

OUTDOOR



URBAN LIGHTING

ILUMINACIÓN URBANA | ÉCLAIRAGE URBAIN | URBANE BELEUCHTUNG | ILLUMINAZIONE URBANA | ILUMINAÇÃO PÚBLICA | ГОРОДСКОЕ ОСВЕЩЕНИЕ | OŚWIETLENIE MIEJSKIE



BOHEMIA
LED **499**
SOLAR **503**
HID **501-502**



CITIZEN
LED **487**
HID **489-491**



ELIPSE
LED **477**
SOLAR **477**
HID **479**



ESEÑCIAL
LED **473**
SOLAR **473**



GAVINA
HID **511**



MERIDIAN
LED **493**
SOLAR **497**
HID **495-496**



MINI ROADWAY
HID **507**



PILED
LED **467**



PREMIER
LED **515**



PROMENADE
LED **483**
FLUO **483**
HID **484**



ROADWAY
HID **505**



SCAN-RAY
LED **471**



ARMS&BRACKETS 526-527



COLUMNS 520-525



LED KIT 517



SOLAR-ECO KIT 518



SOLAR-TECH KIT 519

PROYECTORES | SPOTLIGHTS | PROJECTEURS ET SPOTS | STRAHLER | RIFLETTORI | PROJECTORES |
ПРОЖЕКТОРЫ | SPOTLIGHTY



ALIEN **541**



NEW LED

CUBE **535**



EOLO **543**



NEW LED

ESPARTA **537, 541, 545**



HELIO **543**



NEW LED

HUBBLE **530-533**



ICARO **545**



LED

MIDI **537**



NEW LED

POWELL **534-535**



NEW LED

PROY **537**



LED SOLAR

SHAPLEY **539**



LED

SHULL **539**



NEW LED

SKADE **539, 541**

BAÑADORES DE PARED | WALL WASHERS | LÈCHE-MURS | WANDBELEUCHTUNG | WALL WASHERS |
PROJETORES WALL WASHER | НАСТЕННЫЕ КОСТЮМЫ | OPRAWY TYPU WALL WASHERS



NEW LED

CONVERT **546**

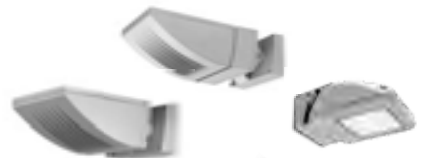


LED

TRON **549**



HECATE **551**



NEW LED

POMPEYA **553**



LED

RAY **548**



NEW LED

SANAT **547**

OUTDOOR

APLIQUES | WALL FIXTURES | APPLIQUES | WANDLEUCHTEN | APPLIQUE | APLIQUES | НАСТЕННЫЕ | KINKIETY

					
ACCESS 577	AFRODITA 555, 560, 561, 567, 571	AJAX 597	ALFA 583	ALVIN 567	
					
ANGLE 579	ATENA 573	BASIC 591	CIRI 599	CLOUS 559	CORNER 587
					
COSMOS 571	CUBUS 581	CURIE 575	DARWIN 589	DELPHOS 569	DIAGO 557
					
ELECTRA 595	GALILEI 572	GAP 585	HAMMER 581	HEBE 593	ICARO 581
					
KARMAN 559	KÖSSEL 584-585	LOTTERY 589	MANDELA 593	MARK 601	MICENAS 585
					
MONACO 593	NAPOLI 569	NEMESIS 558, 562-565, 573, 587	NEO 555	NEREO 595	
					
OPAL 590	PASTEUR 565	PYRAMID 577	POKER 557	PRIAP 595	



PLAFONES | CEILING FIXTURES | PLAFONNIERS | DECKENLEUCHTEN | PLAFONIERE | TECTOS |
ПОТОЛОЧНЫЕ СВЕТИЛЬНИКИ | OPRAWY SUFITOWE



OUTDOOR

BALIZAS | BOLLARDS | BALISES | POLLER | FARI | PIMENTEIROS | НАЗЕМНЫЕ СТОЛБЫ | SŁUPKI

						
BALIZAS 625-627	CILIN 619	COMPACT 643	COSMOS 631	CUBASE 628	CUBIK 629	DIAGO 635
						
ELECTRA 645	HAUTE 619	HEBE 639	HELION 633	ICARO 631	MANDELA 639	MARINER 643
						
MARK 636-637	MÜLLER 633	NEWTON 616-617	NOTT 623-625	ODIN 643		
						
PILE 635	PRIAP 641	REXEL 642	SHARPE 635	SMILE 639		



SPACE **633**

NEW

LED



TEMIS **621**



TORCH **621**



TWO-LIGHT **619**

SENSOR



LED



VINTAGE **643**

LED



WAY **630-631**



FAROLAS | STREET LIGHTS | RÉVERBÈRES | MASTLEUCHTEN | LAMPIONI | POSTES DE ILUMINAÇÃO | ΦΟΗΑΡΙ | LAMPY ULICZNE



NEW

LED

LYON **647**



NEW

LED

GLAVA **651**



HEADS **653**



POMPEYA **651**



TEMIS **647-649**

OUTDOOR



EMPOTRADOS | RECESSED | ENCASTRÉS | EINBAULEUCHTEN | INCASSI | ENCASTRÁVEIS | ВСТРАИВАЕМЫЕ | WPUSZCZANE



NEW LED

BASIC 661



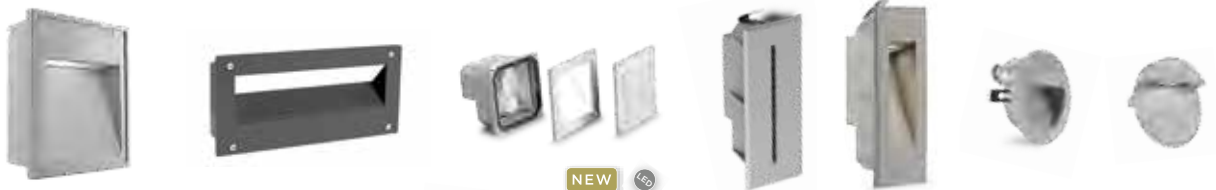
NEW LED

GEA 656-657



LED

HERCULES 655, 657



NEW LED

MICENAS 655-661



LED

GEA 663-665



NEW LED

GEA 667-685



LED

XENA 681, 686-687



SUMERGIBLES | WATERPROOF | SUBMERSIBLES | VERSENKBARE LEUCHTEN | LUCI SOMMERGIBILI | SUBMERSÍVEIS | ПОГРУЖАЕМЫЕ В ВОДУ | ZANURZALNE



NEW LED

AQUA 689-693



COLGANTES | PENDANTS | SUSPENSIONS | HÄNGELEUCHTEN | LAMPADE A SOSPENSIONE | PENDENTES |
ПОДВЕСНЫЕ СВЕТИЛЬНИКИ | OPRAWY WISZĄCE



NEW

CISNE 615



NEW

JEMBE 614



KAP 615



MARK 615



CHILLOUT | CHILL-OUT | CHILLOUT | CHILLOUT-BELEUCHTUNG | CHILLOUT | CHILLOUT | ДЛЯ ЗОНЫ ОТДЫХА | CHILLOUT



ARI 695



CISNE 695



INVISIBLE 701



JAMBO 703



NEW

JEMBE 697



KAP 699



NEW

MOONLIGHT 702-703



ROCK 697



SMOOTH 705

OUTDOOR



CLASSIC | CLÁSICO | CLASSIQUE | KLASSISCH | CLASSICO | CLÁSSICO | КЛАССИЧЕСКИЙ | KLASYCZNY



NEW

ALBA 708-709

ANDREA 712-713

GALATEA 714-715

RUSTICA 710-711



NEW

CASTELO 723

COTTAGE 719

CROSS 707

EDIPO 723

ITACA 721



JAMBO 707

JANNA 716-717

MORFEO 721

OCEANO 725



ODISEO 723

PERSEFONE 721

PERSEO 725

SIRENA 719

TRITON 719

OUTDOOR



466-527

URBAN LIGHTING

ILUMINACIÓN URBANA
ÉCLAIRAGE URBAIN
STRASSENLEUCHTEN
ILLUMINAZIONE URBANA
ILUMINAÇÃO PÚBLICA
ГОРОДСКОЕ ОСВЕЩЕНИЕ
OSWIETLENIE MIEJSKIE



530-545

SPOTLIGHTS

PROYECTORES
PROJECTEURS ET SPOTS
STRAHLER
PROIETTORI
PROJECTORES
ПРОЖЕКТОРНЫЕ СВЕТИЛЬНИКИ
REFLEKTOR



546-553

WALL WASHERS

BAÑADORES DE PARED
LÉCHE-MURS
STRAHLER
WALL WASHERS
WALL WASHERS
СВЕТИЛЬНИКИ ДЛЯ ПОДСВЕТКИ
СТЕН
WALL WASHER



554-601

WALL FIXTURES

APLIQUES
APPLIQUES
WANDLEUCHTEN
APPLIQUE
APLIQUES
НАСТЕННЫЕ
KINKIETY



602-615

CEILING



TECHO
PLAFONNIERS
DECKENLEUCHTEN
PLAFONIERE
ТЕСТО
ПОТОЛОЧНЫЕ
SUFITOWE



616-645

BOLLARDS

BALIZAS
BALISES
POLLERLEUCHTEN
FARI
PIMENTEIROS
НАЗЕМНЫЕ СТОЛБЫ
SŁUPKI



646-653

STREET LIGHTS

FAROLAS
RÉVERBÈRES
MASTLEUCHTEN
LAMPIONI
POSTES DE ILUMINAÇÃO
ФОНАРИ
LAMPY ULICZNE



654-687

RECESSED



EMPOTRADOS
ENCASTRÉS
EINBAULEUCHTEN
INCASSI



ENCASTRÁVEIS
ВСТРАИВАЕМЫЕ
WPUSZCZANE



688-693

WATERPROOF

SUMERGIBLES
SUBMERSIBLES
VERSENKBARE LEUCHTEN
LUCI SOMMERGIBILI
SUBMERSÍVEIS
ПОГРУЖАЕМЫЕ В ВОДУ
ZANURZALNE



694-705

CHILL-OUT

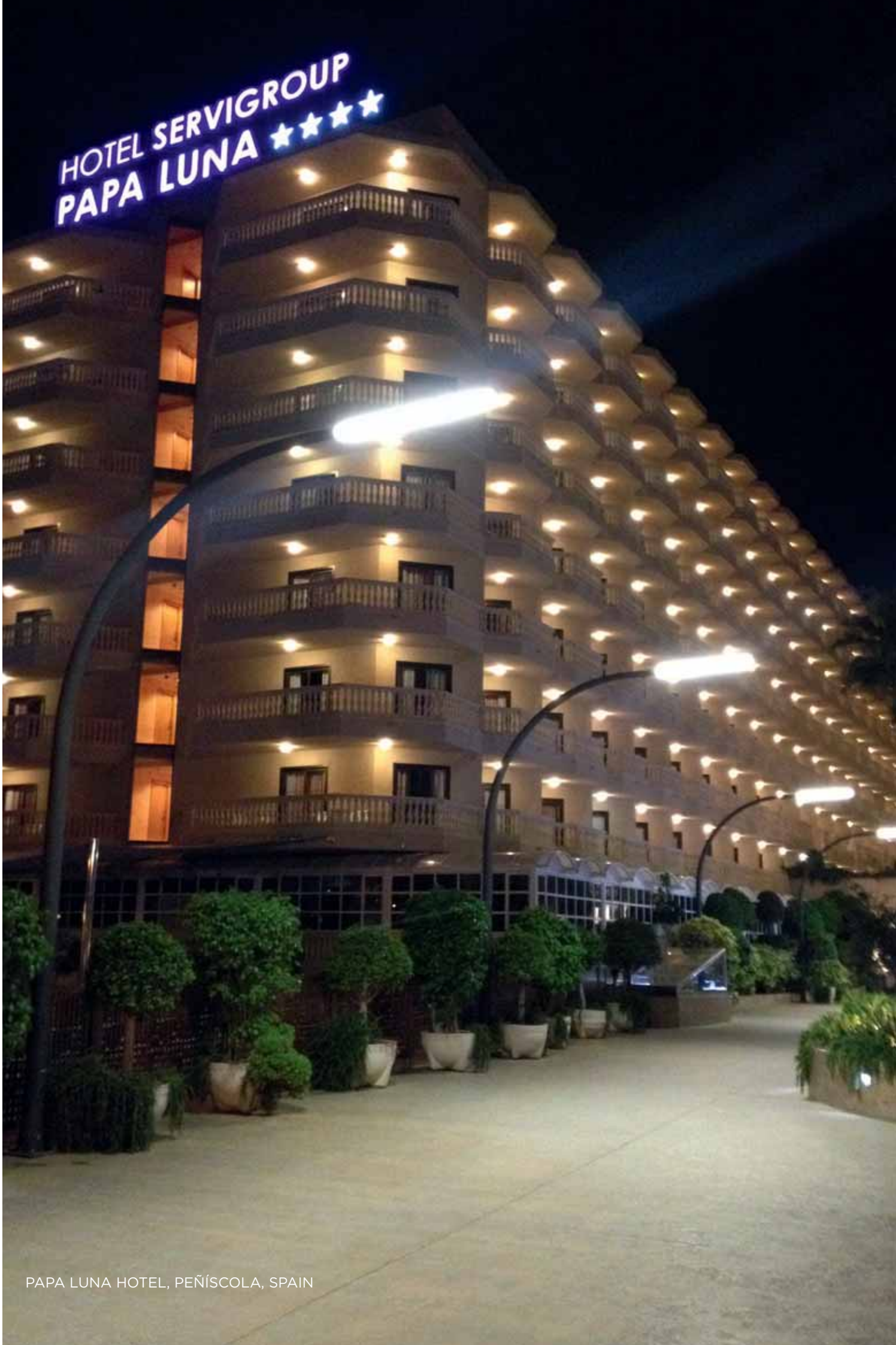
CHILLOUT
CHILLOUT
CHILLOUT-BELEUCHTUNG
CHILLOUT
CHILLOUT
ДЛЯ ЗОНЫ ОТДЫХА
CHILLOUT



706-725

CLASSIC

CLÁSICO
CLASSIQUE
KLASSISCH
CLASSICO
CLASSICO
КЛАССИЧЕСКИЙ
KLASYCZNY



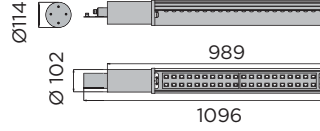
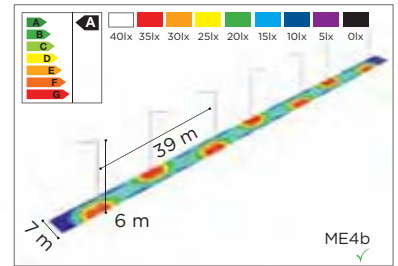
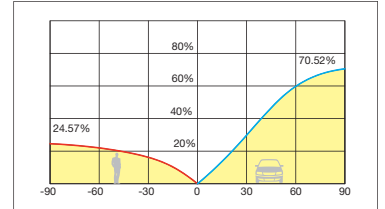
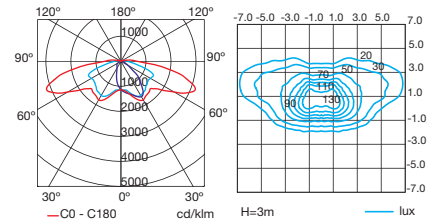
PAPA LUNA HOTEL, PEÑÍSCOLA, SPAIN

PILED BY FRANC FERNÁNDEZ + KXDESIGNERS



URBAN

LED 45W 4000K

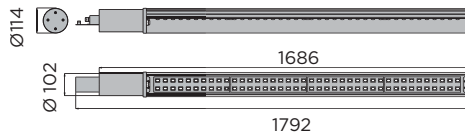
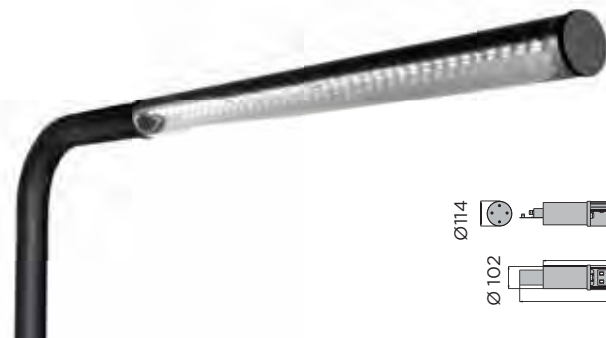
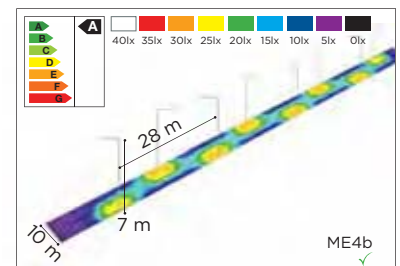
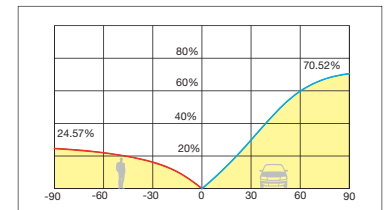
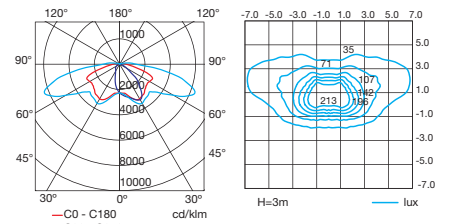


LED OSRAM		3000K NEW		4000K	
45W	32 LED	5.027/6.284 lm	80-4553-AU-CL	80-4553-AU-M2V1	

PILED BY FRANC FERNÁNDEZ + KXDESIGNERS

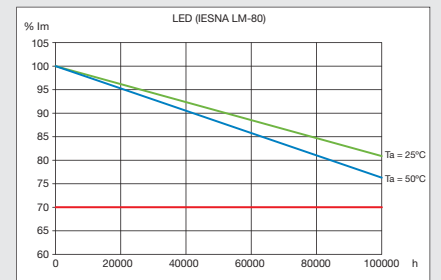


LED 80W 4000K



LED OSRAM		3000K NEW		4000K	
80W	64 LED	7.734/9.668 lm	80-4552-AU-CL	80-4552-AU-M2V1	

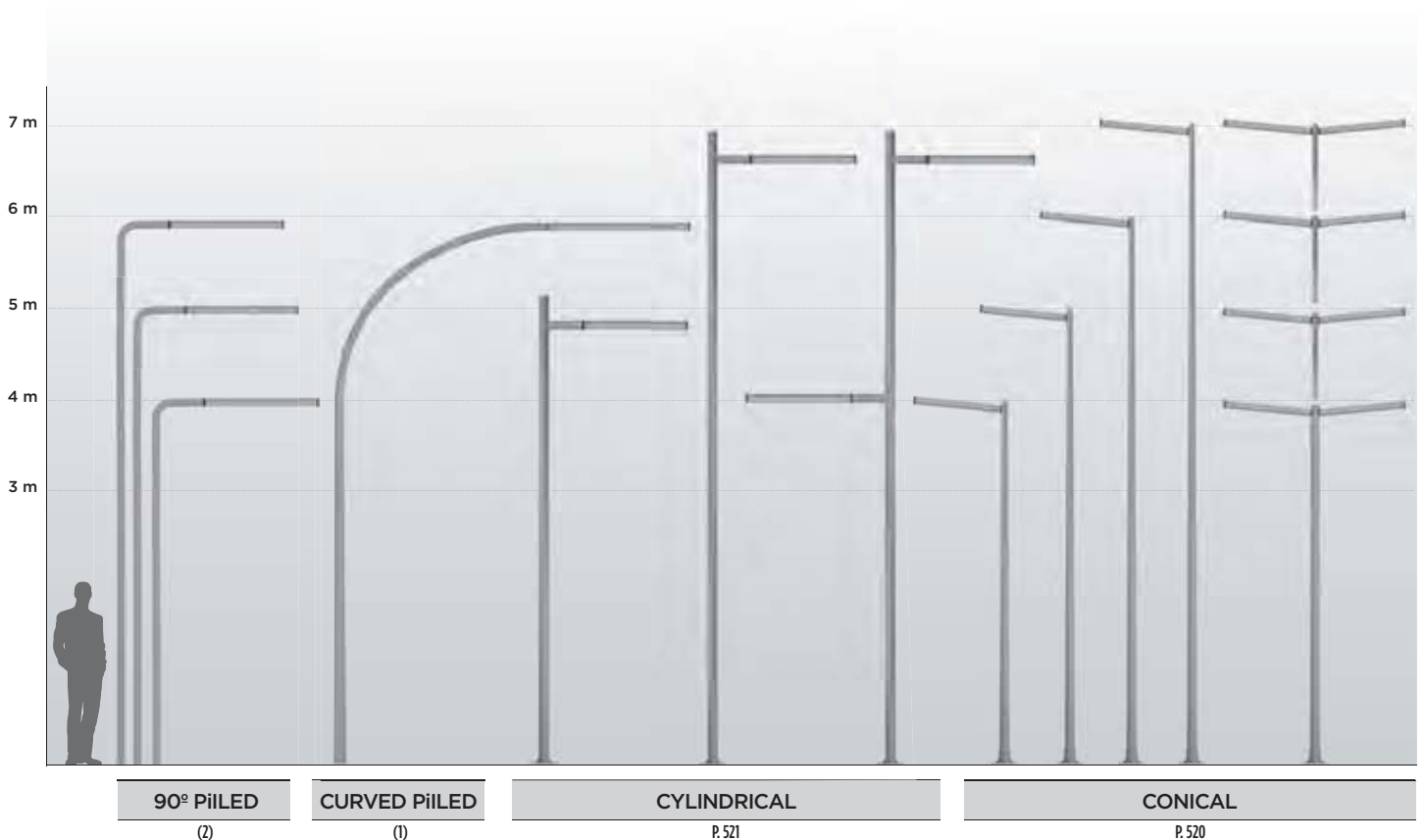
OUTDOOR | URBAN










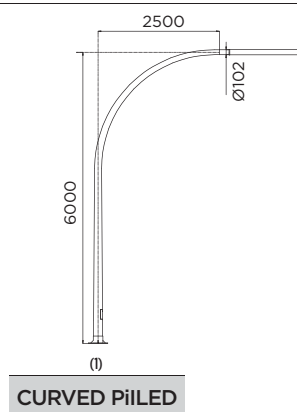
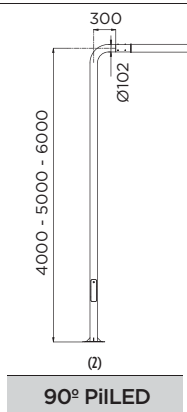


PARC DE LA LLANA, RUBÍ, BARCELONA, SPAIN

PILED



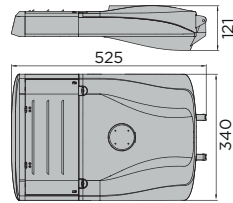
								
90° PILED	6m	81-4558-AV-AV	71-4539-48-48	71-4524-48-48	✓	✓	X	71-4531-48-48
	5m	81-4557-AV-AV	71-4539-48-48	71-4524-48-48	✓	✓	X	71-4531-48-48
	4m	81-4556-AV-AV	71-4539-48-48	71-4524-48-48	✓	✓	X	71-4531-48-48
CURVED PILED	6m	81-4552-AV-AV	71-4556-48-48	71-4525-48-48	✓	✓	X	71-4531-48-48
CYLINDRICAL	7+ 4 m	81-3133-AU-AU	71-4522-48-48	71-4525-48-48	71-4553-AV-AV	✓	X	71-3128-48-48
	7m	81-3132-AU-AU	71-4522-48-48	71-4525-48-48	71-4553-AV-AV	✓	X	71-3128-48-48
	5m	81-3128-AU-AU	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	✓	X	71-3128-48-48
CONICAL	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	71-4553-AV-AV	71-4554-AV-AV	71-4555-AV-AV	71-4531-48-48



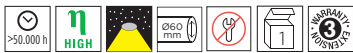
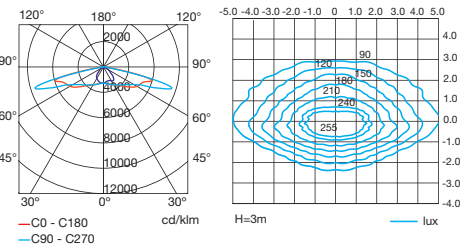


SCAN-RAY

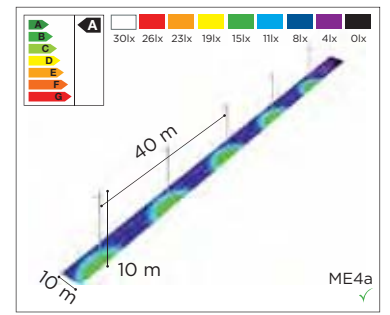
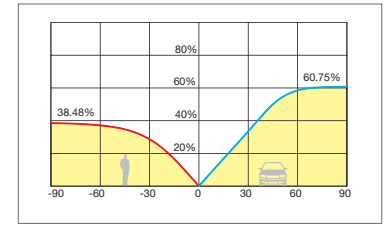
NEW



LED 120W 4000K
ULOR INST = 0,77%

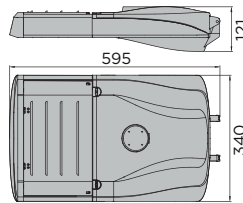


LED LUMILED		4000K	
120W	36 LED	12.868 lm	80-4970-BQ-M2

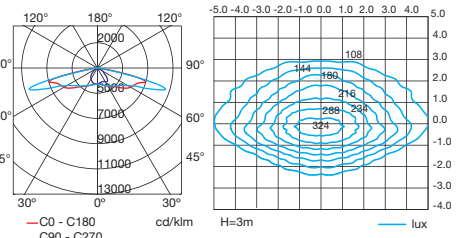


SCAN-RAY

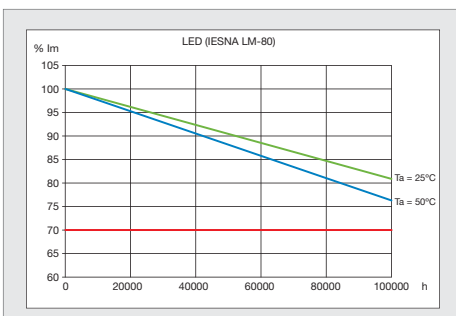
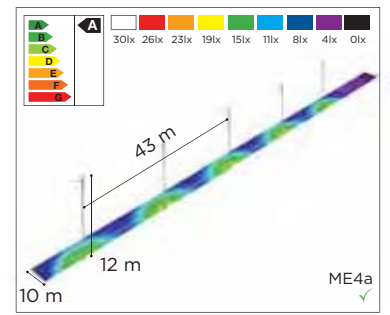
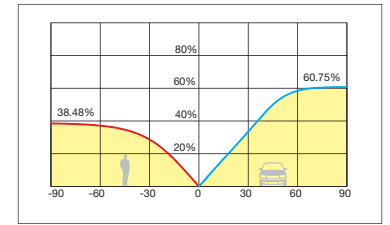
NEW



LED 180W 4000K
ULOR INST = 0,77%



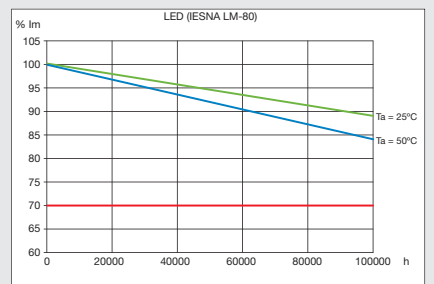
LED LUMILED		4000K	
180W	54 LED	18.231 lm	80-4971-BQ-M2



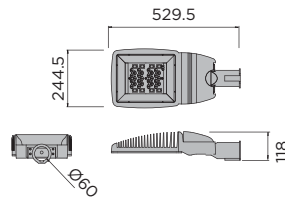
10kA

Protección sobretensiones 10kA. /
Surge protection 10kA. /
Protecteur de surtension 10kA. /
Überspannungsschutz 10kA. /
Protetto dalla sovrentensione da 10kA. /
Сетевой фильтр 10kA. /
Zabezpieczenie Przeciwpzepięciowe 10kA. /

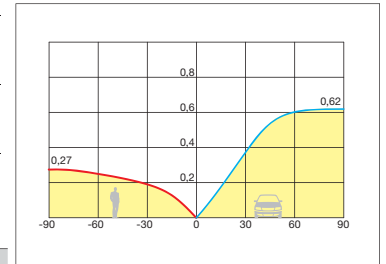
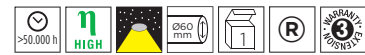
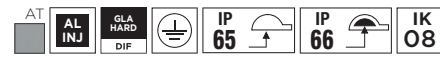
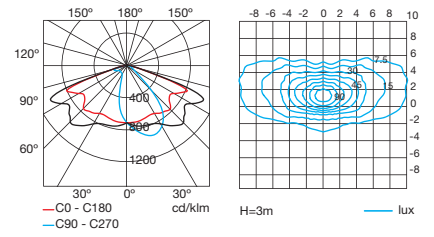
OUTDOOR | URBAN



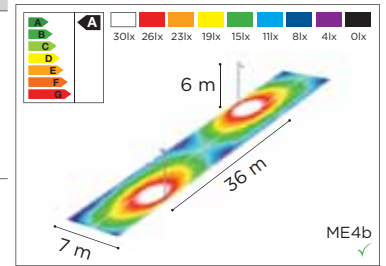
ESENCIAL



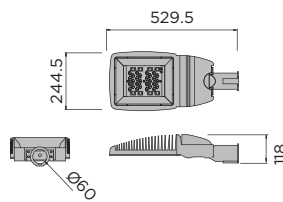
LED 56W 4000K
ULOR INST = 0,73%



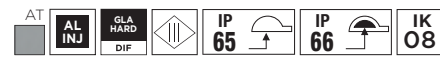
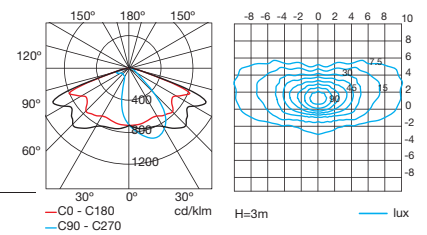
LED OSRAM			3000K <small>NEW</small>	4000K
45W	20 LED	3.454/4.429 lm	80-4748-AT-CL	80-4748-AT-37
56W	24 LED	4.145/5.315 lm	80-4752-AT-CL	80-4752-AT-37
56W	24 LED BIPOWER	4.145/5.315 lm	80-4754-AT-CL	80-4754-AT-37
56W	24 LED BIPOWER TIMED	4.145/5.315 lm	80-4753-AT-CL	80-4753-AT-37



ESENCIAL SOLAR



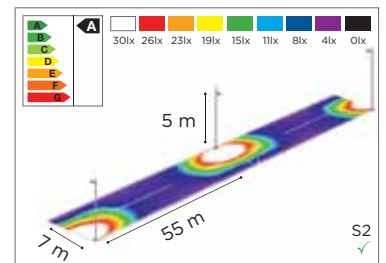
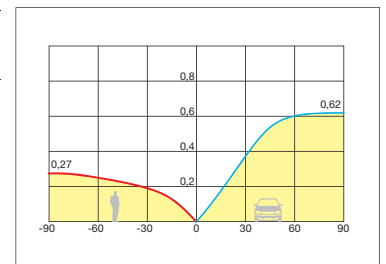
LED 45W 4000K
ULOR INST = 0,73%



12V



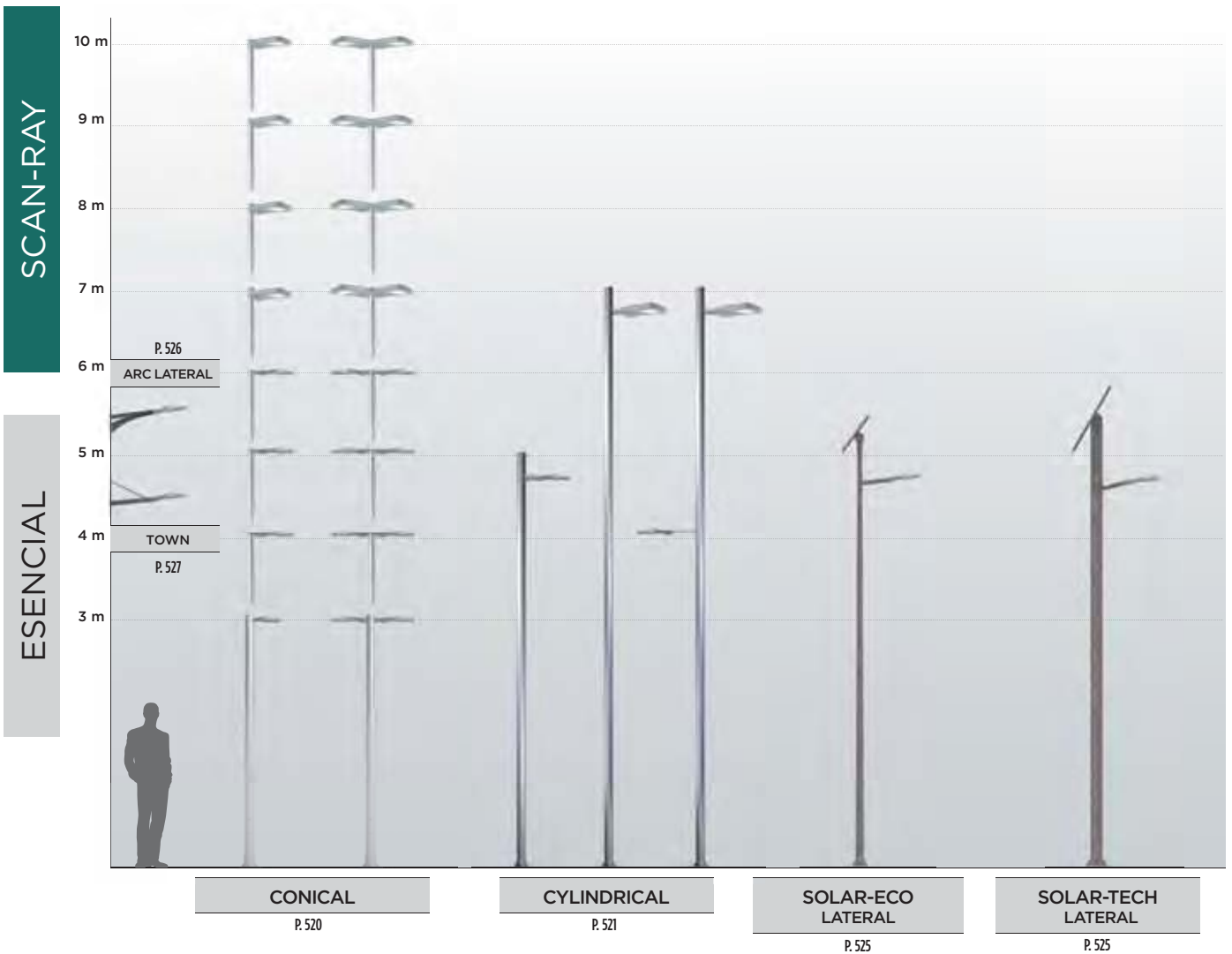
LED OSRAM			3000K <small>NEW</small>	4000K
30W	20 LED	2.302/2.953 lm	80-2617-AT-CL	80-2617-AT-37
45W	20 LED	3.454/4.429 lm	80-2618-AT-CL	80-2618-AT-37



OUTDOOR | URBAN



SCAN-RAY / ESENCIAL



SCAN-RAY

CONICAL	10m	81-4538-AV-AV ■■	71-4541-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48	x
	9m	81-4537-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48	x
	8m	81-4536-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48	x
	7m	81-3149-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48	x
CYLINDRICAL	7m	81-3132-AU-AU ■	71-4522-48-48	71-4525-48-48	✓	X	71-3128-48-48	x

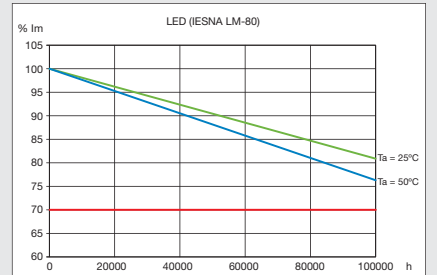
ESENCIAL

CONICAL	6m	81-4535-AV-AV ■■	71-4539-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48	x
	5m	81-4534-AV-AV ■■	71-4539-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48	x
	4m	81-3151-AV-AV ■■	71-4520-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48	x
	CYLINDRICAL	5m	81-3128-AU-AU ■	71-4539-48-48	71-4524-48-48	✓	X	71-3128-48-48
SOLAR-ECO LATERAL	5m	81-3257-AV-AV ■	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518
SOLAR-TECH LATERAL	5m	81-4768-AV-AV ■	71-4521-48-48	71-4521-48-48	✓	X	71-4531-48-48	P. 519
ARC LATERAL	ARM	82-3030-BQ-BQ ■						
TOWN	ARM	82-3029-BQ-BQ ■						

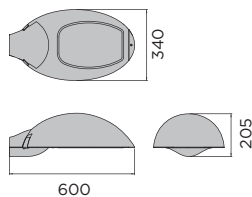




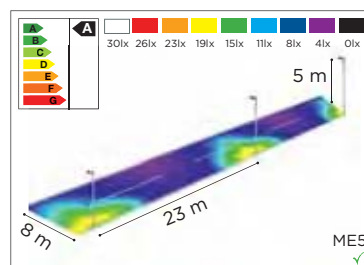
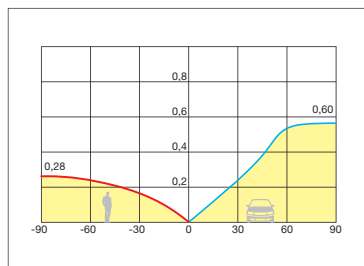
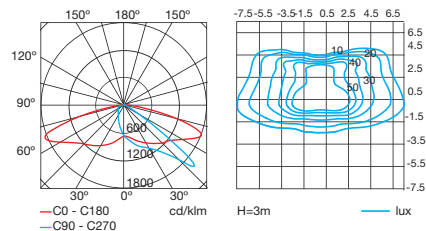
L' ESTANY, BARCELONA, SPAIN



ELIPSE LED

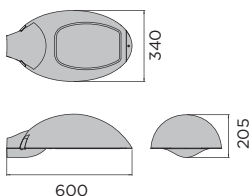


LED 45W 4000K
ULOR INST = 0,77%

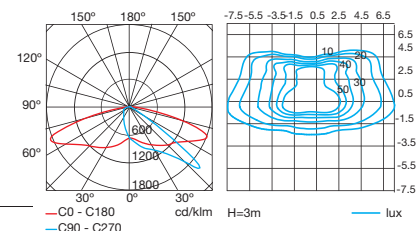


LED OSRAM		3000K NEW	4000K
45W	20 LED	3.301/4.379 lm	80-4614-BQ-CL 80-4614-BQ-37
65W	28 LED	4.767/6.117 lm	80-2696-BQ-CL 80-2696-BQ-37
65W	28 LED	4.767/6.117 lm BIPOWER	80-5031-BQ-CL 80-5031-BQ-37
65W	28 LED	4.767/6.117 lm BIPOWER TIMED	80-5032-BQ-CL 80-5032-BQ-37

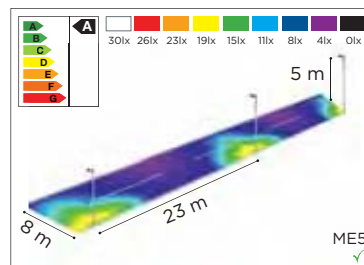
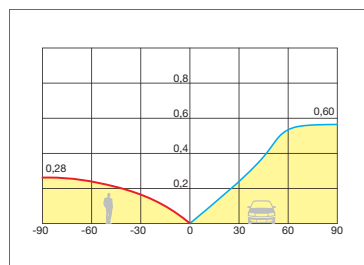
ELIPSE SOLAR



LED 45W 4000K
ULOR INST = 0,77%



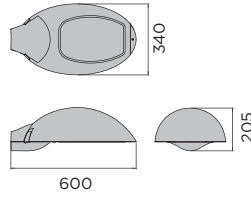
12V



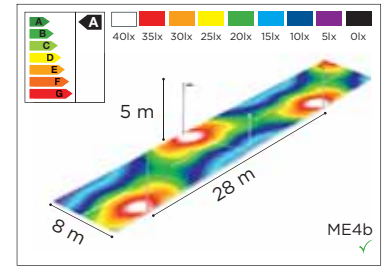
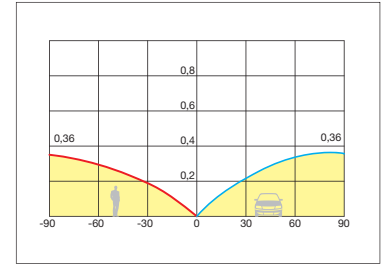
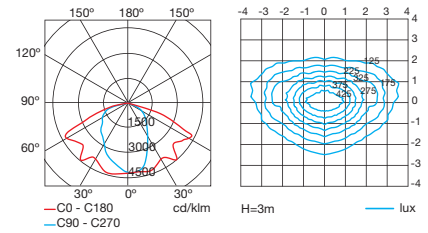
LED OSRAM		3000K NEW	4000K
30W	20 LED	2.200/3.179 lm	80-2467-BQ-CL 80-2467-BQ-37
45W	20 LED	3.301/4.379 lm	80-4768-BQ-CL 80-4768-BQ-37
65W	28 LED	4.767/6.117 lm	80-3274-BQ-CL 80-3274-BQ-37



ELIPSE HID



HPS 70W
ULOR INST = 0,15%



E-27

35W	MH	80-3065-BQ-37
70W	HPS - MH	80-3029-BQ-37
70W	HPS BIPOWER	80-3032-BQ-37
70W	HPS BIPOWER TIMED	80-3039-BQ-37

E-40

100W	HPS - MH	80-3030-BQ-37
100W	HPS BIPOWER	80-3033-BQ-37
100W	HPS BIPOWER TIMED	80-3040-BQ-37
150W	HPS - MH	80-3031-BQ-37
150W	HPS BIPOWER	80-3034-BQ-37
150W	HPS BIPOWER TIMED	80-3041-BQ-37

G-12

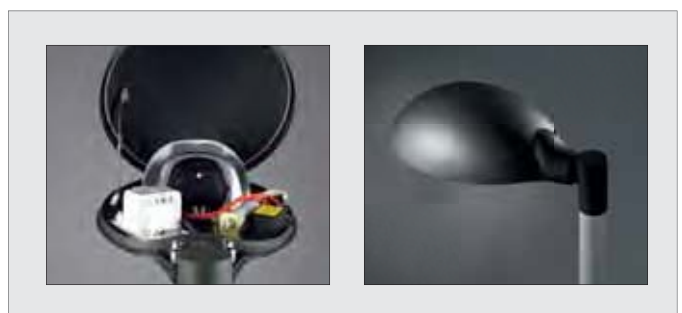
70W	MH	80-4774-BQ-37
100W	MH	80-4776-BQ-37
150W	MH	80-4778-BQ-37

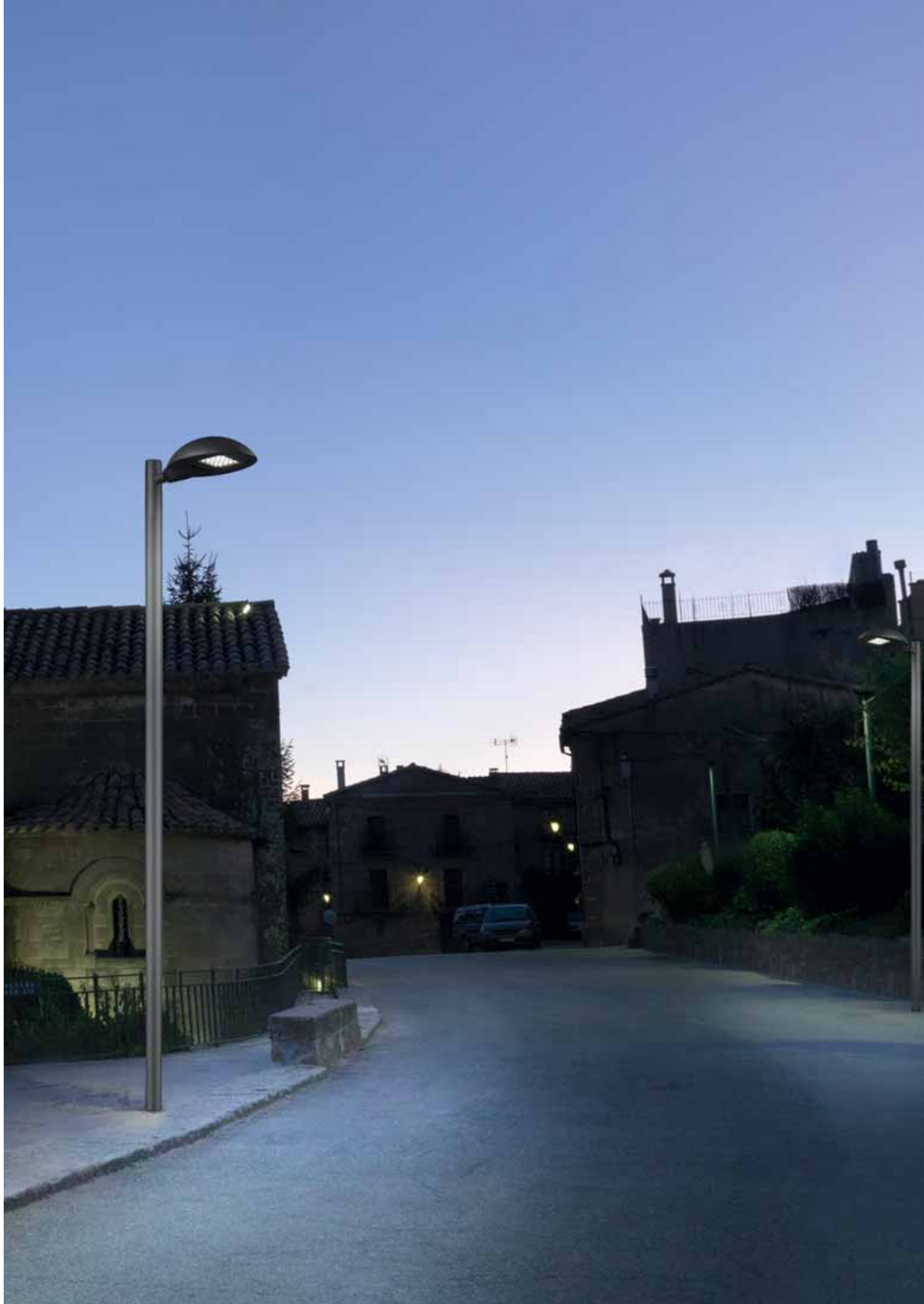
PGZ-12 COSMOWHITE PHILIPS

45W	MH	80-3062-BQ-37
60W	MH	80-3063-BQ-37
90W	MH	80-3064-BQ-37



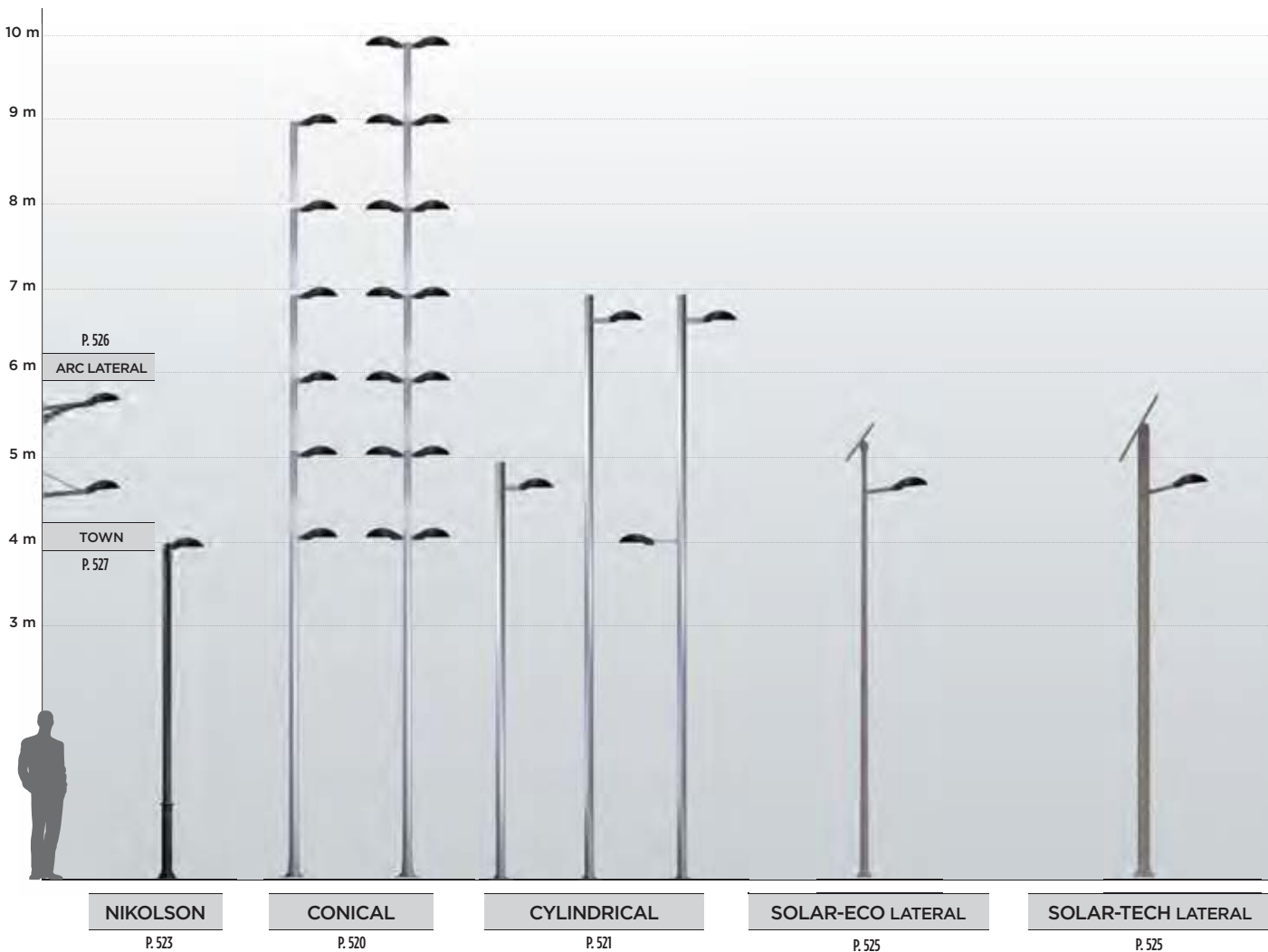
OUTDOOR | URBAN












L' ESTANY, BARCELONA, SPAIN

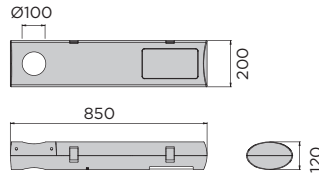
ELIPSE



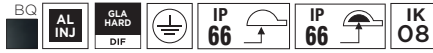
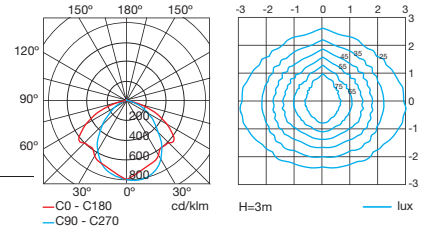
								
NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	✓	71-4555-AV-AV ▨	71-3128-48-48	X
CONICAL	10m	81-4538-AV-AV ▨	71-4541-48-48	71-4525-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	9m	81-4537-AV-AV ▨	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	8m	81-4536-AV-AV ▨	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	7m	81-3149-AV-AV ▨	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	6m	81-4535-AV-AV ▨	71-4539-48-48	71-4524-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	5m	81-4534-AV-AV ▨	71-4539-48-48	71-4524-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
	4m	81-3151-AV-AV ▨	71-4520-48-48	71-4524-48-48	✓	71-4555-AV-AV ▨	71-4531-48-48	X
CYLINDRICAL	7+ 4m	81-3133-AU-AU ■	71-4522-48-48	71-4525-48-48	✓	X	71-3128-48-48	X
	7m	81-3132-AU-AU ■	71-4522-48-48	71-4525-48-48	✓	X	71-3128-48-48	X
	5m	81-3128-AU-AU ■	71-4539-48-48	71-4524-48-48	✓	X	71-3128-48-48	X
SOLAR-ECO LATERAL	5m	81-3257-AV-AV ■	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518
SOLAR-TECH LATERAL	5m	81-4768-AV-AV ■	71-4521-48-48	71-4525-48-48	✓	X	71-4531-48-48	P. 519
ARC LATERAL	ARM	82-3030-BQ-BQ ■						
TOWN	ARM	82-3029-BQ-BQ ■						



PROMENADE FLUO



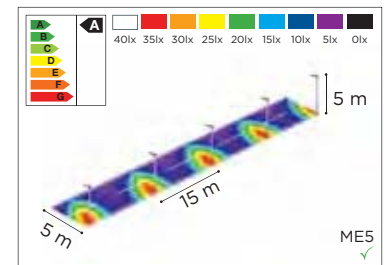
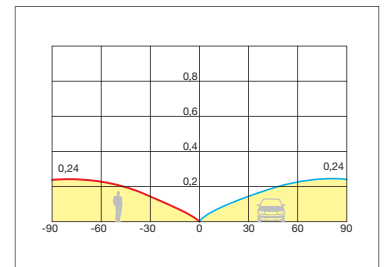
FLUO 57W
ULOR INST = 0,00%



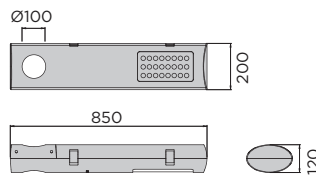
Gx24 q-5

57W FLUORESCENT

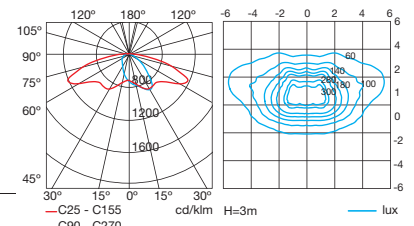
80-3023-BQ-37



PROMENADE LED



LED 45W 4000K
ULOR INST = 0,00%

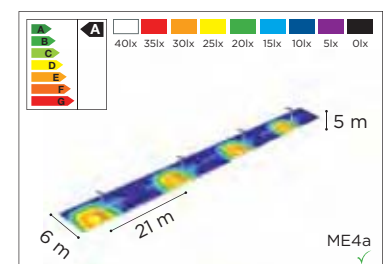
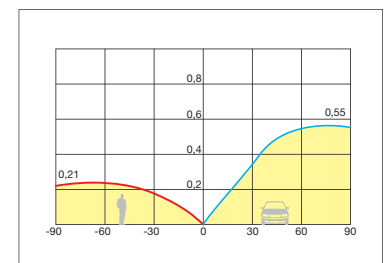


LED OSRAM

3000K **NEW**

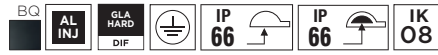
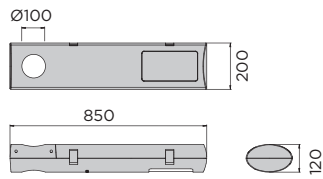
4000K

45W	20 LED	3.523/4.561 lm	80-4622-BQ-CL	80-4622-BQ-37
56W	24 LED	4.427/5.676 lm	80-2693-BQ-CL	80-2693-BQ-37
56W	24 LED	4.427/5.676 lm	BIPOWER 80-2695-BQ-CL	80-2695-BQ-37
56W	24 LED	4.427/5.676 lm	BIPOWER TIMED 80-2694-BQ-CL	80-2694-BQ-37



OUTDOOR | URBAN

PROMENADE HID



E-27

35W MH	80-4521-BQ-37
70W HPS - MH	80-4502-BQ-37
70W HPS BIPOWER	80-4505-BQ-37
70W HPS BIPOWER TIMED	80-4508-BQ-37

E-40

100W HPS - MH	80-4503-BQ-37
100W HPS BIPOWER	80-4506-BQ-37
100W HPS BIPOWER TIMED	80-4509-BQ-37
150W HPS - MH	80-4504-BQ-37
150W HPS BIPOWER	80-4507-BQ-37
150W HPS BIPOWER TIMED	80-4510-BQ-37

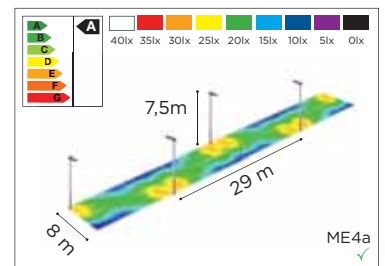
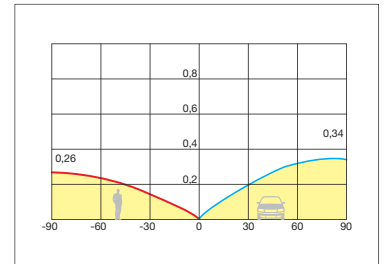
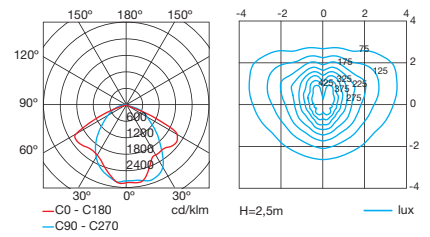
G-12

35W MH	80-4494-BQ-37
70W MH	80-4495-BQ-37
100W MH	80-4496-BQ-37
150W MH	80-4497-BQ-37

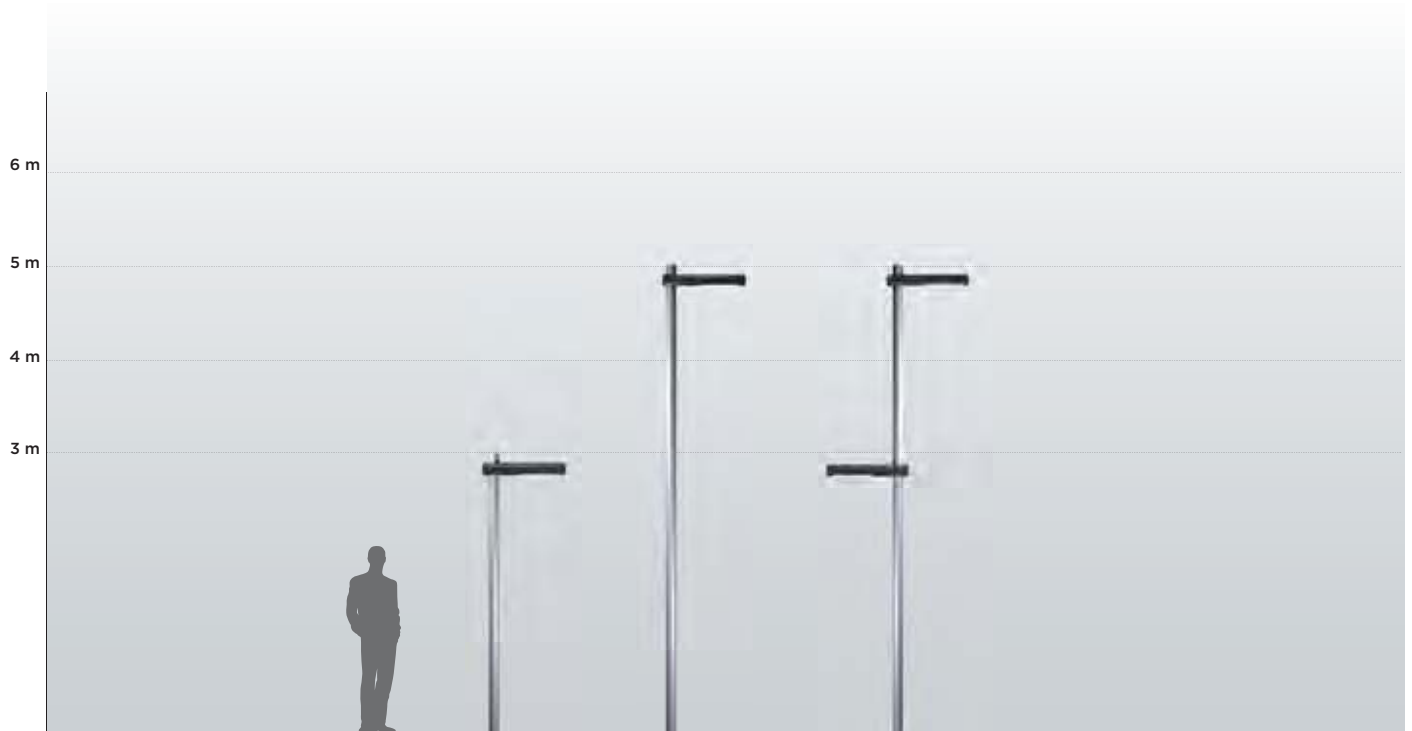
PGZ-12 COSMOWHITE

45W MH	80-4602-BQ-37
60W MH	80-4603-BQ-37
90W MH	80-4604-BQ-37

HPS 70W
ULOR INST = 0,58%



PROMENADE



PROMENADE

P. 524



3m	81-3137-AU-AU	71-4520-48-48	71-4524-48-48	✓	X	71-4531-48-48
5 m	81-3140-AU-AU	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48
5+3 m	81-3140-AU-AU	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48

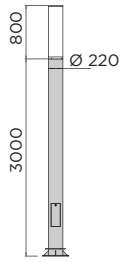


PLAÇA VALL, TORÀ, SPAIN

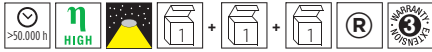
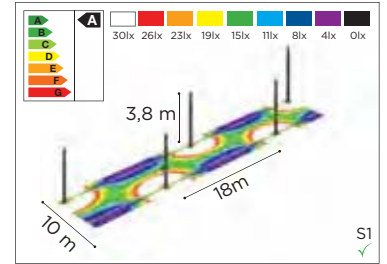
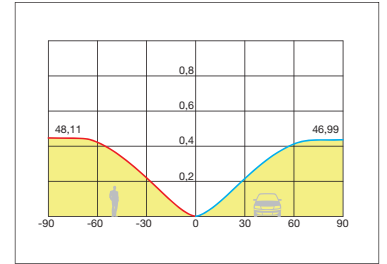
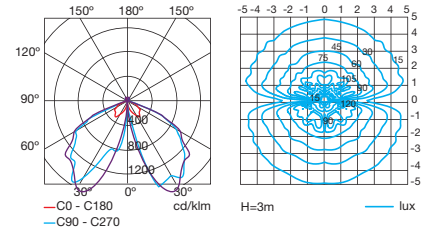




CITIZEN LED



LED 60W 3000K
ULOR INST = 2,08%



CITIZEN COB LED		3000K	
60W	LED	6082 lm	83-3239-BB-M2 ⁽¹⁾

- Ⓜ EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.
- Ⓜ THE CODE INCLUDES HEAD AND POLE.
- Ⓜ LE CODE COMPREND LA TÊTE ET LE MÂT.
- Ⓜ DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
- Ⓜ IL CODICE INCLUDE TESTA E COLONNA.
- Ⓜ O CÓDIGO INCLUI A CABAÇA E A COLUNA.
- Ⓜ АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.
- Ⓜ TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.



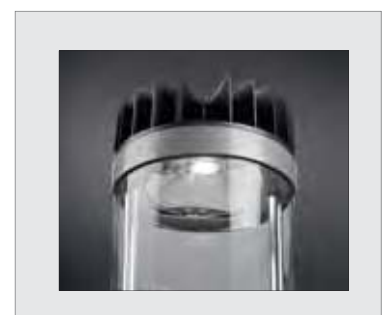
71-4521-48-48



71-4526-48-48



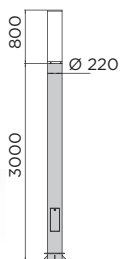
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OUTDOOR | URBAN



CITIZEN HID



G-12

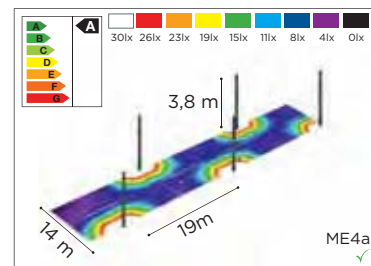
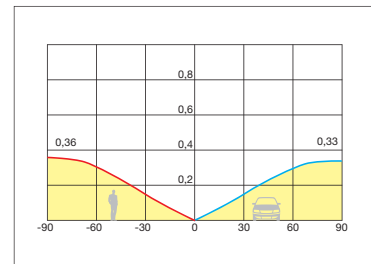
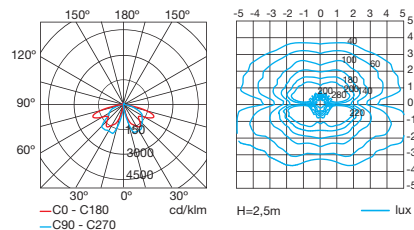
35W	MH	83-4580-BB-M2 ⁽¹⁾
70W	MH	83-4581-BB-M2 ⁽¹⁾
100W	MH	83-4582-BB-M2 ⁽¹⁾
150W	MH	83-4583-BB-M2 ⁽¹⁾
150W	MH BIPOWER	83-4588-BB-M2 ⁽¹⁾
150W	MH BIPOWER TIMED	83-4590-BB-M2 ⁽¹⁾

PGZ-12 COSMOWHITE

45W	MH	83-4608-BB-M2 ⁽¹⁾
60W	MH	83-4609-BB-M2 ⁽¹⁾

- ⁽¹⁾ EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.
- ⁽¹⁾ THE CODE INCLUDES HEAD AND POLE.
- ⁽¹⁾ LE CODE COMPREND LA TÊTE ET LE MÂT.
- ⁽¹⁾ DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
- ⁽¹⁾ IL CODICE INCLUE TESTA E COLONNA.
- ⁽¹⁾ O CÓDIGO INCLUI A CABEÇA E A COLUNA.
- ⁽¹⁾ АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.
- ⁽¹⁾ TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.

MH 70W
ULOR INST = 2,08%



71-4521-48-48



71-4526-48-48



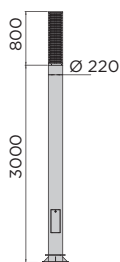
71-3148-48-48





SANT VICENÇ DELS HORTS, BARCELONA, SPAIN

CITIZEN HID



E-27

2 x 70W	HPS - MH	83-3099-BB-M2 ⁽¹⁾
2 x 70W	HPS BIPOWER	83-3103-BB-M2 ⁽¹⁾
2 x 70W	HPS BIPOWER TIMED	83-3117-BB-M2 ⁽¹⁾

E-40

2 x 100W	HPS - MH	83-3101-BB-M2 ⁽¹⁾
2 x 100W	HPS BIPOWER	83-3104-BB-M2 ⁽¹⁾
2 x 100W	HPS BIPOWER TIMED	83-3118-BB-M2 ⁽¹⁾
2 x 150W	HPS - MH	83-3102-BB-M2 ⁽¹⁾
2 x 150W	HPS BIPOWER	83-3105-BB-M2 ⁽¹⁾
2 x 150W	HPS BIPOWER TIMED	83-3119-BB-M2 ⁽¹⁾

- ⁽¹⁾ EL CÓDIGO INCLUYE CABEZAL Y COLUMNA.
- ⁽¹⁾ THE CODE INCLUDES HEAD AND POLE.
- ⁽¹⁾ LE CODE COMPREND LA TÊTE ET LE MÂT.
- ⁽¹⁾ DIESE ARTIKEL-NR. ENTHÄLT DEN MAST UND DEN LEUCHTENKOPF.
- ⁽¹⁾ IL CODICE INCLUDE TESTA E COLONNA.
- ⁽¹⁾ O CÓDIGO INCLUI A CABEÇA E A COLUNA.
- ⁽¹⁾ АРТИКУЛ ВКЛЮЧАЕТ СВЕТИЛЬНИК И ОПОРУ.
- ⁽¹⁾ TEN KOD OBEJMUJE GŁOWICĘ I SŁUP.

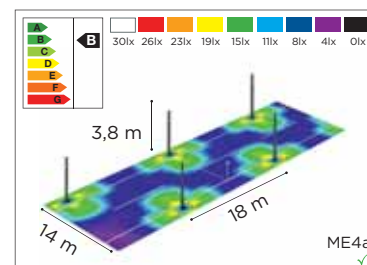
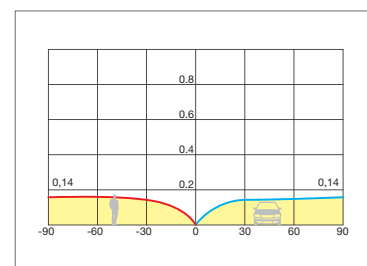
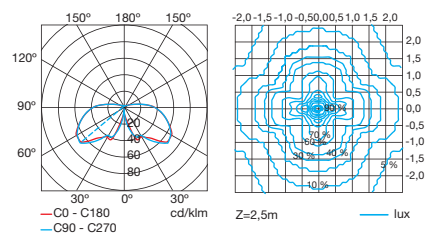


71-4521-48-48

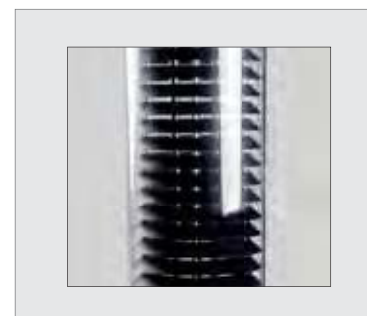
71-4526-48-48

71-3148-48-48

HPS 2X70W
ULOR INST = 10,3%

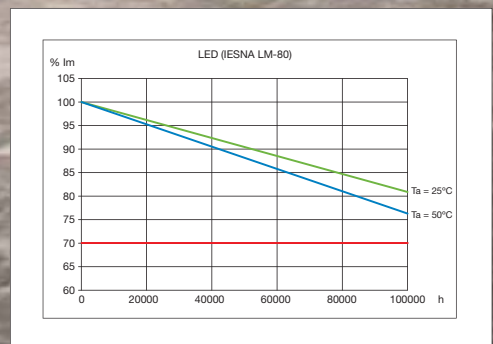


OUTDOOR | URBAN

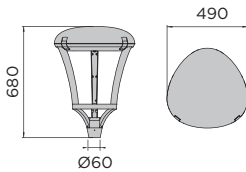




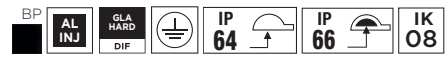
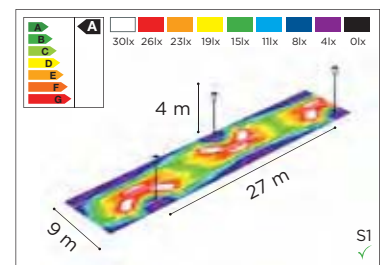
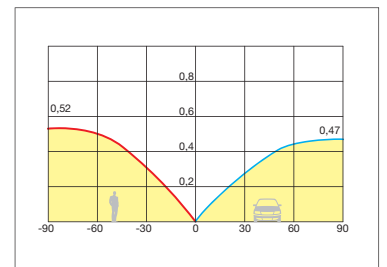
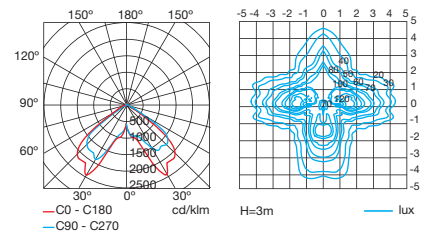
FUNDACIÓN LEO MESSI, BARCELONA, SPAIN



MERIDIAN LED

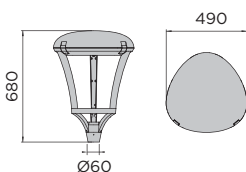


LED 45W 4000K
ULOR INST = 0,00%

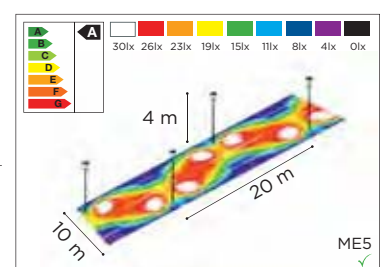
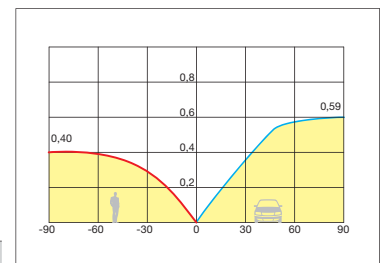
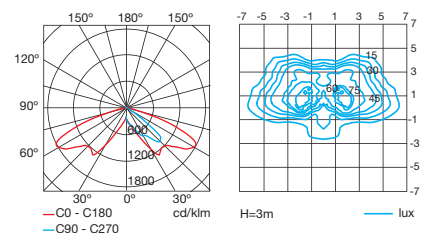


LED OSRAM			3000K NEW	4000K
45W	20 LED	3.301/4.283 lm	80-4529-BP-CL	80-4529-BP-37
65W	28 LED	4.767/5.970 lm	80-2926-BP-CL	80-2926-BP-37
65W	28 LED	4.767/5.970 lm	BIPOWER 80-5033-BP-CL	80-5033-BP-37
65W	28 LED	4.767/5.970 lm	BIPOWER TIMED 80-5034-BP-CL	80-5034-BP-37

MERIDIAN LED



LED 45W 4000K
ULOR INST = 0,00%



LED OSRAM			3000K NEW	4000K
45W	20 LED	3.301/4.379 lm	80-2427-BP-CL	80-2427-BP-37
65W	28 LED	4.767/6.117 lm	80-2927-BP-CL	80-2927-BP-37
65W	28 LED	4.767/6.117 lm	BIPOWER 80-5035-BP-CL	80-5035-BP-37
65W	28 LED	4.767/6.117 lm	BIPOWER TIMED 80-5041-BP-CL	80-5041-BP-37

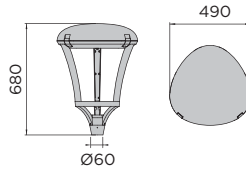


OUTDOOR | URBAN

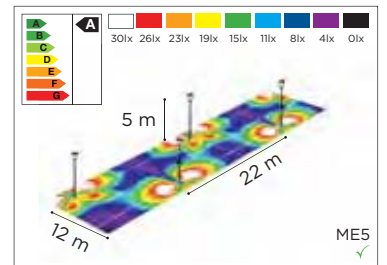
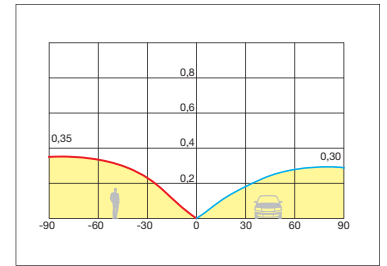
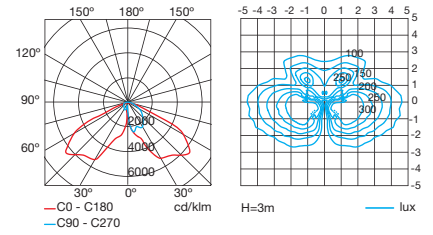


PARQUE EUROPA, MADRID, SPAIN

MERIDIAN HID



HPS 70W
ULOR INST = 0,1%



E-27

35W	MH	80-4629-BP-37
70W	HPS - MH	80-4631-BP-37
70W	HPS BIPOWER	80-4632-BP-37
70W	HPS BIPOWER TIMED	80-4633-BP-37

E-40

100W	HPS - MH	80-4637-BP-37
100W	HPS BIPOWER	80-4638-BP-37
100W	HPS BIPOWER TIMED	80-4639-BP-37
150W	HPS - MH	80-4643-BP-37
150W	HPS BIPOWER	80-4644-BP-37
150W	HPS BIPOWER TIMED	80-4645-BP-37

G-12

70W	MH	80-4786-BP-37
100W	MH	80-4788-BP-37
150W	MH	80-4790-BP-37

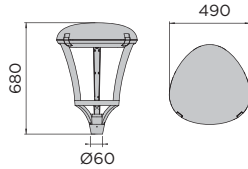
PGZ-12 COSMOWHITE PHILIPS

45W	MH	80-4626-BP-37
60W	MH	80-4627-BP-37
90W	MH	80-4628-BP-37

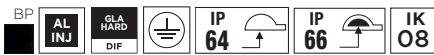
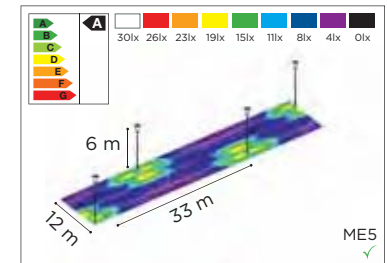
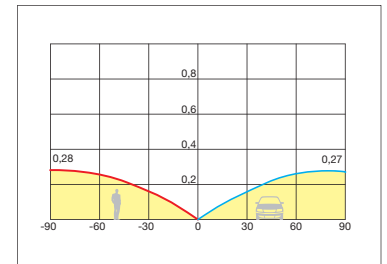
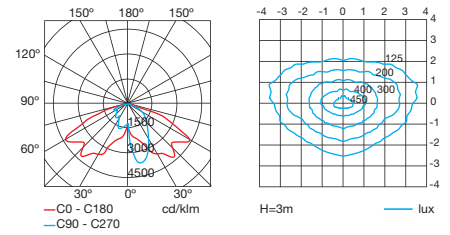


OUTDOOR | URBAN

MERIDIAN HID



HPS 70W
ULOR INST = 0,1%



E-27

35W	MH	80-4523-BP-37
70W	HPS - MH	80-3012-BP-37
70W	HPS BIPOWER	80-3015-BP-37
70W	HPS BIPOWER TIMED	80-3018-BP-37

E-40

100W	HPS - MH	80-3013-BP-37
100W	HPS BIPOWER	80-3016-BP-37
100W	HPS BIPOWER TIMED	80-3019-BP-37
150W	HPS - MH	80-3014-BP-37
150W	HPS BIPOWER	80-3017-BP-37
150W	HPS BIPOWER TIMED	80-3020-BP-37

G-12

70W	MH	80-4779-BP-37
100W	MH	80-4781-BP-37
150W	MH	80-4783-BP-37

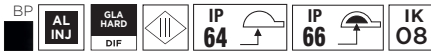
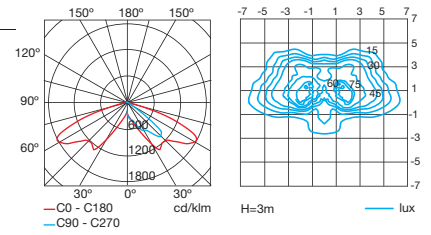
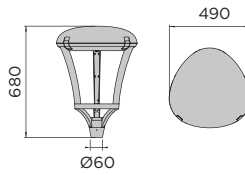
PGZ-12 COSMOWHITE

45W	MH	80-4592-BP-37
60W	MH	80-4593-BP-37
90W	MH	80-4594-BP-37

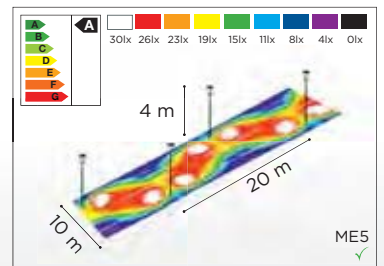
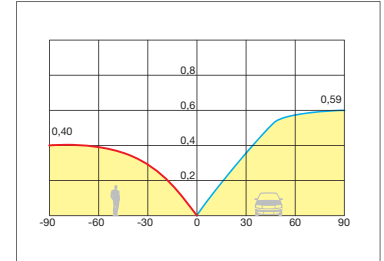
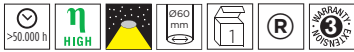
MERIDIAN SOLAR



LED 45W 4000K
ULOR INST = 0,00%



12V



LED OSRAM	3000K <small>NEW</small>	4000K
30W 20 LED 2.200/3.179 lm	80-3257-BP-CL	80-3257-BP-37
45W 20 LED 3.301/4.379 lm	80-3258-BP-CL	80-3258-BP-37
65W 28 LED 4.767/6.117 lm	80-3275-BP-CL	80-3275-BP-37



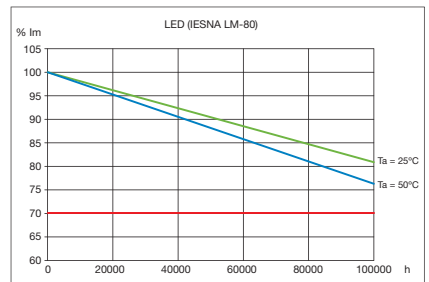
CLASSIC P. 522 NIKOLSON P. 523 CONICAL P. 520 SOLAR-ECO TOP P. 525 SOLAR-TECH TOP P. 525



CLASSIC	4m	81-3123-BP-BP	71-4521-48-48	71-4524-48-48	✓	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP	71-4520-48-48	71-4524-48-48	✓	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV	71-4540-48-48	71-4525-48-48	✓	X	71-4531-48-48	X
	6m	81-4535-AV-AV	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
	5m	81-4534-AV-AV	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
	4m	81-3151-AV-AV	71-4520-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518
SOLAR-TECH TOP	5m	81-3255-AV-AV	71-4521-48-48	71-4525-48-48	✓	X	71-4531-48-48	P. 519
ARC TOP	ARM	82-3012-BP-BP						
CLASSIC	ARM	82-3124-BP-BP						



OUTDOOR | URBAN



SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUCIR LA PROYECCIÓN DE SOMBRAS.

EXCLUSIVE LEDS-C4 SYSTEM TO REDUCE SHADOWS.

SYSTÈME EXCLUSIF DE LEDS-C4 DESTINÉ À RÉDUIRE LA PROJECTION D'OMBRES.

EXKLUSIVES SYSTEM VON LEDS-C4 ZUR VERRINGERUNG VON SCHATTENWURF.

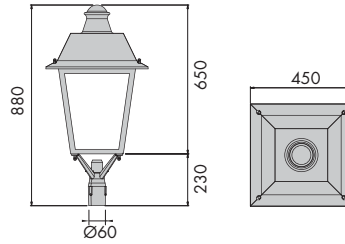
SISTEMA ESCLUSIVO DI LEDS-C4 PER RIDURRE LA PROIEZIONE DI OMBRE.

SISTEMA EXCLUSIVO DE LEDS-C4 PARA REDUZIR A PROJEÇÃO DE SOMBRAS.

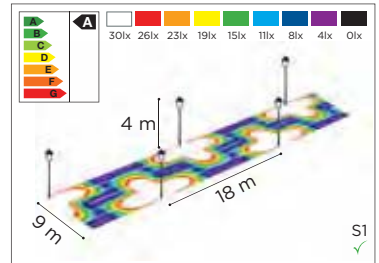
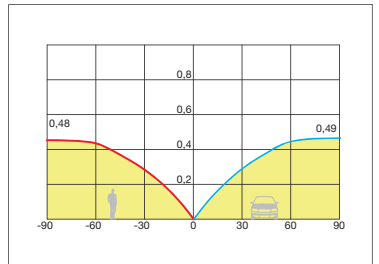
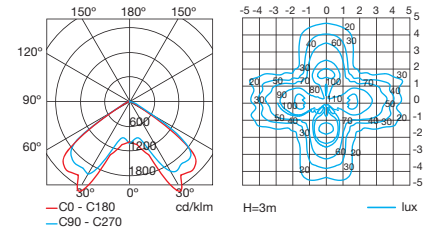
ЭКСКЛЮЗИВНАЯ СИСТЕМА LEDS-C4 ДЛЯ УМЕНЬШЕНИЯ ОТБРАСЫВАНИЯ ТЕНЕЙ.

EKSKLUZYWNY SYSTEM LEDS-C4 DLA ZMNIEJSZENIA RZUCANIA CIENI.

BOHEMIA LED

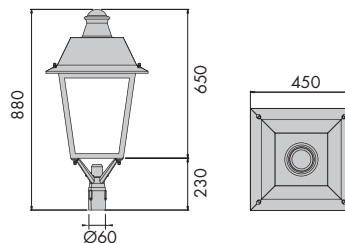


LED 45W 4000K
ULOR INST = 1,20%

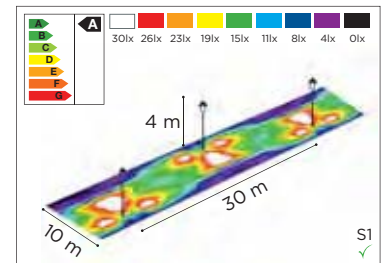
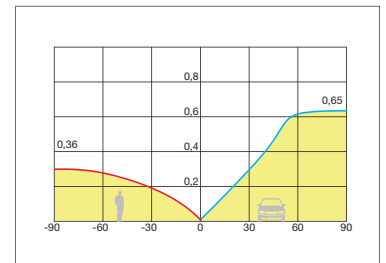
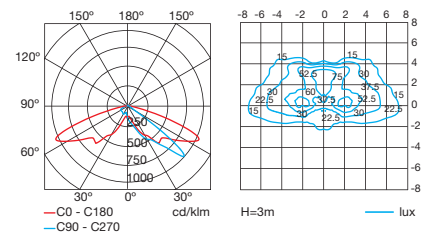


LED OSRAM			3000K <small>NEW</small>	4000K
30W	16 LED	2.200/3.103 lm	80-4538-BP-CL	80-4538-BP-37
45W	20 LED	3.301/4.283 lm	80-4528-BP-CL	80-4528-BP-37
65W	28 LED	4.767/5.970 lm	80-8928-BP-CL	80-8928-BP-37
65W	28 LED	4.767/5.970 lm	BIPOWER 80-5042-BP-CL	80-5042-BP-37
65W	28 LED	4.767/5.970 lm	BIPOWER TIMED 80-5043-BP-CL	80-5043-BP-37

BOHEMIA LED



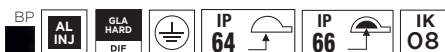
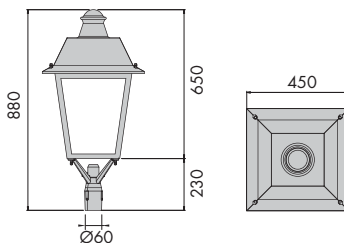
LED 45W 4000K
ULOR INST = 1,20%



LED OSRAM			3000K <small>NEW</small>	4000K
30W	16 LED	2.200/3.179 lm	80-2417-BP-CL	80-2417-BP-37
45W	20 LED	3.301/4.379 lm	80-2418-BP-CL	80-2418-BP-37
65W	28 LED	4.767/6.117 lm	80-8929-BP-CL	80-8929-BP-37
65W	28 LED	4.767/6.117 lm	BIPOWER 80-5044-BP-CL	80-5044-BP-37
65W	28 LED	4.767/6.117 lm	BIPOWER TIMED 80-5045-BP-CL	80-5045-BP-37



BOHEMIA HID



E-27

35W	MH	80-4652-BP-37
70W	HPS-MH	80-4654-BP-37
70W	HPS BIPOWER	80-4655-BP-37
70W	HPS BIPOWER TIMED	80-4656-BP-37

E-40

100W	HPS-MH	80-4660-BP-37
100W	HPS BIPOWER	80-4661-BP-37
100W	HPS BIPOWER TIMED	80-4662-BP-37
150W	HPS-MH	80-4666-BP-37
150W	HPS BIPOWER	80-4667-BP-37
150W	HPS BIPOWER TIMED	80-4668-BP-37

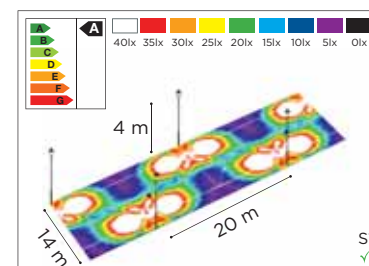
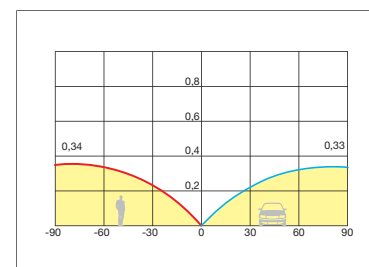
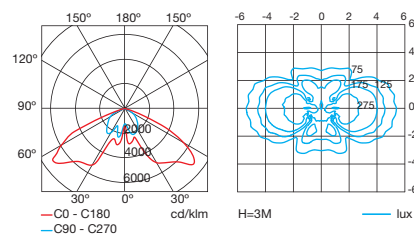
G-12

70W	MH	80-4799-BP-37
100W	MH	80-4801-BP-37
150W	MH	80-4803-BP-37

PGZ-12 COSMOWHITE

45W	MH	80-4649-BP-37
60W	MH	80-4650-BP-37
90W	MH	80-4651-BP-37

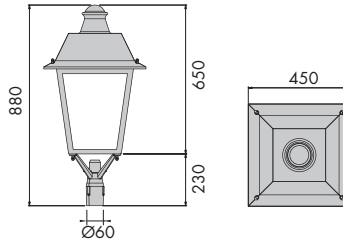
HPS 70W
ULOR INST = 1,00%



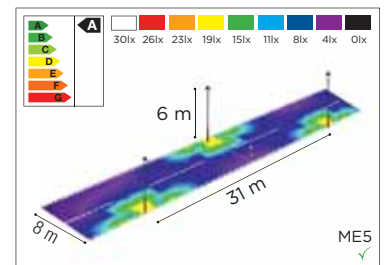
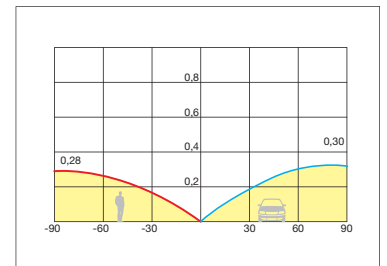
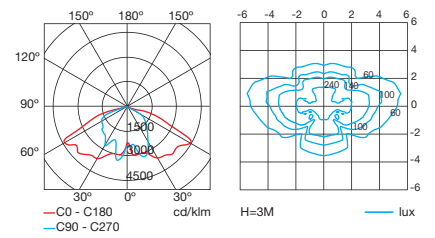
OUTDOOR | URBAN



BOHEMIA HID



HPS 70W
ULOR INST = 1,00%



E-27

35W	MH	80-4525-BP-37
70W	HPS-MH	80-3001-BP-37
70W	HPS BIPOWER	80-3004-BP-37
70W	HPS BIPOWER TIMED	80-3007-BP-37

E-40

100W	HPS-MH	80-3002-BP-37
100W	HPS BIPOWER	80-3005-BP-37
100W	HPS BIPOWER TIMED	80-3008-BP-37
150W	HPS-MH	80-3003-BP-37
150W	HPS BIPOWER	80-3006-BP-37
150W	HPS BIPOWER TIMED	80-3009-BP-37

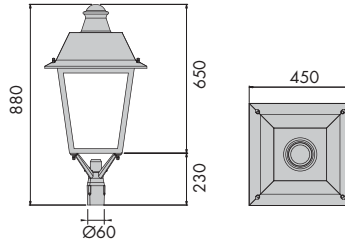
G-12

70W	MH	80-4793-BP-37
100W	MH	80-4795-BP-37
150W	MH	80-4797-BP-37

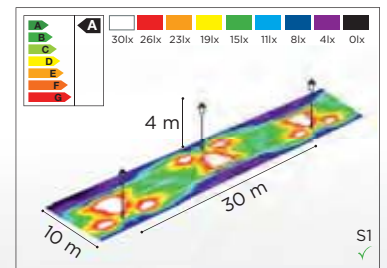
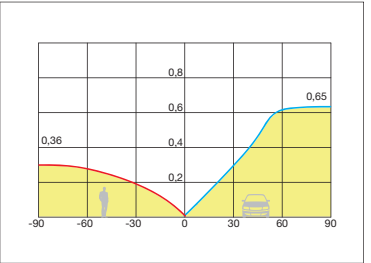
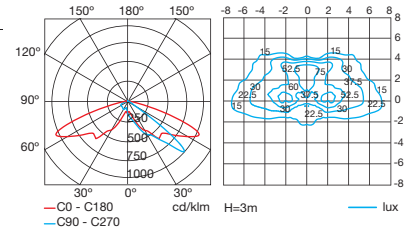
PGZ-12 COSMOWHITE PHILIPS

45W	MH	80-4595-BP-37
60W	MH	80-4596-BP-37
90W	MH	80-4597-BP-37

BOHEMIA SOLAR



LED 45W 4000K
ULOR INST = 1,20%



12V



LED OSRAM		3000K NEW		4000K	
30W	20 LED	2.200/3.179 lm	80-3261-BP-CL	80-3261-BP-37	
45W	20 LED	3.301/4.379 lm	80-3262-BP-CL	80-3262-BP-37	
65W	28 LED	4.767/6.117 lm	80-3276-BP-CL	80-3276-BP-37	



CLASSIC P. 522 NIKOLSON P. 523 CONICAL P. 520 SOLAR-ECO TOP P. 525 SOLAR-TECH TOP P. 525



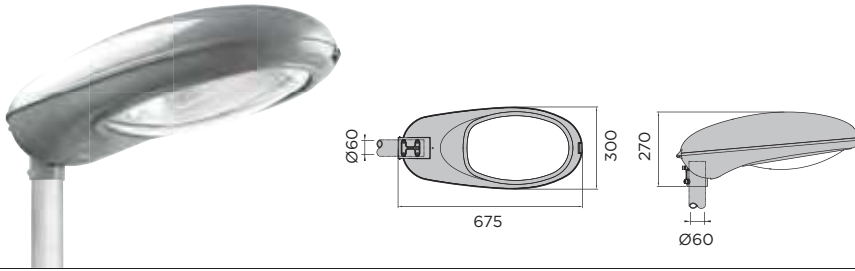
CLASSIC	4m	81-3123-BP-BP ■	71-4521-48-48	71-4524-48-48	✓	X	71-3148-48-48	X
NIKOLSON	4m	81-3145-BP-BP ■	71-4520-48-48	71-4524-48-48	✓	X	71-3128-48-48	X
CONICAL	7m	81-3149-AV-AV ▨	71-4540-48-48	71-4525-48-48	✓	X	71-4531-48-48	X
	6m	81-4535-AV-AV ▨	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
	5m	81-4534-AV-AV ▨	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
	4m	81-3151-AV-AV ▨	71-4520-48-48	71-4524-48-48	✓	X	71-4531-48-48	X
SOLAR-ECO TOP	5m	81-3256-AV-AV ■	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518
SOLAR-TECH TOP	5m	81-3255-AV-AV ■	71-4521-48-48	71-4525-48-48	✓	X	71-4531-48-48	P. 519
ARC TOP	ARM	82-3012-BP-BP ■						
CLASSIC	ARM	82-3124-BP-BP ■						



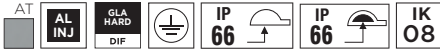
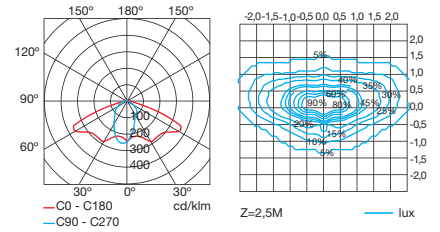
OUTDOOR | URBAN



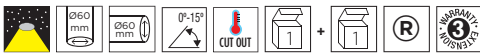
ROADWAY HID



HPS 150W
ULOR INST = 0,00%



VOSSLOH
ELT 230V
50Hz



E-27

70W	HPS - MH	80-3071-AT-37
70W	HPS BIPOWER	80-3074-AT-37
70W	HPS BIPOWER TIMED	80-3083-AT-37

E-40

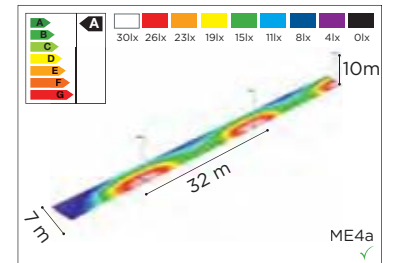
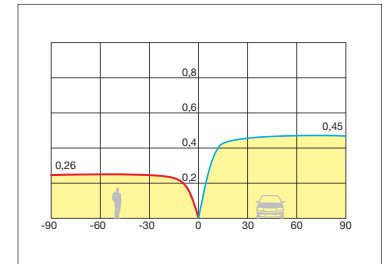
WITHOUT GEAR		80-4771-AT-37
100W	HPS - MH	80-3072-AT-37
100W	HPS BIPOWER	80-3075-AT-37
100W	HPS BIPOWER TIMED	80-3084-AT-37
150W	HPS - MH	80-3073-AT-37
150W	HPS BIPOWER	80-3076-AT-37
150W	HPS BIPOWER TIMED	80-3085-AT-37
250W	HPS - MH	80-3081-AT-37
250W	HPS BIPOWER	80-3082-AT-37
250W	HPS BIPOWER TIMED	80-3086-AT-37
400W	HPS - MH	80-2674-AT-37
400W	HPS BIPOWER	80-3252-AT-37
400W	HPS BIPOWER TIMED	80-3253-AT-37

G-12

70W	MH	80-4838-AT-37
100W	MH	80-4840-AT-37
150W	MH	80-4842-AT-37

PGZ-12 COSMOWHITE PHILIPS

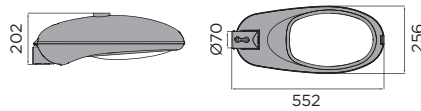
45W	MH	80-4598-AT-37
60W	MH	80-4599-AT-37
90W	MH	80-4600-AT-37
140W	MH	80-4601-AT-37



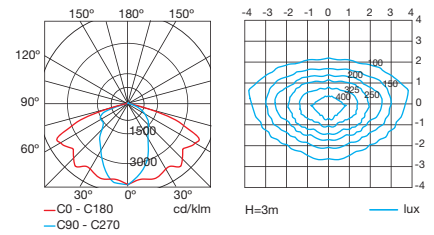
OUTDOOR | URBAN



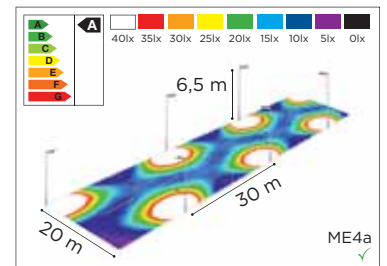
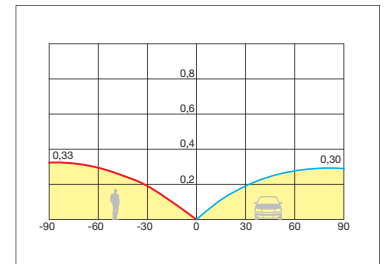
MINI ROADWAY HID



HPS 150W
ULOR INST = 0,00%



VOSSLOH 230V 50Hz



E-27

50W	HPS	80-2438-AT-37
50W	HPS BIPOWER	80-2442-AT-37
50W	HPS BIPOWER TIMED	80-2446-AT-37
70W	HPS - MH	80-2439-AT-37
70W	HPS BIPOWER	80-2443-AT-37
70W	HPS BIPOWER TIMED	80-2447-AT-37

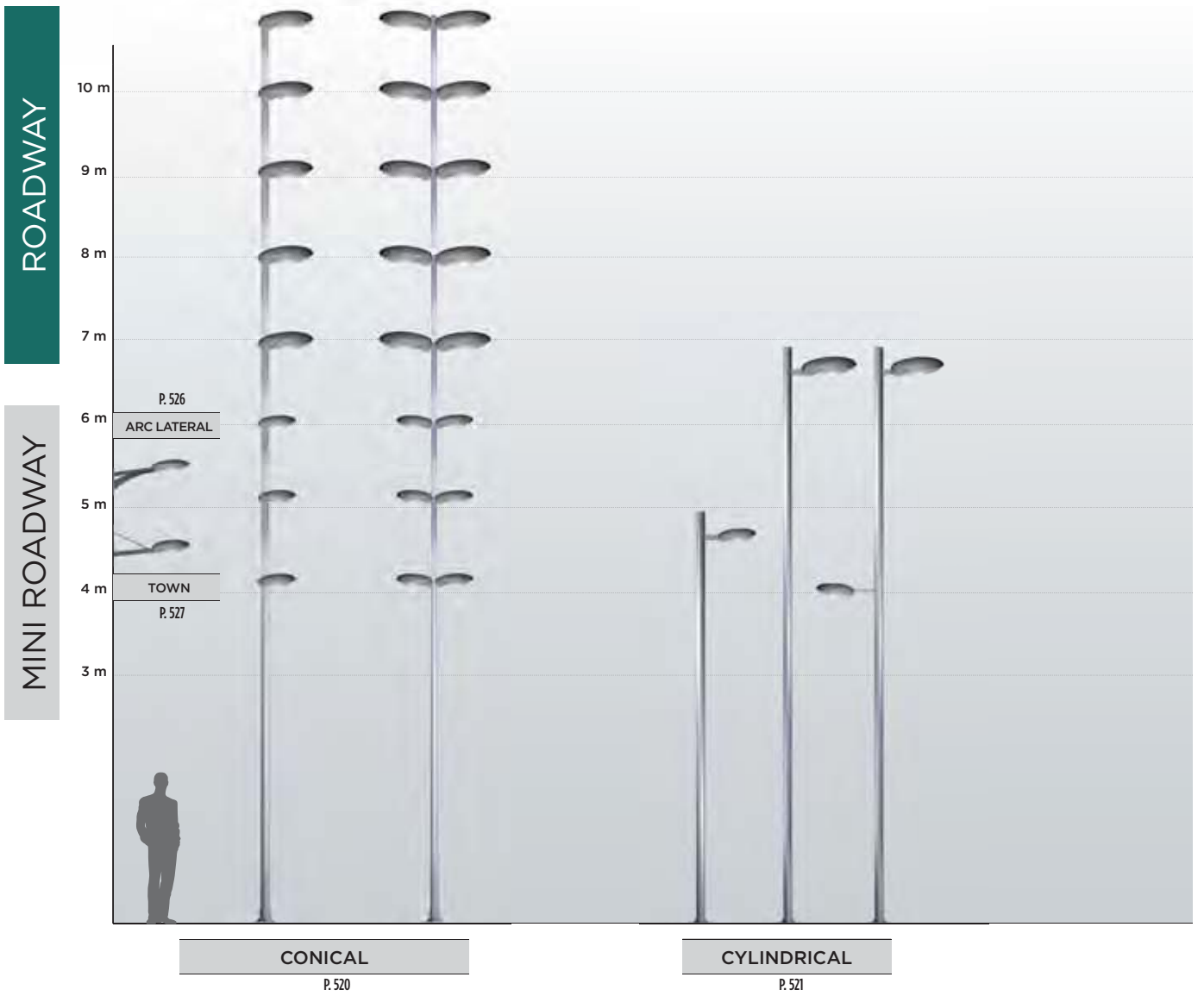
E-40







100W	HPS - MH	80-2440-AT-37
100W	HPS BIPOWER	80-2444-AT-37
100W	HPS BIPOWER TIMED	80-2448-AT-37
150W	HPS - MH	80-2441-AT-37
150W	HPS BIPOWER	80-2445-AT-37
150W	HPS BIPOWER TIMED	80-2449-AT-37



OUTDOOR | URBAN





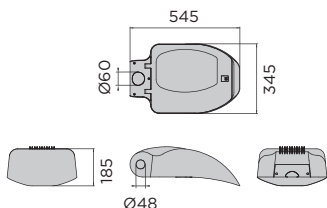
								
ROADWAY	CONICAL	10m	81-4538-AV-AV ■■	71-4541-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48
		9m	81-4537-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48
		8m	81-4536-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48
		7m	81-3149-AV-AV ■■	71-4540-48-48	71-4525-48-48	✓	71-4555-AV-AV ■■	71-4531-48-48
ROADWAY	CYLINDRICAL	7+ 4m	81-3133-AU-AU ■	71-4522-48-48	71-4525-48-48	✓	X	71-3128-48-48
		7m	81-3132-AU-AU ■	71-4522-48-48	71-4525-48-48	✓	X	71-3128-48-48
ROADWAY	ARC LATERAL	ARM	82-3030-BQ-BQ ■			✓		
ROADWAY	TOWN	ARM	82-3029-BQ-BQ ■			✓		

MINI ROADWAY	CONICAL	6m	81-4535-AV-AV ■■	71-4539-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48
		5m	81-4534-AV-AV ■■	71-4539-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48
		4m	81-3151-AV-AV ■■	71-4520-48-48	71-4524-48-48	71-4554-AV-AV ■■	71-4555-AV-AV ■■	71-4531-48-48
MINI ROADWAY	CYLINDRICAL	5m	81-3128-AU-AU ■	71-4539-48-48	71-4524-48-48	✓	X	71-3128-48-48
MINI ROADWAY	ARC LATERAL	ARM	82-3030-BQ-BQ ■			✓		
MINI ROADWAY	TOWN	ARM	82-3029-BQ-BQ ■					

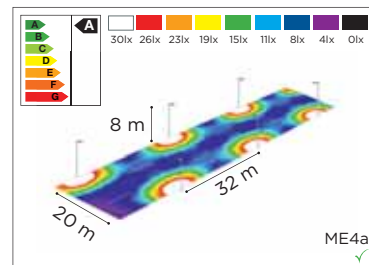
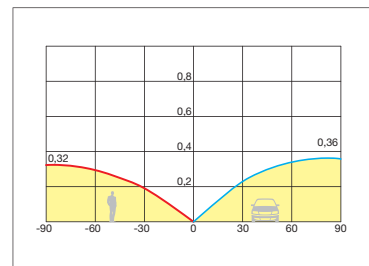
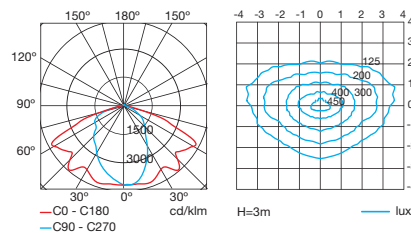




GAVINA HID



HPS 150W
ULOR INST = 0,01%



E-27

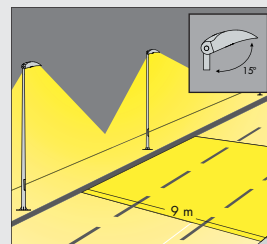
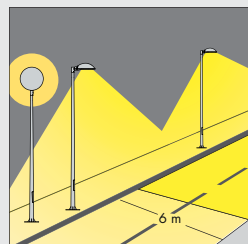
70W	HPS - MH	80-3044-BS-37
70W	HPS BIPOWER	80-3047-BS-37
70W	HPS BIPOWER TIMED	80-3054-BS-37

E-40

100W	HPS - MH	80-3045-BS-37
100W	HPS BIPOWER	80-3048-BS-37
100W	HPS BIPOWER TIMED	80-3055-BS-37
150W	HPS - MH	80-3046-BS-37
150W	HPS BIPOWER	80-3049-BS-37
150W	HPS BIPOWER TIMED	80-3056-BS-37

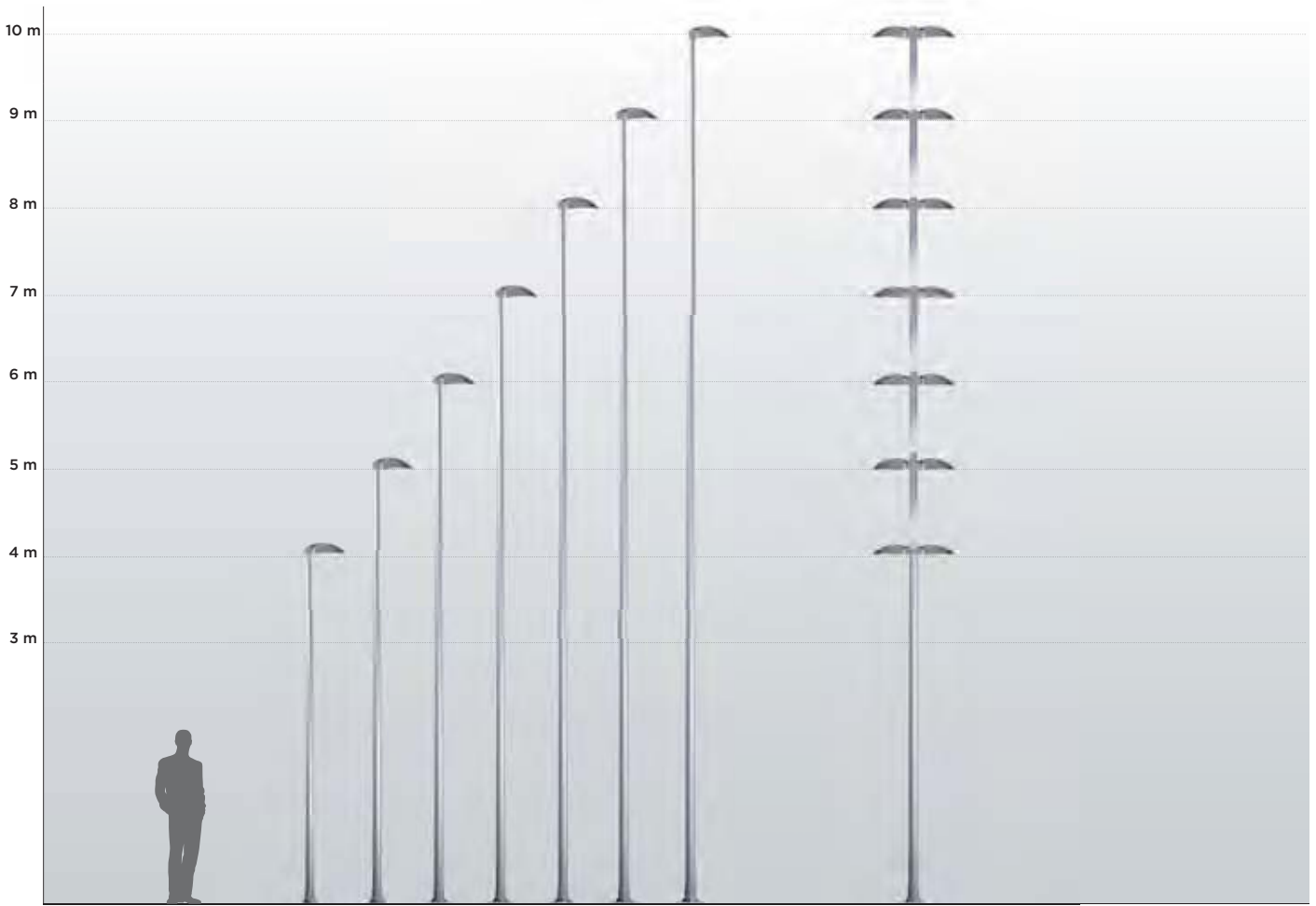
G-12

70W	MH	80-4829-BS-37
100W	MH	80-4831-BS-37
150W	MH	80-4833-BS-37



OUTDOOR | URBAN





CONICAL

P. 520



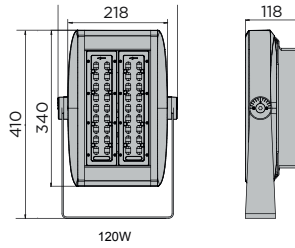
	10m	81-4538-AV-AV	III	71-4541-48-48	71-4525-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
CONICAL	9m	81-4537-AV-AV	III	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
	8m	81-4536-AV-AV	III	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
	7m	81-3149-AV-AV	III	71-4540-48-48	71-4525-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
	6m	81-4535-AV-AV	III	71-4539-48-48	71-4524-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
	5m	81-4534-AV-AV	III	71-4539-48-48	71-4524-48-48	✓	71-3044-AV-AV	III	71-4531-48-48
	4m	81-3151-AV-AV	III	71-4520-48-48	71-4524-48-48	✓	71-3044-AV-AV	III	71-4531-48-48



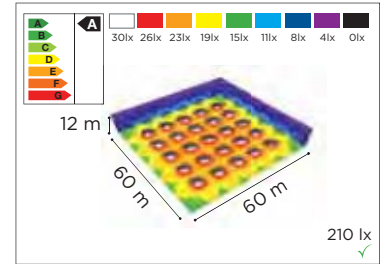
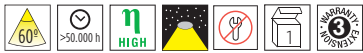
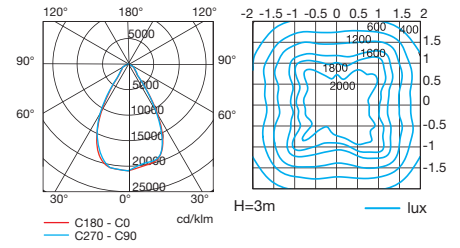


PREMIER

NEW



LED 120W 4000K
ULOR INST = 0%



LED LUMILED

4000K

120W 36 LED 12.868 lm

80-4972-BQ-M2



Protección sobretensiones 10kA. /
Surge protection 10kA. /
Protecteur de surtension 10kA. /
Überspannungsschutz 10kA. /
Protetto dalla sovrensione da 10kA. /
Сетевой фильтр 10kA. /
Zabezpieczenie Przeciwpzepięciowe 10kA. /



OUTDOOR | URBAN

Cambia a fuente de luz led sin sustituir la luminaria y benefíciese de las ventajas de la tecnología led.

Change to led light source without replacing the luminaire and benefit from the advantages of led technology.

Passez à une source lumineuse led sans changer de luminaire et profitez des avantages de la technologie led.

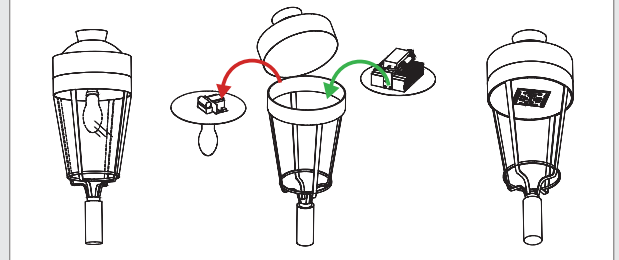
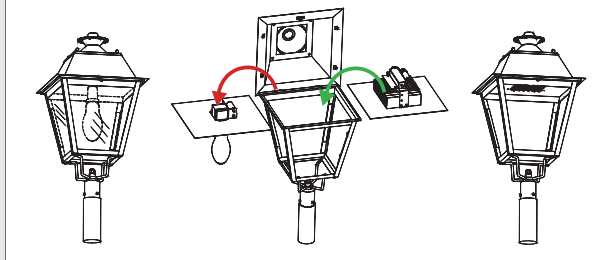
Zum wechsel der led-lichtquelle ohne auswechseln der leuchte, um die vorteile der led-technologie zu nutzen.

Cambia e scegli una fonte di luce led senza sostituire la lampada e beneficia dei vantaggi della tecnologia led.

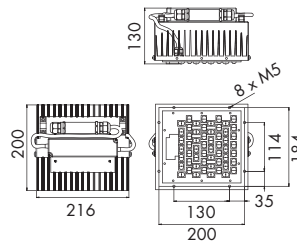
Troque a fonte de luz led sem substituir a luminária e beneficie das vantagens da tecnologia led.

Перейдите на светоизлучающие диоды без замены светильников и воспользуйтесь преимуществами светодиодных технологий.

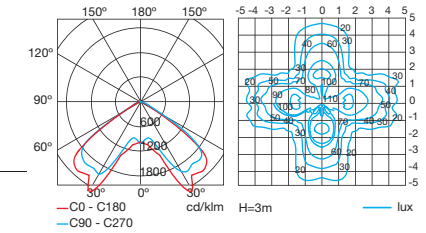
Przejdź na źródło światła opartego na diodach bez wymieniaania oprawy oświetleniowej i skorzystaj z zalet technologii led.



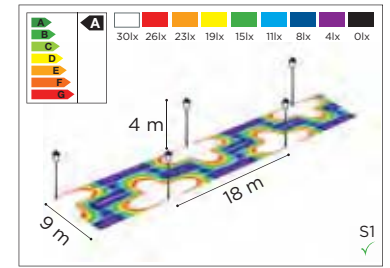
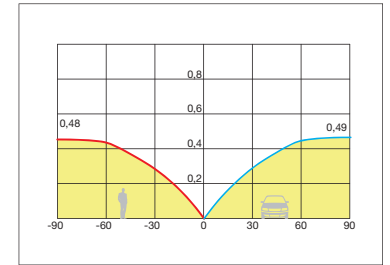
LED KIT



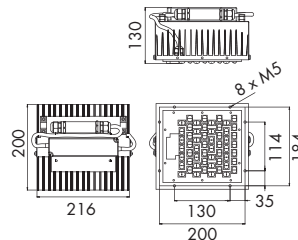
LED 45W 4000K
ULOR INST = 1,20%



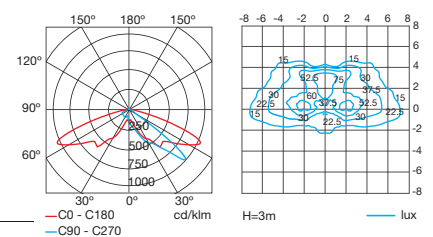
LED OSRAM			3000K NEW	4000K
30W	16 LED	2.200/3.103 lm	71-2474-05-CL ⁽¹⁾	71-2474-05-M2 ⁽¹⁾
45W	20 LED	3.301/4.283 lm	71-1938-05-CL ⁽¹⁾	71-1938-05-M2 ⁽¹⁾
65W	28 LED	4.767/5.970 lm	71-2654-05-CL ⁽¹⁾	71-2654-05-M2V1 ⁽¹⁾



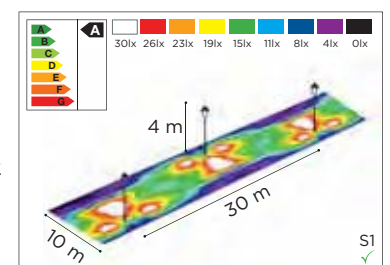
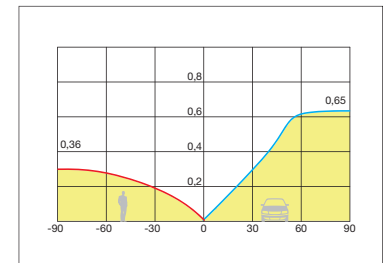
LED KIT



LED 45W 4000K
ULOR INST = 0,99%



LED OSRAM			3000K NEW	4000K
30W	16 LED	2.200/3.179 lm	71-2473-05-CL ⁽¹⁾	71-2473-05-M2 ⁽¹⁾
45W	20 LED	3.301/4.379 lm	71-1939-05-CL ⁽¹⁾	71-1939-05-M2 ⁽¹⁾
65W	28 LED	4.767/6.117 lm	71-2625-05-CL ⁽¹⁾	71-2625-05-M2V1 ⁽¹⁾

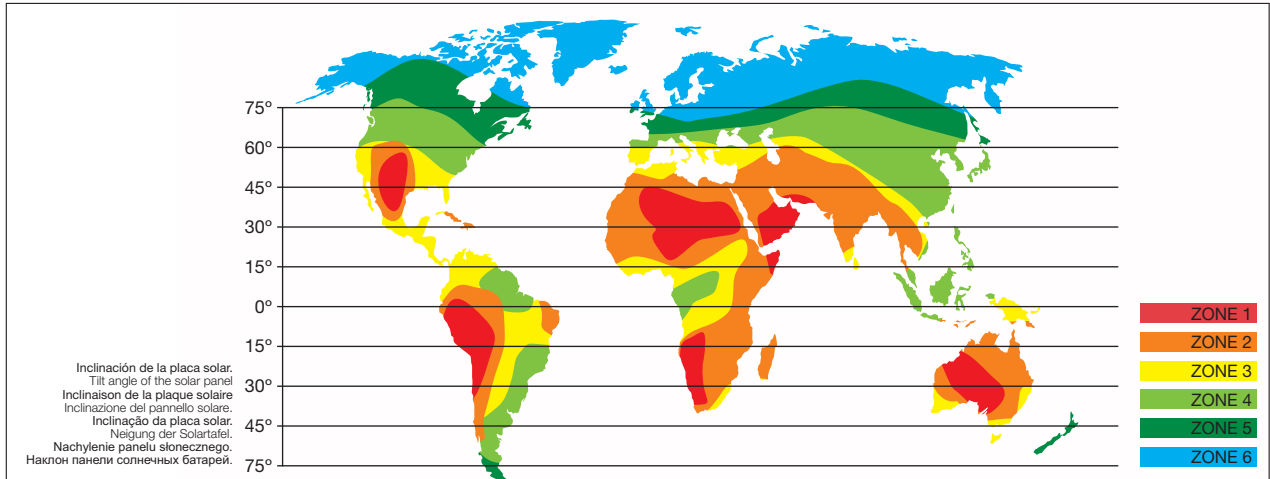


(1) NOTA: EL PRECIO NO INCLUYE LA CHAPA METÁLICA PARA ADAPTAR EL KIT LED A LA LUMINARIA DEL CLIENTE.
 (1) NOTE: THE PRICE DOES NOT INCLUDE THE METAL PLATE TO ADAPT THE LED KIT TO THE CLIENT'S LUMINAIRE.
 (1) N. B. : LE PRIX NE COMPREND PAS LA PLAQUE MÉTALLIQUE NÉCESSAIRE POUR ADAPTER LE KIT LED AU LUMINAIRE DU CLIENT.
 (1) HINWEIS: IM PREIS NICHT ENHALTEN IST DAS METALLBLECH ZUR ANPASSUNG DES LED-KITS AN DIE LEUCHTE DES KUNDEN.
 (1) NOTA: IL PREZZO NON COMPRENDE LA LASTRA METALLICA PER ADATTARE IL KIT LED ALLA LUCE DEL CLIENTE.
 (1) NOTA: O PREÇO NÃO INCLUI A CHAPA METÁLICA PARA ADAPTAR O KIT LED À LUMINÁRIA DO CLIENTE.
 (1) ПРИМЕЧАНИЕ: В ЦЕНУ НЕ ВКЛЮЧЕНА МЕТАЛЛИЧЕСКАЯ ПЛАСТИНА ДЛЯ АДАПТАЦИИ СВЕТОДИОДНЫХ КОМПЛЕКТОВ К СВЕТИЛЬНИКАМ КЛИЕНТА.
 (1) UWAGA: CENA NIE OBEJMUJE METALOWEJ BLACHY DO DOSTOSOWANIA ZESTAWU LED DO OPRAWY OŚWIETLENIOWEJ KLIENKA.



OUTDOOR | URBAN

Zonas según radiación solar anual media (kWh/m²)
 Zones by average annual solar radiation (KWh/m²)
 Zones en fonction de la radiation solaire annuelle moyenne (kWh/m²)
 Zone in base alla radiazione solare media annua (kWh/m²)
 Zonas segundo a radiação solar anual média (kWh/m²)
 Bereiche nach durchschnittlicher jährlicher Sonneneinstrahlung (kWh/m²)
 Strefy w zależności od średniego rocznego promieniowania słonecznego (kWh/m²)
 Зоны в соответствии со среднегодовой солнечной радиацией (Квтч/м²)



SOLAR-ECO[®] KIT



El código incluye un panel fotovoltaico con soporte regulable y un armario anti-vandálico con batería y controlador.

Autonomía de dos días. Cinco posibilidades de regulación: 2h, 4h, 6h, "3h + apagado + 1h" y "4h + apagado + 2h". Batería con 700 ciclos de carga garantizados.

O código inclui um painel fotovoltaico com suporte regulável e um armário antivandalismo com bateria e controlador.

Autonomia de dois dias. Cinco possibilidades de regulação: 2 h, 4 h, 6 h, "3 h + apagado + 1 h" e "4 h + apagado + 2 h". Bateria com 700 ciclos de carga garantidos.

The code includes a photovoltaic panel with adjustable support and an anti-vandal cabinet with battery and controller.

Two-day autonomy. Five possible settings: 2h, 4h, 6h, "3h + off + 1h" and "4h + off + 2h". Battery with 700 charge cycles guaranteed.

Zum Lieferumfang des Artikels gehört eine Solartafel mit regulierbarer Halterung und ein vandalismussicherer Schaltschrank mit Akku und Steuerung.

Zwei Tage Betriebsautonomie. Fünf Einstelloptionen: 2Std., 4Std., 6 Std., "3Std. + Aus + 1Std." und "4Std. + Aus + 2Std.". Akku mit garantierten 700 Ladezyklen.

Le produit comprend un panneau photovoltaïque avec support réglable et une armoire antivandalisme munie d'une batterie et d'un contrôleur.

Deux jours d'autonomie. Cinq possibilités de réglage : 2 h, 4 h, 6 h, « 3 h + éteint + 1 h » et « 4 h + éteint + 2 h ». Batterie garantissant 700 cycles de charge.

КОМПЛЕКТ АРТИКУЛА ВКЛЮЧАЕТ В СЕБЯ ФОТОЭЛЕКТРИЧЕСКИЕ ПАНЕЛИ С РЕГУЛИРУЕМЫМ КРОНШТЕЙНОМ И ШКАФ С ЗАЩИТОЙ ОТ ВАНДАЛОВ С АККУМУЛЯТОРОМ И КОНТРОЛЛЕРОМ.

ДВУХДНЕВНАЯ АВТОНОМНАЯ РАБОТА. ПЯТЬ ВОЗМОЖНЫХ НАСТРОЕК: 2 Ч, 4, 6 Ч, "3 Ч + ВЫКЛ + 1 Ч" И "4 Ч + ВЫКЛ + 2 Ч". АККУМУЛЯТОР С ГАРАНТИРОВАННЫМ КОЛИЧЕСТВОМ ЦИКЛОВ ЗАРЯДКИ (700 ЦИКЛОВ).

Il codice comprende un pannello fotovoltaico con supporto regolabile e un armadio antivandalo con batteria e regolatore.

Autonomia di due giorni. Cinque possibilità di regolazione: 2h, 4h, 6h, "3h + spento + 1h" e "4h + spento + 2h". Batteria con 700 cicli di carica garantiti.

Ten kod obejmuje panel fotowoltaiczny z regulowanym wspornikiem oraz szafę antywłamaniową z baterią i nastawnikiem.

Autonomia przez dwa dni. Pięć możliwości regulacji: 2h, 4h, 6h, "3h + wygaszanie + 1h" i "4h + wygaszanie + 2h". Bateria o zagwarantowanych 700 cyklach ładowania.



ESENCIAL



ELIPSE



MERIDIAN



BOHEMIA

	30W	45W
	2 ☾	2 ☾
ZONE 1	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 2	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 3	71-3255-00-00 (100%)*	71-3256-00-00 (100%)*
ZONE 4	71-3257-00-00 (100%)*	71-3256-00-00 (100%)*

SOLAR-TECH® KIT



El código incluye un panel fotovoltaico con soporte regulable y un armario anti-vandálico con batería y controlador.

The code includes a photovoltaic panel with adjustable support and an anti-vandal cabinet with battery and controller.

Le produit comprend un panneau photovoltaïque avec support réglable et une armoire antivandalisme munie d'une batterie et d'un contrôleur.

Il codice comprende un pannello fotovoltaico con supporto regolabile e un armadio antivandalo con batteria e regolatore.

Regulación por mppt. Compatible con sensor de presencia, comunicación rf y alimentación por red eléctrica. Reloj astronómico interno. Función "nunca apagado". Fusibles integrados y led de control de estado. Batería con 1.500 Ciclos de carga garantizados.

Mppt regulation. Compatible with presence detector, rf communication and power via mains supply. Internal astronomical clock. "Never off" function. Integrated fuses and status control leds. Battery with 1500 charge cycles guaranteed.

Réglage par mppt. Compatible avec détecteur de présence, communication rf et alimentation par réseau électrique. Horloge astronomique interne. Fonction « jamais éteint ». Fusibles intégrés et led de contrôle d'état. Batterie garantissant 1 500 cycles de charge.

Regolazione per mppt. Compatible con sensore di presenza, comunicazione rf e alimentazione tramite rete elettrica. Orologio astronomico interno. Funzione "mai spento". Fusibili integrati e led di controllo di stato. Batteria con 1500 cicli di carica garantiti.



ESENCIAL



ELIPSE



MERIDIAN



BOHEMIA

O código inclui um painel fotovoltaico com suporte regulável e um armário antivandalismo com bateria e controlador.

Zum Lieferumfang des Artikels gehört eine Solartafel mit regulierbarer Halterung und ein vandalismussicherer Schaltschrank mit Akku und Steuerung.

КОМПЛЕКТ АРТИКУЛА ВКЛЮЧАЕТ В СЕБЯ ФОТОЭЛЕКТРИЧЕСКИЕ ПАНЕЛИ С РЕГУЛИРУЕМЫМ КРОНШТЕЙНОМ И ШКАФ С ЗАЩИТОЙ ОТ ВАНДАЛОВ С АККУМУЛЯТОРОМ И КОНТРОЛЛЕРОМ.

Ten kod obejmuje panel fotowoltaiczny z regulowanym wspornikiem oraz szafę antywłamaniową z baterią i nastawnikiem.

Regulação por mppt. Compatível com sensor de presença, comunicação rf e alimentação por rede elétrica. Relógio astronómico interno. Função "nunca apagado". Fusíveis integrados e led de controlo de estado. Batería com 1500 ciclos de carga garantidos.

Regulierung per mppt. Kompatibel mit anwesenheitssensor, funk-datenübertragung und anschluss ans stromnetz. Mit integrierter astronomischer uhr. Immer-an-funktion. Mit integrierten sicherungen und led zur statuskontrolle. Akku mit garantierten 1500 ladezyklen.

РЕГУЛИРОВКА С ПОМОЩЬЮ МРРТ. СОВМЕСТИМОСТЬ С ДАТЧИКОМ ПРИСУТСТВИЯ, РАДИОСВЯЗЬЮ И ЭЛЕКТРИЧЕСКОЙ СЕТЬЮ ПИТАНИЯ. ВНУТРЕННИЕ АСТРОНОМИЧЕСКИЕ ЧАСЫ. ФУНКЦИЯ " НИКОГДА НЕ ВЫКЛЮЧЕН". ВСТРОЕННЫЕ ПРЕДОХРАНИТЕЛИ И СВЕТОДИОД КОНТРОЛЯ СОСТОЯНИЯ. АККУМУЛЯТОР С ГАРАНТИРОВАННЫМ КОЛИЧЕСТВОМ ЦИКЛОВ ЗАРЯДКИ 1.500.

Regulacja za pomocą mppt. Kompatybilna z czujnikiem obecności, łączność częstotliwością radiową i zasilanie z sieci elektrycznej. Wewnętrzny zegar astronomiczny. Funkcja "nigdy niewyłączony". Wbudowane bezpieczniki i led kontroli stanu. Bateria o zagwarantowanych 1500 cyklach ładowania.

	30W		45W		65W
	3 ☾	6 ☾	2 ☾	4 ☾	3 ☾
ZONE 1	71-2468-00-00 (100%)*	71-2467-00-00 (100%)*	71-2468-00-00 (85%)*	71-2467-00-00 (85%)*	71-4768-00-00 (95%)*
ZONE 2	71-2468-00-00 (95%)*	71-2467-00-00 (95%)*	71-4769-00-00 (100%)*	71-4768-00-00 (100%)*	71-4768-00-00 (85%)*
ZONE 3	71-2468-00-00 (90%)*	71-2467-00-00 (90%)*	71-4769-00-00 (95%)*	71-4768-00-00 (95%)*	71-2509-00-00 (100%)*
ZONE 4	71-4769-00-00 (100%)*	71-4768-00-00 (100%)*	71-4769-00-00 (90%)*	71-4768-00-00 (90%)*	71-2509-00-00 (85%)*
ZONE 5	71-4769-00-00 (90%)*	71-4768-00-00 (90%)*	71-2508-00-00 (90%)*	71-2509-00-00 (90%)*	

*PROMEDIO DE FLUJO LUMÍNICO ANUAL GARANTIZADO.

*AVERAGE ANNUAL LUMINOUS FLUX GUARANTEED.

*MOYENNE DE FLUX LUMINEUX ANNUEL GARANTI.

*GARANTIERER JÄHRLICHER DURCHSCHNITTLICHTFLUSS.

*MEDIA DI FLUSSO LUMINOSO ANNUO GARANTITA.

*MÉDIA DE FLUXO LUMINOSO ANUAL GARANTIDA.

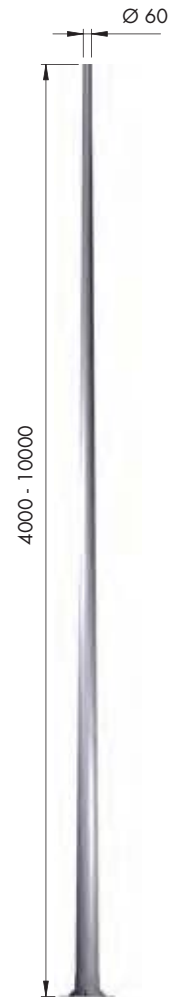
*ГАРАНТИРОВАННЫЙ СРЕДНИЙ ГОДОВОЙ СВЕТОВЫЙ ПОТОК.



*ZAGWARANTOWANA ŚREDNIA ROCZNA STRUMIENIA ŚWIETLNEGO.



OUTDOOR | URBAN

CONICAL



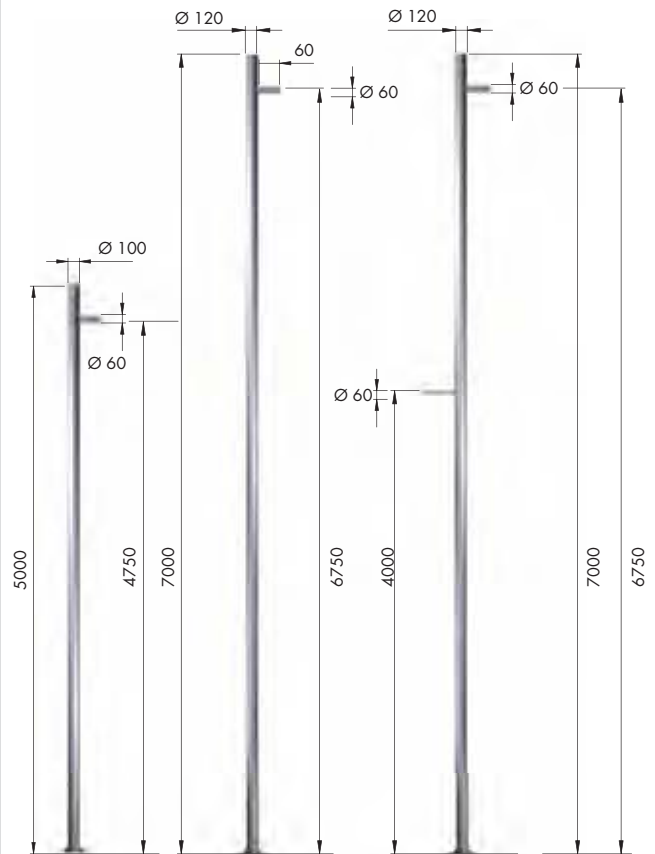
(1)  

71-4554-AV-AV 71-4555-AV-AV



CONICAL	10m	81-4538-AV-AV ■■■	71-4541-48-48	71-4525-48-48	71-4531-48-48
	9m	81-4537-AV-AV ■■■	71-4540-48-48	71-4525-48-48	71-4531-48-48
	8m	81-4536-AV-AV ■■■	71-4540-48-48	71-4525-48-48	71-4531-48-48
	7m	81-3149-AV-AV ■■■	71-4540-48-48	71-4525-48-48	71-4531-48-48
	6m	81-4535-AV-AV ■■■	71-4539-48-48	71-4524-48-48	71-4531-48-48
	5m	81-4534-AV-AV ■■■	71-4539-48-48	71-4524-48-48	71-4531-48-48
	4m	81-3151-AV-AV ■■■	71-4520-48-48	71-4524-48-48	71-4531-48-48

CYLINDRICAL



OUTDOOR | URBAN



CYLINDRICAL	4+7m	81-3133-AU-AU ■	71-4522-48-48	71-4525-48-48	71-3128-48-48
	7m	81-3132-AU-AU ■	71-4522-48-48	71-4525-48-48	71-3128-48-48
	5m	81-3128-AU-AU ■	71-4539-48-48	71-4524-48-48	71-3128-48-48

CLASSIC

BP 48 AC FUND IK 10 4m Ø60 mm



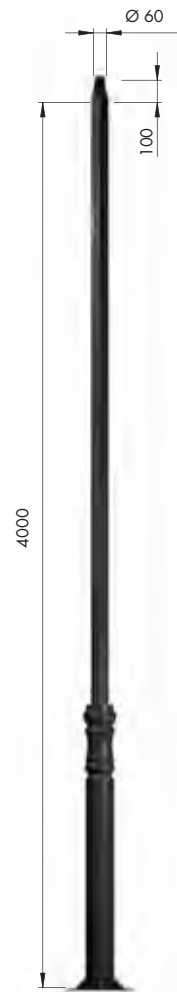
ELIPSE



MERIDIAN



BOHEMIA



CLASSIC 4m

81-3123-BP-BP ■

71-4521-48-48

71-4524-48-48

71-3148-48-48

NIKOLSON



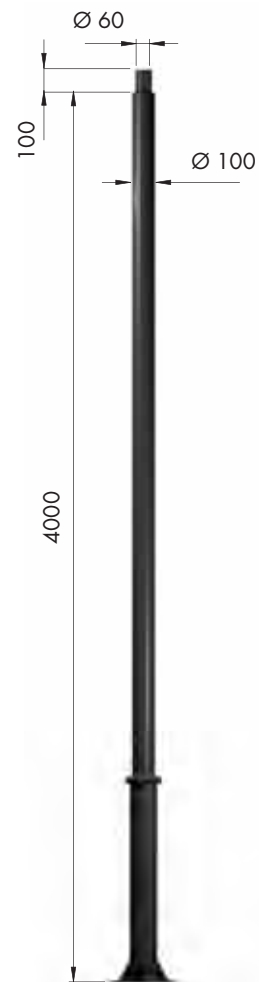
ELIPSE



MERIDIAN



BOHEMIA



NIKOLSON 4m

81-3145-BP-BP ■

71-4520-48-48

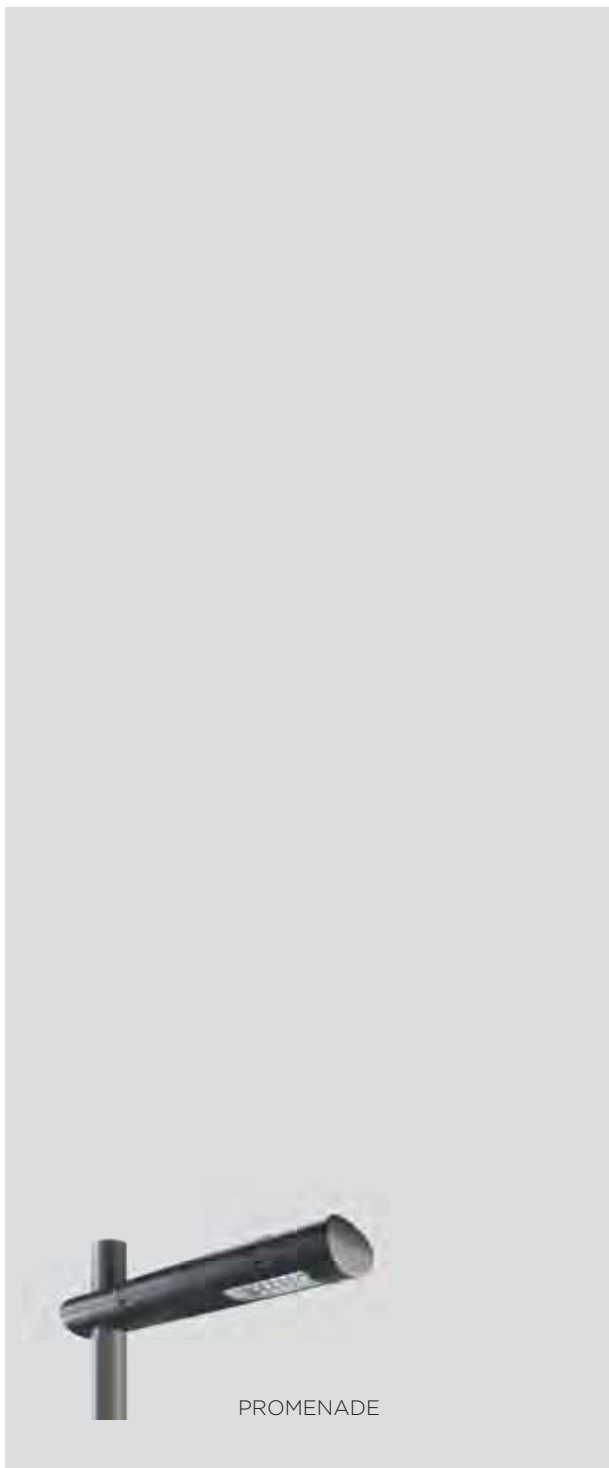
71-4524-48-48

71-3128-48-48



OUTDOOR | URBAN

PROMENADE



PROMENADE



	5 + 3 m	81-3140-AU-AU ■	71-4539-48-48	71-4524-48-48	71-4531-48-48
PROMENADE	5 m	81-3140-AU-AU ■	71-4539-48-48	71-4524-48-48	71-4531-48-48
	3 m	81-3137-AU-AU ■	71-4520-48-48	71-4524-48-48	71-4531-48-48

SOLAR



 LATERAL



ESENCIAL



ELIPSE

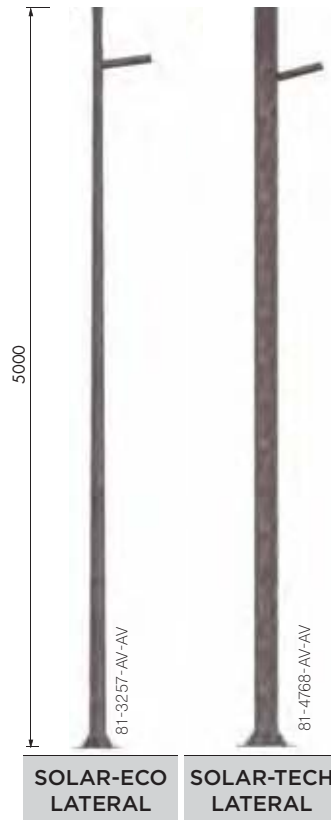
 TOP



MERIDIAN

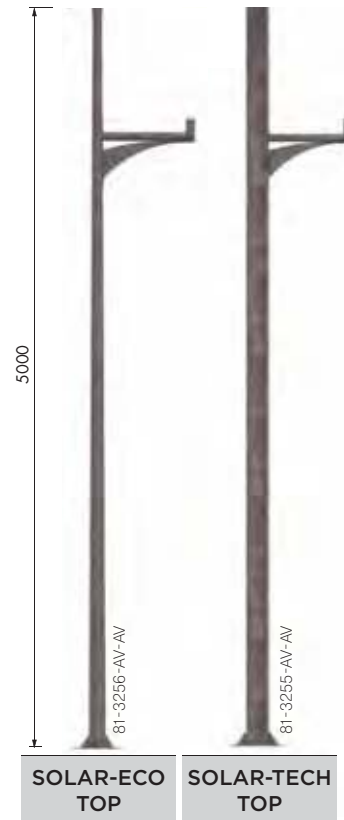


BOHEMIA



SOLAR-ECO LATERAL








SOLAR-TECH LATERAL



SOLAR-ECO TOP

SOLAR-TECH TOP



									
SOLAR-ECO LATERAL	5m	81-3257-AV-AV ■	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518	
SOLAR-TECH LATERAL	5m	81-4768-AV-AV ■	71-4521-48-48	71-4525-48-48	✓	X	71-4531-48-48	P. 519	
SOLAR-ECO TOP	5m	81-3256-AV-AV ■	71-4539-48-48	71-4524-48-48	✓	X	71-4531-48-48	P. 518	
SOLAR-TECH TOP	5m	81-3255-AV-AV ■	71-4521-48-48	71-4525-48-48	✓	X	71-4531-48-48	P. 519	

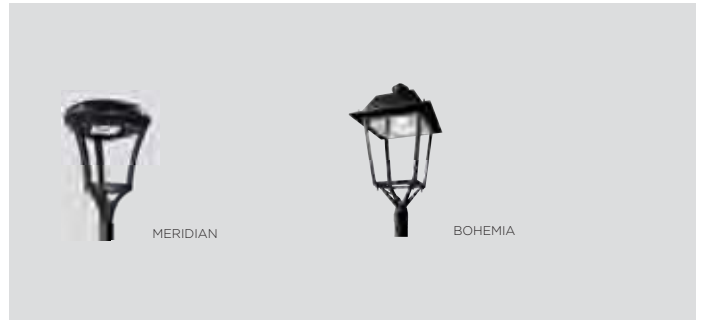
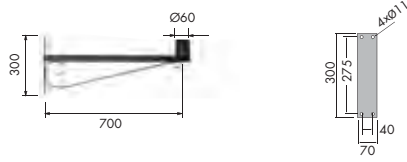


OUTDOOR | URBAN

CLASSIC



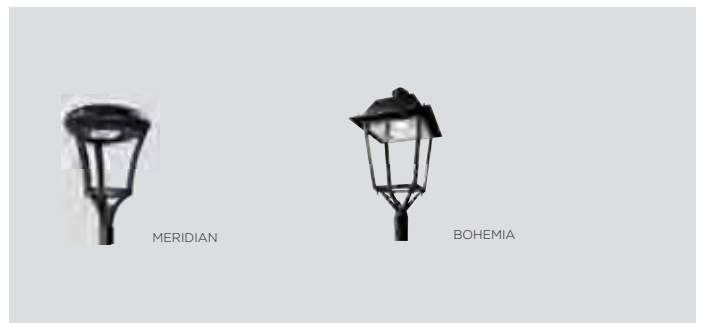
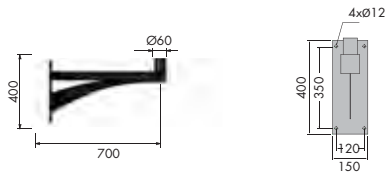
CLASSIC 82-3124-BP-BP ■



ARC TOP



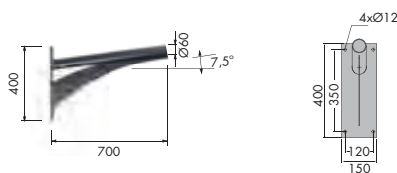
ARC TOP 82-3012-BP-BP ■



ARC LATERAL



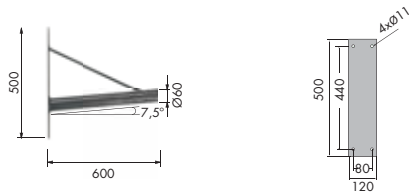
ARC LATERAL 82-3030-BQ-BQ ■



TOWN



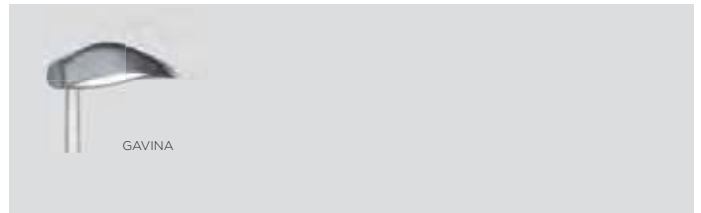
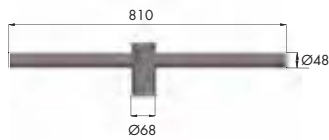
TOWN 82-3029-BQ-BQ ■



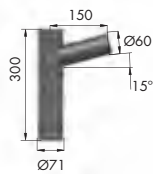
BRACKETS



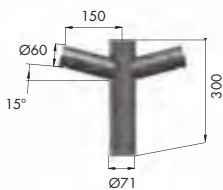
GAVINA DOUBLE BRACKET 71-3044-AV-AV III



SINGLE BRACKET 71-4554-AV-AV III



DOUBLE BRACKET 71-4555-AV-AV III



PILED ADAPTER 71-4553-AV-AV III

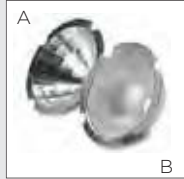




OUTDOOR



CROWNE PLAZA HOTEL. LIÈGE, BELGIUM



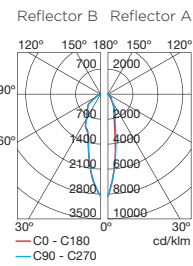
Visera + 2 reflectores incluidos
 Visor + 2 reflectors included
 Visière + 2 réflecteurs compris
 einsch. Schirm + 2 Reflektoren
 Visiera + 2 riflettori inclusi
 Viseira + 2 reflectores incluidos
 Прилагается защитный козырек + 2 отражателя
 Ostona + 2 odbłyśniki w komplecie

HUBBLE NEW

05-9501-34-37V1 ■

G8,5 35W HID A+ >> A

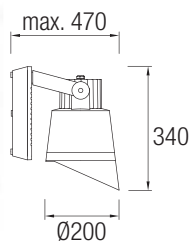
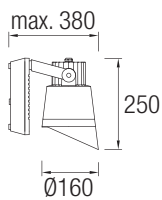
34	AL PUR	GLA TRAN DIF		IP 65	IK 05	
	FULHAM		100V 240V	50-60 Hz		



G8,5 35W	
D(m)	MedLux
0.50	1668
1.00	417
1.50	185
2.00	104
2.49	67

G8,5 35W	
D(m)	MedLux
0.29	4860
0.58	1215
0.87	540
1.17	304
1.46	194

H Alpha=14.0°+14.0° Alpha=8.3°+8.3°



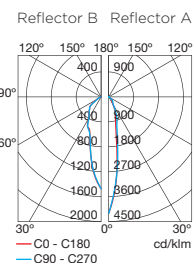
HUBBLE

05-9474-34-37V1 ■ 70W 100-240V NEW

05-9502-34-37 ■ 150W 220-240V

G12 HID A+ >> A

34	AL PUR	GLA TRAN DIF		IP 65	IK 05	
	OSRAM FULHAM		50-60 Hz			

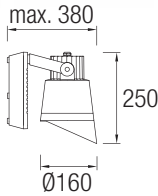


G12 70W	
D(m)	MedLux
1.05	1709
2.09	427
3.14	190
4.18	107
5.23	68

G12 70W	
D(m)	MedLux
0.46	6513
0.92	1628
1.38	724
1.85	407
2.31	261

H Alpha=26.5°+26.5° Alpha=12.7°+13.3°

SPOTLIGHTS

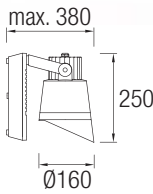
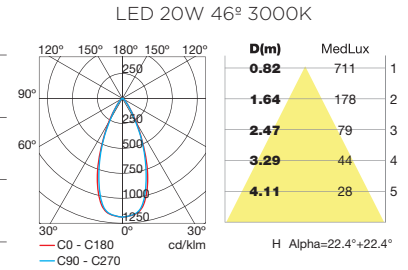


HUBBLE NEW

- 05-9626-34-CL 46° 3000K 1458 lm
- 05-9626-34-CM 46° 4000K 1656 lm
- 05-9850-34-CL 29° 3000K 1458 lm
- 05-9850-34-CM 29° 4000K 1656 lm
- 05-9849-34-CL 8° 3000K 1458 lm
- 05-9849-34-CM 8° 4000K 1656 lm

9 LED CREE 20W

34	AL PUR	GLA TRAN DIF		IP 65	IK 05		0,5M
	TCI		DALI	PUSH	100V 240V	50-60 Hz	

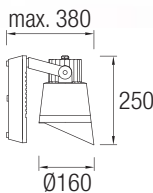


HUBBLE NEW

- 05-9830-34-37 46°
- 05-9861-34-37 29°
- 05-9859-34-37 8°

9 LED CREE 14W **RGBEASY+** 490lm

34	AL PUR	GLA TRAN DIF		IP 65	IK 05		0,5M
	P.787						



HUBBLE NEW

- 05-9831-34-37 46°
- 05-9862-34-37 29°
- 05-9860-34-37 8°

9 LED CREE 14W **RGBDMX** 490lm

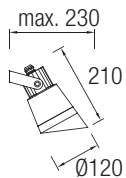
34	AL PUR	GLA TRAN DIF		IP 65	IK 05		0,5M
	MEANWELL+	DMX CONTROLLER		100V 240V	50-60 Hz		



Visera inclusa
Visor included
Visière comprise
einschl. Schirm
Visiera inclusa
Viseira incluida
Прилагается защитный козырек
Ostona w komplecie



PANS & COMPANY SABADELL. BARCELONA, SPAIN.



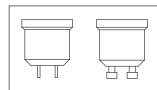
HUBBLE

05-9722-05-37 ■

05-9722-14-37 NEW

GU-10/MR-16 max. 35W / max. L= 80mm
Halogen - Fluorescent

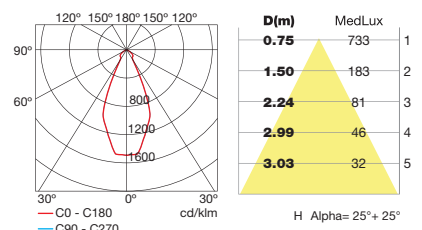
A++ >>> C

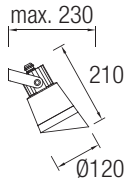


GU5.3 + GU10



GU-10 35W





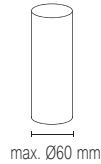
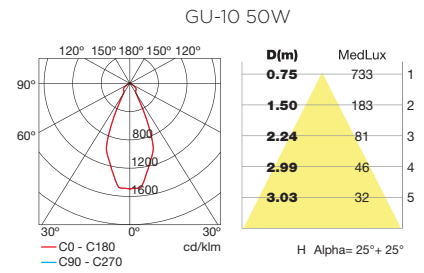
HUBBLE

05-9416-34-37 ■

05-9416-Z5-37 ■

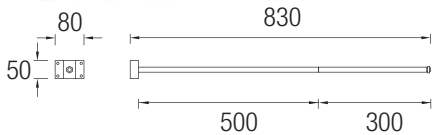
GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent

A++ C



71-9746-05-05 ■

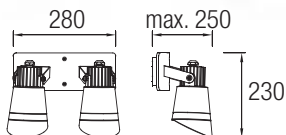
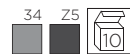
Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do 05-9416, 05-9722



71-9487-34-34 ■

71-9487-Z5-Z5 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do 05-9416, 05-9722

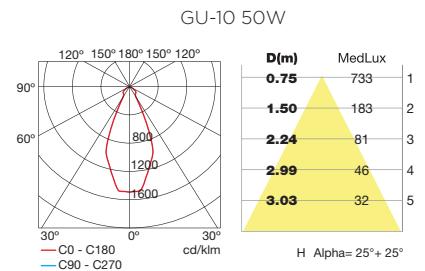


HUBBLE

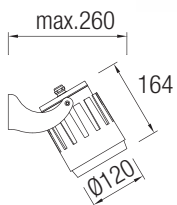
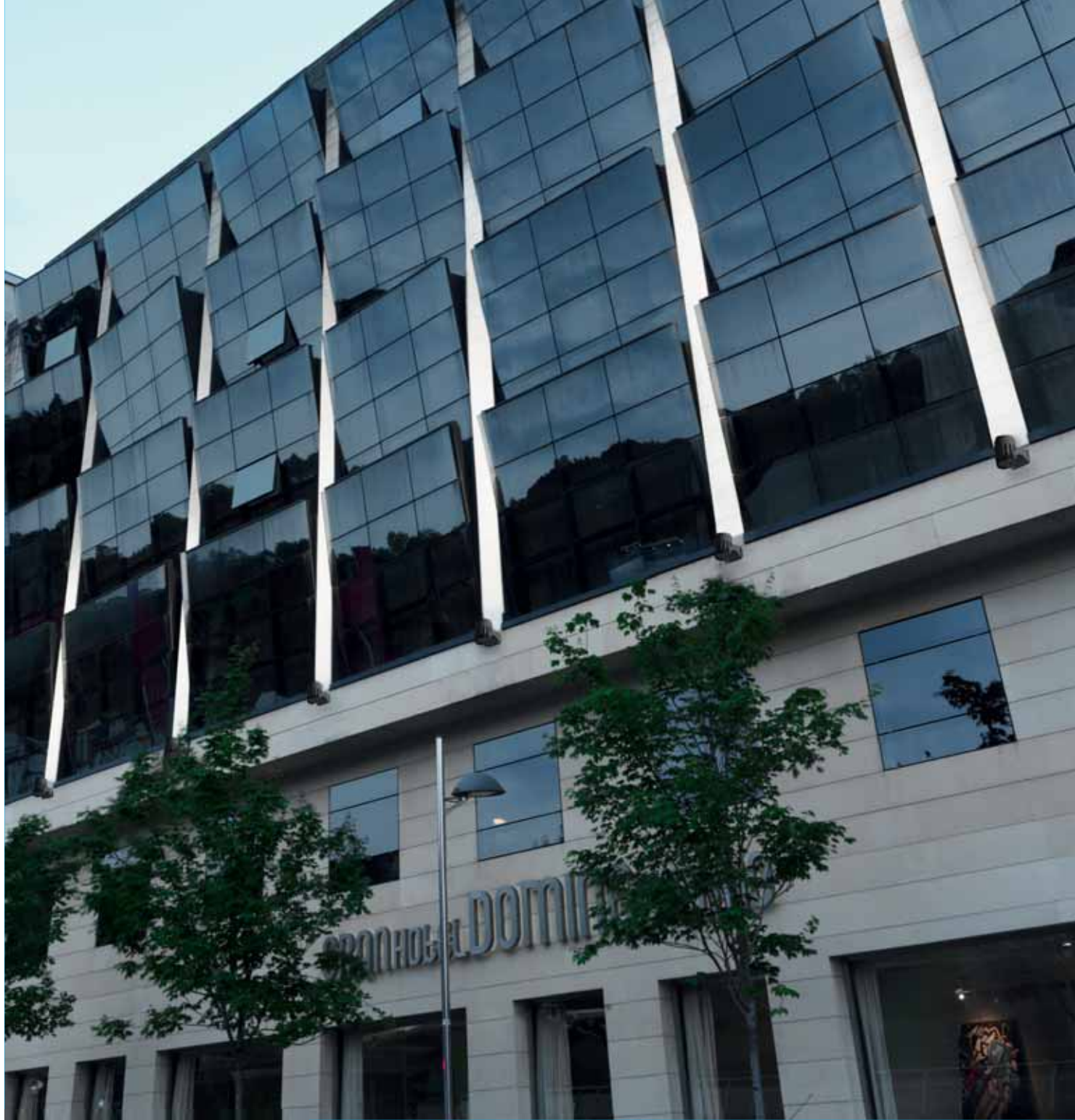
05-9553-34-37 ■

2 x GU-10 max. 50W / max. L= 80mm
Halogen - Fluorescent

A++ C



Visera incluida
Visor included
Visière comprise
einschl. Schirm
Visiera inclusa
Viseira incluida
Прилагается защитный козырек
Osłona w komplecie



POWELL NEW

05-9856-34-CL NEW 32° 3000K 1458 lm

05-9856-34-CM 32° 4000K 1656 lm

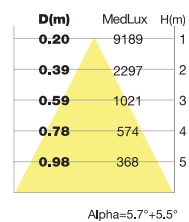
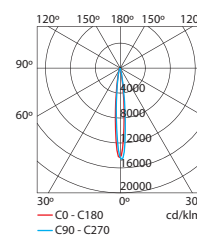
05-9731-34-CL 11° 3000K 1458 lm

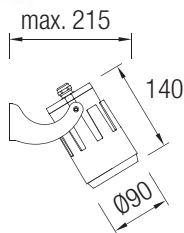
05-9731-34-CM 11° 4000K 1656 lm

9 LED CREE 19,5W A++ A



LED 3000K 19,5W

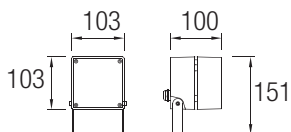
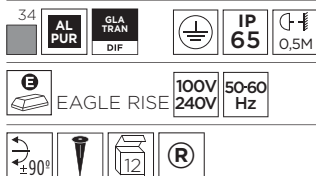




POWELL NEW

- 05-9858-34-CL** ■ 32° 3000K 486 lm
- 05-9858-34-CM** ■ 32° 4000K 552 lm
- 05-9813-34-CL** ■ 11° 3000K 486 lm
- 05-9813-34-CM** ■ 11° 4000K 552 lm

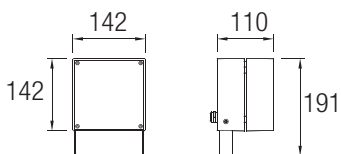
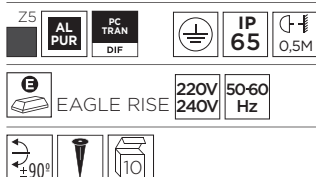
3 LED CREE 6,5W **A++ >>> A**



CUBE NEW

- 05-9852-Z5-CL** ■ 70° 3000K 1540 lm
- 05-9852-Z5-CM** ■ 70° 4000K 1820 lm
- 05-9851-Z5-CL** ■ 29° 3000K 1540 lm
- 05-9851-Z5-CM** ■ 29° 4000K 1820 lm
- 05-9787-Z5-CL** ■ 14° 3000K 1540 lm
- 05-9787-Z5-CM** ■ 14° 4000K 1820 lm

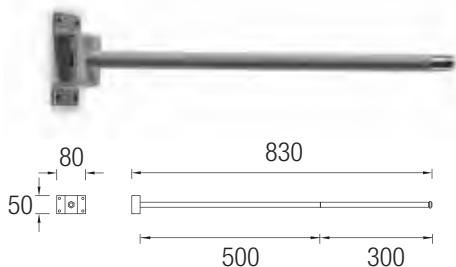
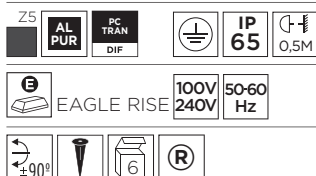
5 LED CREE 14,5W **A++ >>> A**



CUBE NEW

- 05-9854-Z5-CL** ■ 70° 3000K 3168 lm
- 05-9854-Z5-CM** ■ 70° 4000K 3744 lm
- 05-9853-Z5-CL** ■ 29° 3000K 3168 lm
- 05-9853-Z5-CM** ■ 29° 4000K 3744 lm
- 05-9788-Z5-CL** ■ 14° 3000K 3168 lm
- 05-9788-Z5-CM** ■ 14° 4000K 3744 lm

9 LED CREE 32,5W **A++ >>> A**



- 71-9487-34-34** ■
- 71-9487-Z5-Z5** ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für /
 Accesorio per / Acessório para / Принадлежность для / Akcesorium
 do **05-9856, 05-9731, 05-9858, 05-9813, 05-9851, 05-9852,**
05-9787, 05-9853, 05-9854, 05-9788

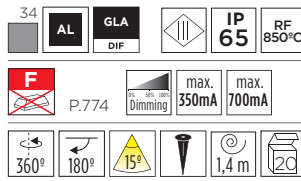




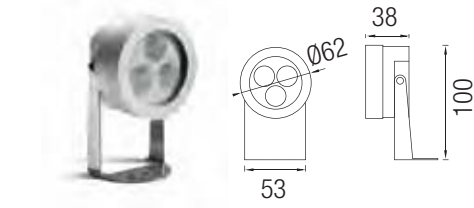
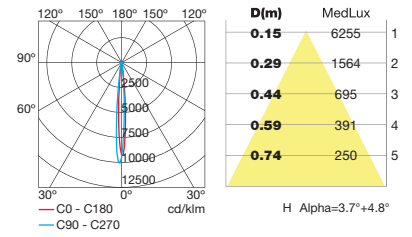
MIDI

05-3358-N3-37

3 LED CREE max. 7,1W 4000K 510lm **A++ A**



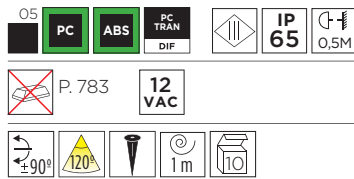
LED 7,1W



ESPARTA **NEW**

05-9798-05-CL

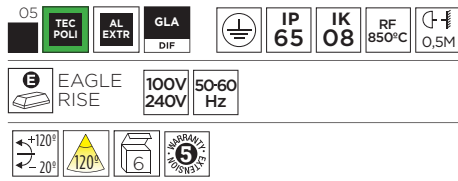
9 LED 3W 3000K 300lm **A++ A**



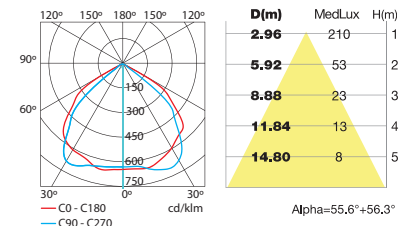
PROY

05-9739-05-37

LED CITIZEN 20W 3000K 2000 lm **A+++ A**



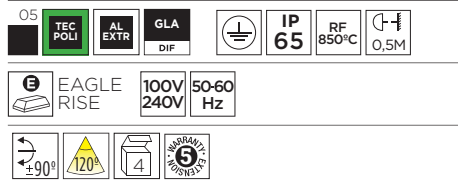
LED 20W



PROY **NEW**

05-9841-05-CL

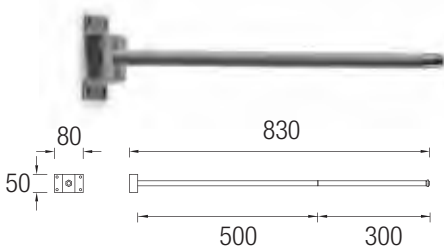
LED CITIZEN 45W 3000K 4704 lm **A+++ A**



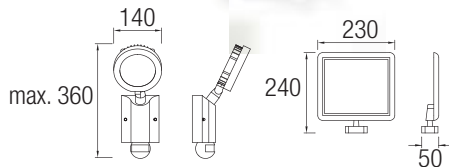
71-9487-34-34

71-9487-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für /
 Accessorio per / Acessório para / Принадлежность для / Akcesorium
 do 05-9739, 05-9841



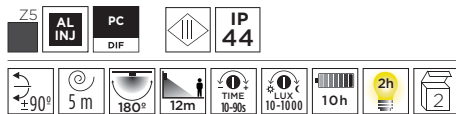




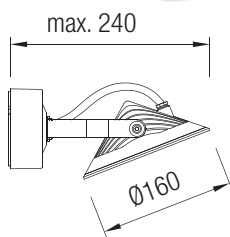
SHAPLEY

05-9707-Z5-M2 ■

4 LED CREE 4W 4000K 348lm **A++>>A**



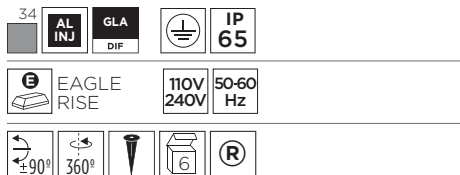
3 modos: siempre encendido / automático mediante sensor / apagado.
 3 modes: always on / automatic via sensor / off.
 3 modes : toujours allumé / automatique par capteur / éteint
 3 Betriebsarten: Immer-ein / automatisch mittels Sensor / Aus.
 3 modalità: sempre acceso / automatico tramite sensore / spento.
 3 modos: sempre aceso/automático com sensor/apagado.
 3 режима: постоянно включено / автоматчерез датчик / выключено
 3 tryby: zawsze zapalony / samoczynny przy pomocy czujnika / zgaszony.



SKADE **NEW**

05-9870-34-CL ■

LED BRIDGELUX 9W 3000K 605lm **A++>>A**

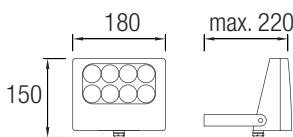
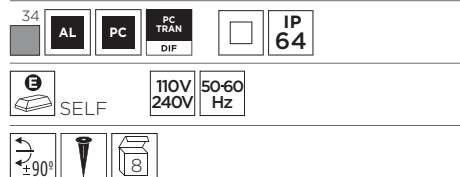


SHULL

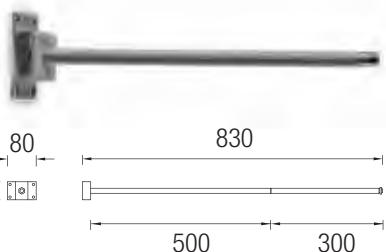
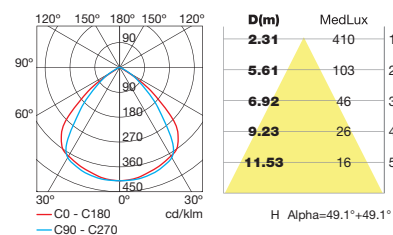
05-9652-34-M2 ■ 3000K 1296 lm

05-9598-34-M2 ■ 4000K 1472 lm

8 LED CREE 17W **A++>>A**

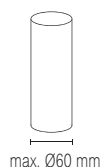


LED 17W



71-9487-34-34 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9598, 05-9652**

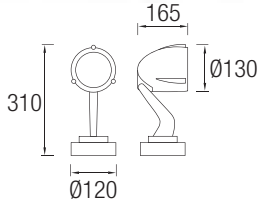


71-9746-05-05 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9598, 05-9652**





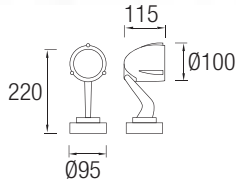
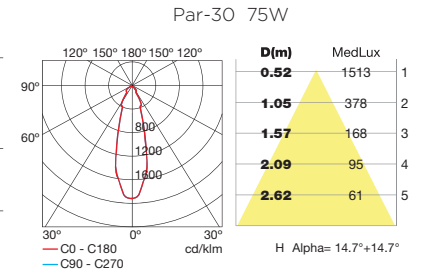
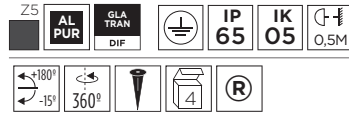


ALIEN

05-9296-Z5-37 ■

Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent

A++ >>> B



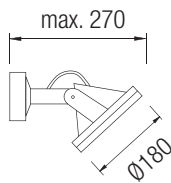
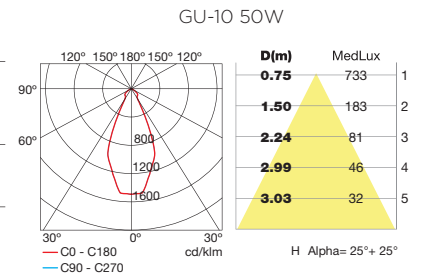
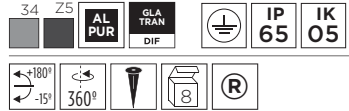
ALIEN

05-9327-34-37 ■

05-9327-Z5-37 ■

GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent

A++ >>> C



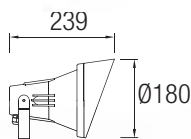
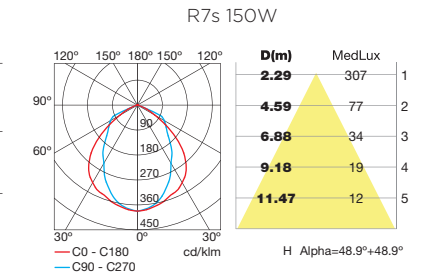
SKADE

05-9107-34-37 ■

05-9107-Z5-37 ■

R7s L=78 max. 150W

A++ >>> C

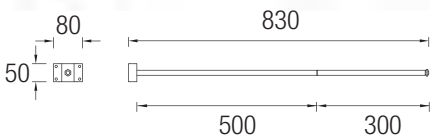
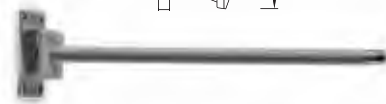
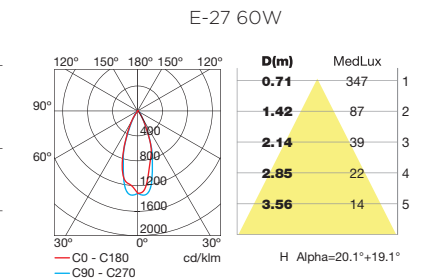


ESPARTA NEW

05-9789-34-37 ■

Par-38 E-27 max. 80W / max. L= 140mm
Halogen - Fluorescent

A++ >>> C

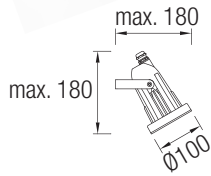


71-9487-34-34 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für /
Accesorio per / Acessório para / Принадлежность для / Akcesorium do **05-9789**







HELIO

05-9640-05-37 ■

05-9640-14-37 □

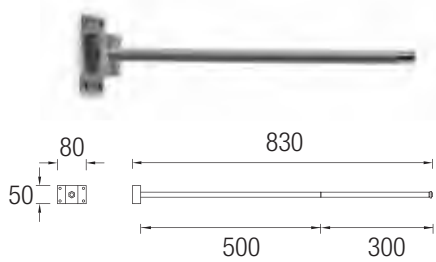
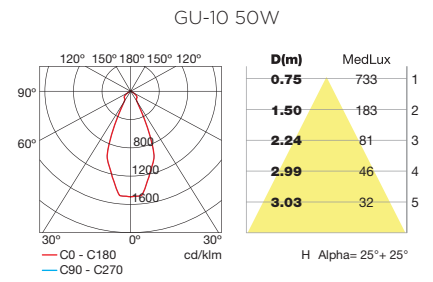
05-9640-34-37 ■

GU-10 max. 50W / max. L= 80mm

Halogen - Fluorescent

A++ C

05	14	34	AL INJ	GLA HARD DIF	IP 65	IK 08	RF 850°C
0.5M							
±90°		12					



71-9487-34-34 ■

71-9487-Z5-Z5 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9640**

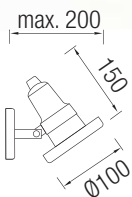
34	Z5	100
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71-9746-05-05 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **05-9640**

05	100
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HELIO

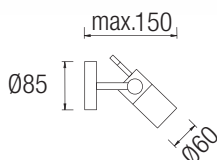
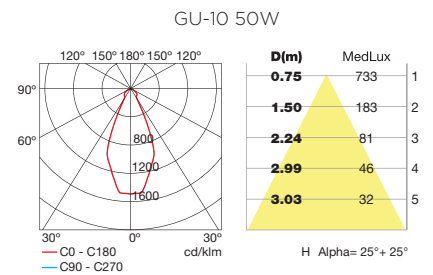
05-9310-CA-37 ■

GU-10 max. 50W / max. L= 80mm

Halogen - Fluorescent

A++ C

CA	INOX AISI 316	GLA HARD DIF	IP 67	IK 10	RF 850°C	0.5M
360°		±90°				
8						



EOLO

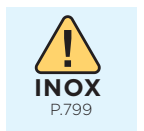
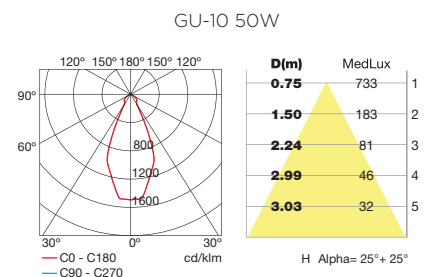
05-9122-Y4-37 ■

GU-10 max. 50W / max. L= 70mm

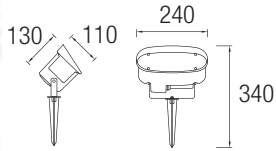
Halogen - Fluorescent

A++ C

Y4	INOX AISI 304	GLA HARD DIF	IP 54	RF 850°C	0.2M
±90°					
12					







ESPARTA

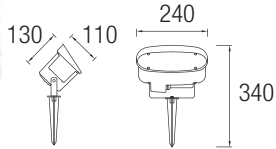
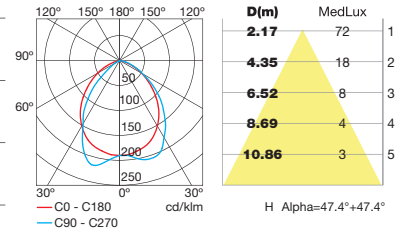
55-9349-Z5-M3

G24d-3 26W Fluorescent

A++ >>> B



G24d-3 26W



ESPARTA

55-9701-Z5-M3

E-27 max. 18W / max. L= 160mm
Fluorescent

A++ >>> C

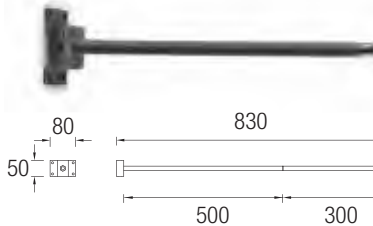


71-9746-05-05

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do dla
55-9349, 55-9701

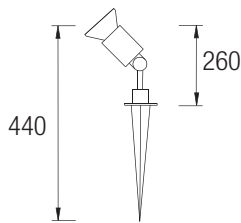


max. Ø60 mm



71-9487-Z5-Z5

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do dla
55-9349, 55-9701

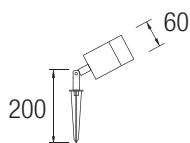
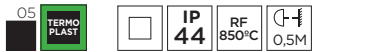


ESPARTA

55-8784-05-05

Par-38 max. 100W
Halogen - Fluorescent - LED

A++ >>> C



ICARO

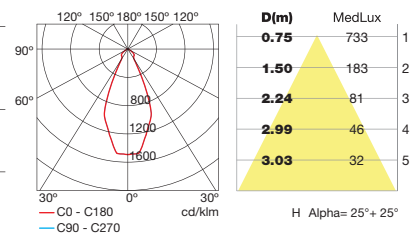
55-9191-34-37

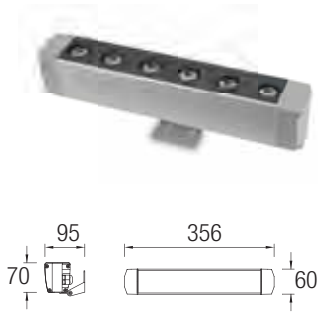
GU-10 max. 50W / max. L= 75mm
Halogen - Fluorescent

A++ >>> C



GU-10 50W



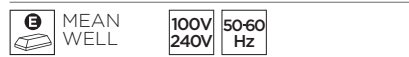


CONVERT

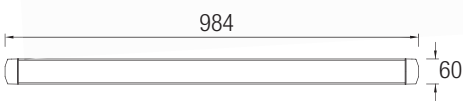
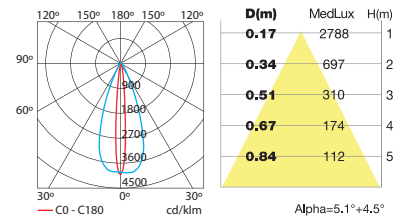
05-9749-54-CL 3000K 852lm **NEW**

05-9749-54-37 4000K 978lm

6 LED CREE 12W **A++ >> A**



LED 12W 3000K



CONVERT

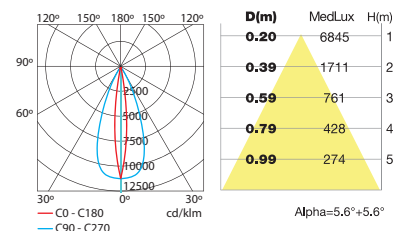
05-9750-54-CL 3000K 2556lm **NEW**

05-9750-54-37 4000K 2934lm

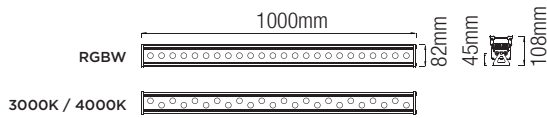
18 LED CREE 36W **A++ >> A**



LED 36W 3000K



WALL WASHERS



SANAT NEW

LED 80W **A++** **A**



+ DMX CONTROLLER **110V** **220V** **50-60** Hz



COMO CONSTRUIR LA REFERENCIA/ HOW TO CREATE THE REFERENCE/ COMMENT CONCEVOIR LA RÉFÉRENCE/ ZUSAMMENSETZUNG EINER BESTELLNUMMER/ COMO CONSTRUIRE IL RIFERIMENTO/ COMO CONSTRUIR A REFERÊNCIA/ КАК ПОСТРОИТЬ АРТИКУЛ/ JAK UTWORZYĆ NR REFERENCYJNY

		SAN	←
	1m	1	←
	RGBW 5000lm	C	
	3000K 6450lm	W	←
	4000K 6500lm	N	
	RGBW+ 3000K + 4000K	S12	
	RGBW+ 3000K + 4000K	S25	
	RGBW+ 3000K + 4000K	S45	
	3000K + 4000K	E50	
	RGBW	E35	←
	RGBW	E60	

CÓDIGO /
CODE /
CODE /
ARTIKEL-NR /
CODICE /
CÓDIGO /
АРТИКУЛА /
KODU



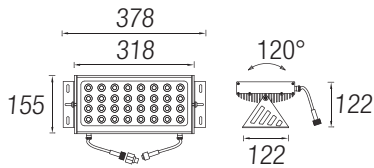
Ejemplo / Example / Exemple / Beispiel /
Exemplo / Esempio / Пример / Przykład:

SAN-1W-E35

LUMINARIA DISPONIBLE A PARTIR DE MAYO. CUALQUIER DUDA CONSULTE CON NUESTRO EQUIPO COMERCIAL /
LIGHTS AVAILABLE FROM MAY ON. ANY DOUBT, PLEASE QUERY OUR SALES TEAM. /
LUMINAIRE DISPONIBLE À PARTIR DE MAI. CONSULTEZ NOTRE ÉQUIPE COMMERCIALE POUR TOUT RENSEIGNEMENT. /
LEUCHTE AB MAI LIEFERBAR UNSERE VERTRIEBSMITARBEITER BERATEN SIE GERN. /
LAMPADA DISPONIBILE A PARTIRE DA MAGGIO. PER QUALSIASI DUBBIO, RIVOLGERSI AL NOSTRO TEAM COMMERCIALE. /
LUMINÁRIA DISPONÍVEL A PARTIR DE MAIO. PARA ESCLARECER DÚVIDAS CONSULTE A NOSSA EQUIPA COMERCIAL. /
СВЕТИЛЬНИК БУДЕТ В НАЛИЧИИ С МАЯ. ПО ЛЮБЫМ ВОПРОСАМ ОБРАЩАЙТЕСЬ В НАШ КОММЕРЧЕСКИЙ ОТДЕЛ. /
OPRAWA OŚWIETLENIOWA DOSTĘPNA POCZĄWSZY OD MAJA. W PRZYPADKU JAKIEJKOLWIEK WĄTPLIWOŚCI PROSIMY SKONTAKTOWAĆ SIĘ Z NASZYM DZIAŁEM HANDLOWYM.



ARENAS SHOPPING CENTER. BARCELONA, SPAIN.

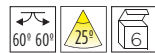


RAY

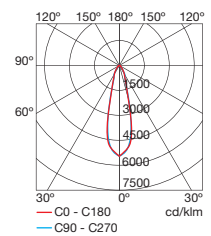
05-2499-54-H6 3000K 3500lm

05-2494-54-H6 4000K 4000lm

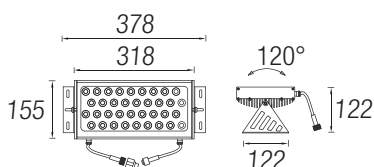
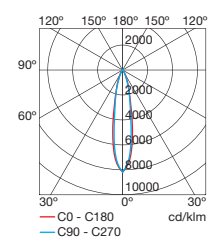
28 LED CREE 48W **A++>>A**



LED 48W 4000K



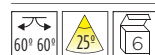
LED 48W 3000K

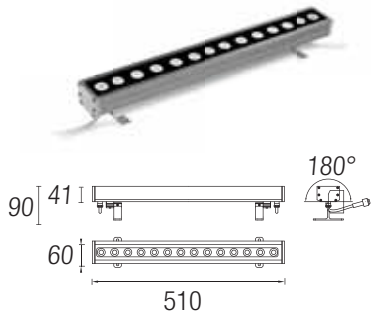


RAY

05-2498-54-H6

36 LED CREE 60W 2500lm **RGB A++>>A**

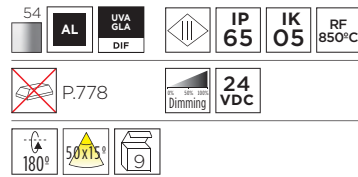




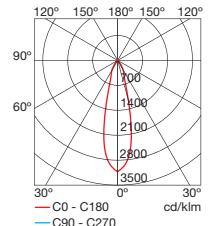
TRON

05-1547-54-H6 3000K 1750lm
05-1546-54-H6 4000K 2000lm

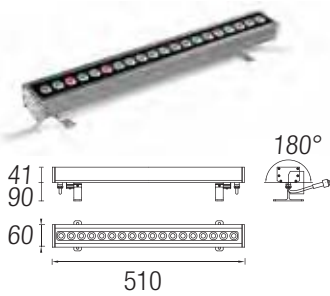
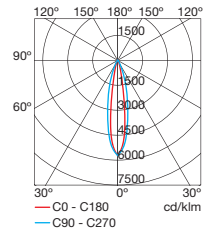
14 LED CREE 24W **A++ >>> A**



LED 24W 4000K



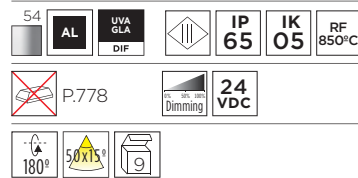
LED 24W 3000K



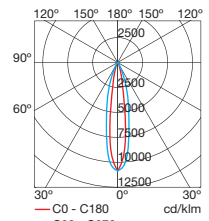
TRON

05-1544-54-H6

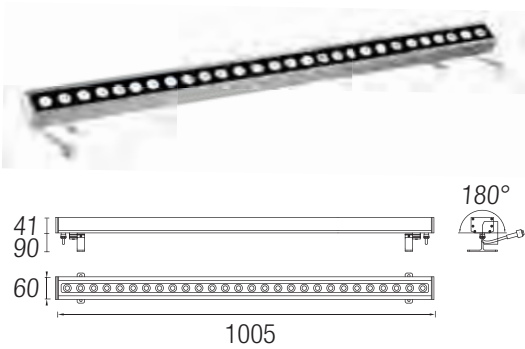
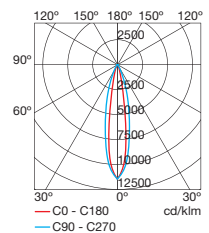
18 LED CREE 30W 1250lm **RGB A++ >>> A**



LED 48W 4000K



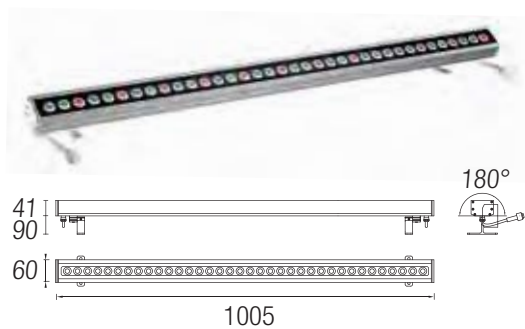
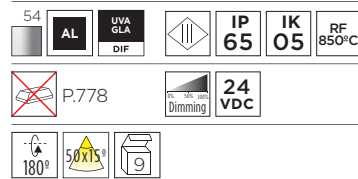
LED 48W 3000K



TRON

05-1552-54-H6 3000K 3500lm
05-1549-54-H6 4000K 4000lm

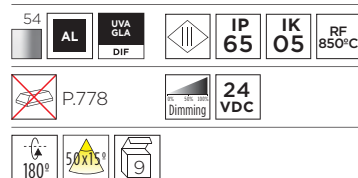
28 LED CREE 48W **A++ >>> A**



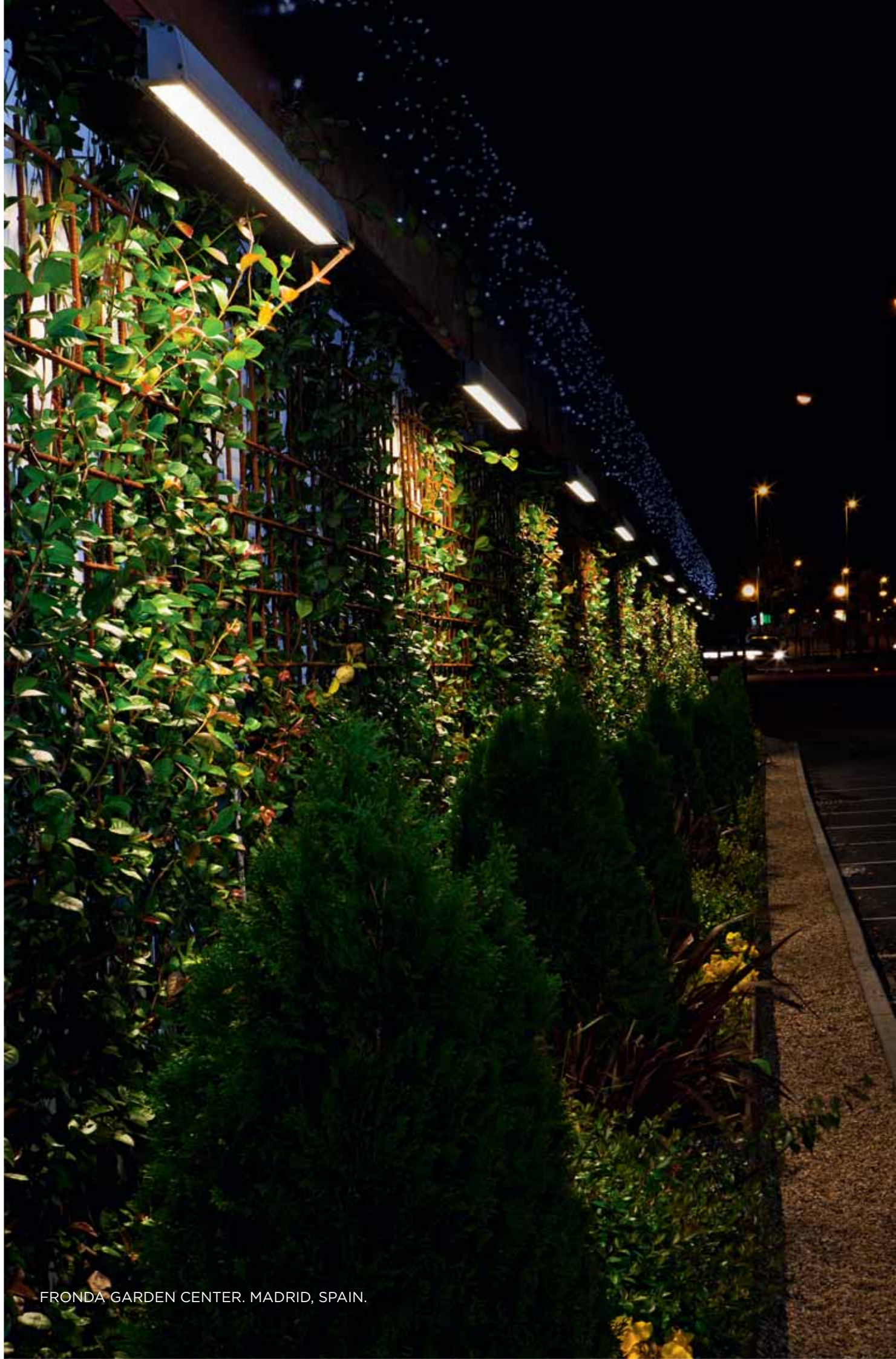
TRON

05-1548-54-H6

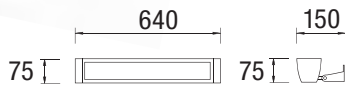
36 LED CREE 60W 2500lm **RGB A++ >>> A**



OUTDOOR | WALL WASHERS



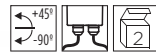
FRONDA GARDEN CENTER. MADRID, SPAIN.



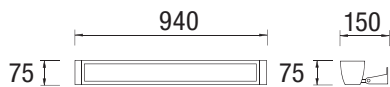
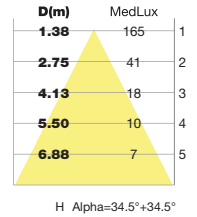
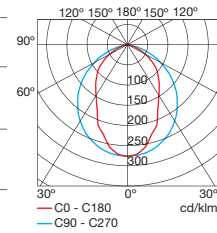
HECATE

05-9264-Z5-37^(S) ■

T5 24W Fluorescent **A++>>>B**



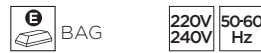
T5 24W



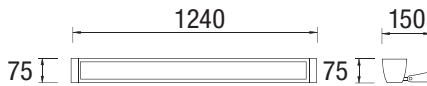
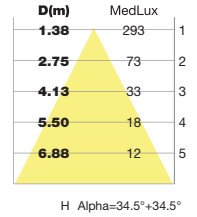
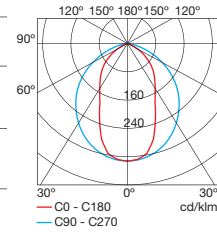
HECATE

05-9265-Z5-37^(S) ■

T5 39W Fluorescent **A++>>>B**



T5 39W



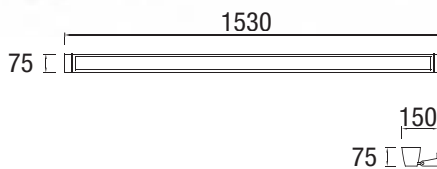
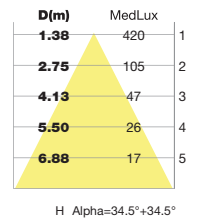
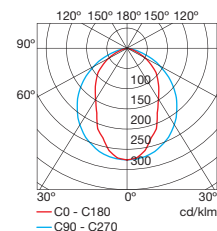
HECATE

05-9266-Z5-37 ■

T5 54W Fluorescent **A++>>>B**



T5 54W



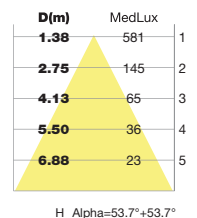
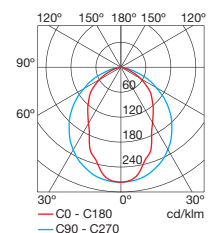
HECATE

05-9439-Z5-37 ■

T5 80W Fluorescent **A++>>>B**



T5 80W

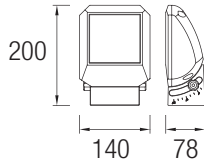


Accesorios para fijación en pared o techo incluidos.
 Accessoires for wall or ceiling fitting included.
 Accessoires de fixation murale ou au plafond inclus.
 Zubehör zur Befestigung an Wänden und Decken inklusive.
 Accessori per fissaggio nella parete o tetto inclusi.
 Acessórios para a fixação em parede ou tecto incluídos.
 Настенный или потолочный крепеж в комплекте.
 Akcesoria do montażu na ścianie/suficie w komplecie



OUTDOOR | WALL WASHERS





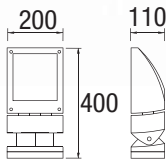
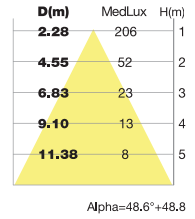
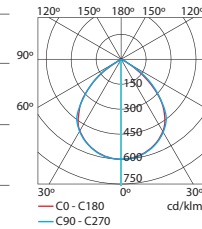
POMPEYA

05-9751-34-37

48 LED SEOUL 16W 4000K 1200lm **A++ >>> A**



LED 16W



POMPEYA

05-9537-34-37V1 35W 100-240V **NEW**

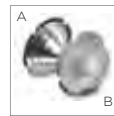
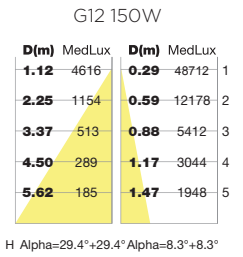
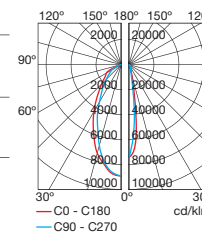
05-9538-34-37V1 70W 100-240V **NEW**

05-9539-34-37 150W 220-240V

G12 HID **A+ >>> A**

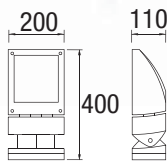


Reflector B Reflector A



2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.

2 riflettori inclusi.
2 reflectores incluidos
Прилагаются 2 отражателя.
2 odbysniki w komplecie



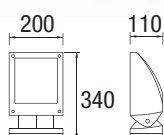
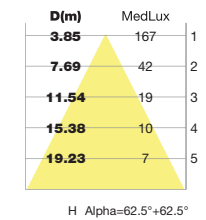
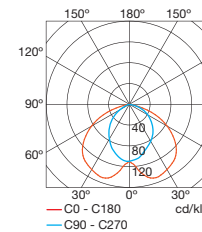
POMPEYA

05-9254-34-37

2 x GX24q-3 26W Fluorescent **A+ >>> B**



2 x GX24q-3 26W



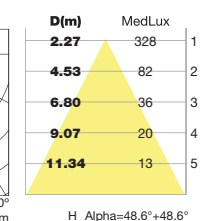
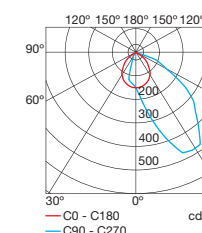
POMPEYA

05-9251-34-37(s)

R7s L=118 max. 300W Halogen **A+ >>> C**



R7s 300W





WALL FIXTURES



AFRODITA

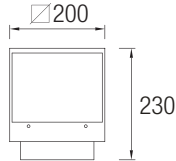
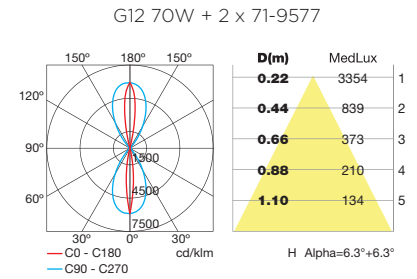
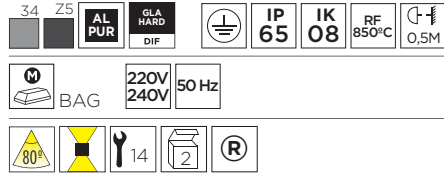
05-9577-34-37



05-9577-Z5-37

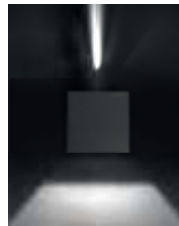


G12 HID 70W **A+** **A**



71-9577-05-37

Lente para / Lens for / Lentille pour / Linse für / Lente per / Lente para / Линза для / Soczewka dla **05-9577**



71-9875-05-05

NEW

Reflector direccional para / Directional reflector for / Réflecteur directionnel pour / Reflektor für / Riflettore direzionale per / Reflektor direccional para / Направленный отражатель для / Odblyśnik kierunkowy dla **05-9577**



NEO

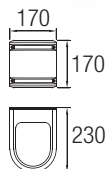
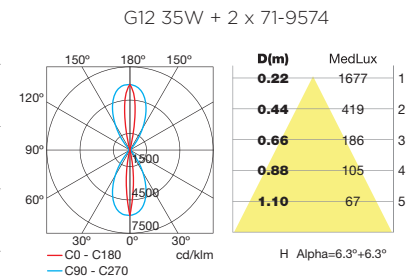
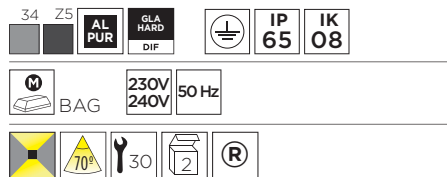
05-9574-34-37



05-9574-Z5-37

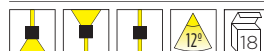


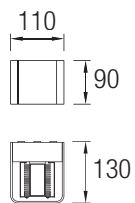
G12 35W HID **A+** **A**



71-9574-05-37

Lente para / Lens for / Lentille pour / Linse für / Lente per / Lente para / Линза для / Soczewka dla **05-9574**





WILSON

05-9683-14-T2

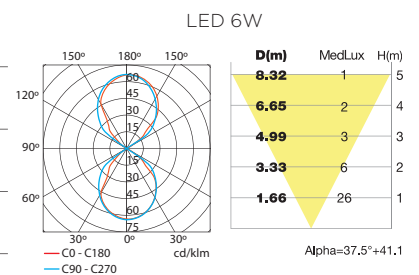
05-9683-34-T2

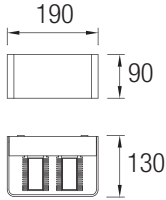
05-9683-Z5-T2

6 LED CREE 6W 3000K 564lm **A++ >> A**

14 34 Z5 **AL PUR** **GLA MAT DIF** **IP 65** **IK 08**

EAGLE RISE **100V 240V** **50-60 Hz**

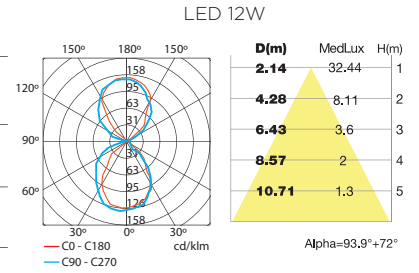




WILSON

05-9684-Z5-T2

12 LED CREE 12W 3000K 1128lm **A++ >>> A**

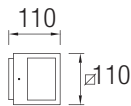
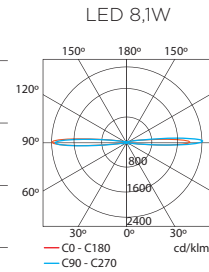


POKER

05-9732-34-37

05-9732-Z5-37

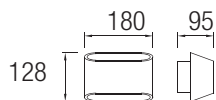
4 LED PHILIPS 8,1W 4000K 756lm **A++ >>> A**

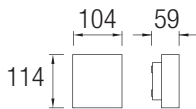


DIAGO NEW

05-9873-Z5-CL

2 LED SHARP 10W 3000K 603lm **A++ >>> A**





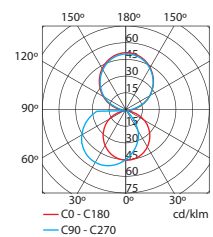
NEMESIS

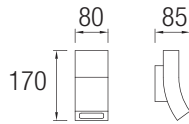
05-9753-CA-CD

16 LED SAMSUNG 4W 3000K 515lm



LED 4W

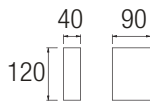




KARMAN

05-9752-34-CD

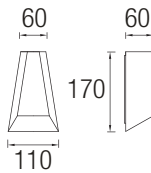
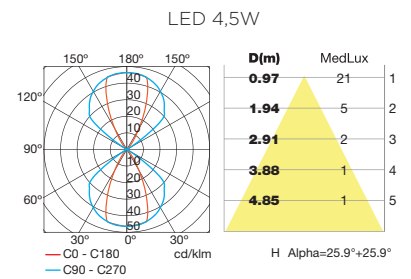
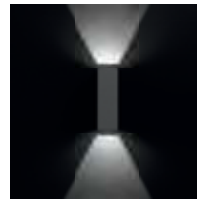
12 LED OSRAM 6,6W 3000K 634lm **A++>>A**



TAYLOR

05-9593-34-37

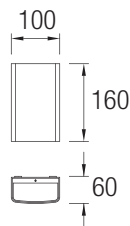
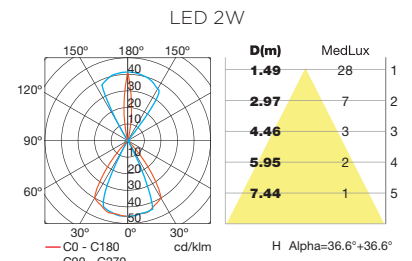
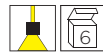
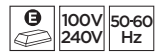
2 LED CREE 4,5W 4000K 368lm **A++>>A**



TAYLOR

05-9592-34-37 4000K 214lm
05-9592-34-CL 3000K 188lm **NEW**

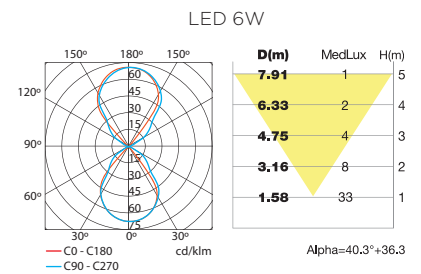
2 LED CREE 2W **A++>>A**



CLOUS

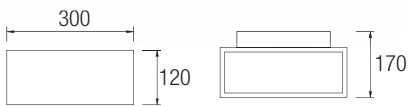
05-9679-34-B8
05-9679-Z5-B8

6 LED CREE 6W 3000K 564lm **A++>>A**





CROWNE PLAZA HOTEL. LIÈGE, BELGIUM.



AFRODITA

05-9531-34-T2



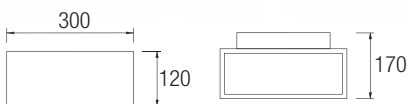
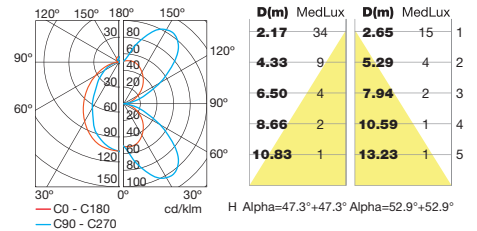
05-9531-Z5-T2



8 LED CREE 17W 4000K 1472lm **A++ >>> A**

34	Z5	AL PUR	GLA MAT DIF	IP 65	IK 04
E SELF		100V 240V	50-60 Hz		
		2		R	

LED 17W



AFRODITA

05-9438-34-37

Rx7s 70W

05-9438-Z5-37

Rx7s 70W

05-9227-34-37

Rx7s-24 150W

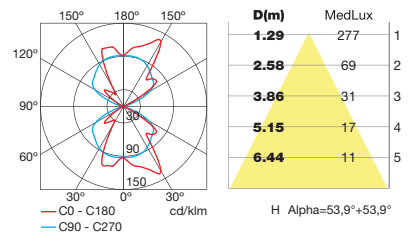
05-9227-Z5-37

Rx7s-24 150W

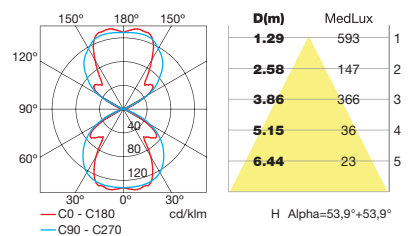
Rx7s / Rx7s-24 HID **A+ >> A**

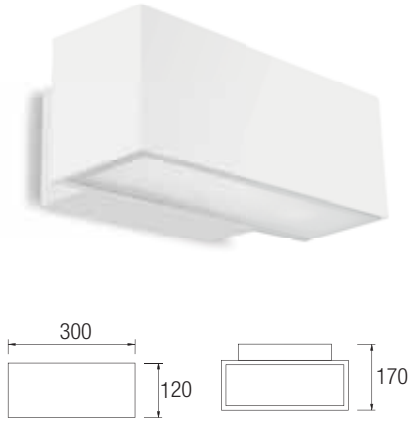
34	Z5	AL INJ	GLA TRAN DIF	IP 65	IK 04	RF 850°C
0.5M		BAG		230V	50 Hz	
		2		R		

Rx7s 70W



Rx7s-24 150W





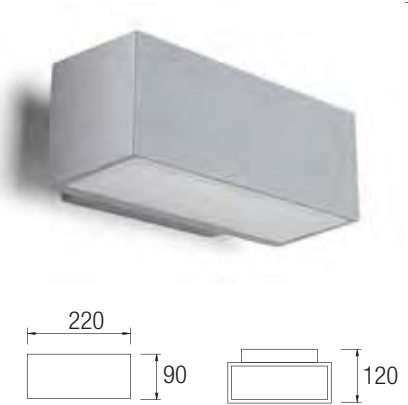
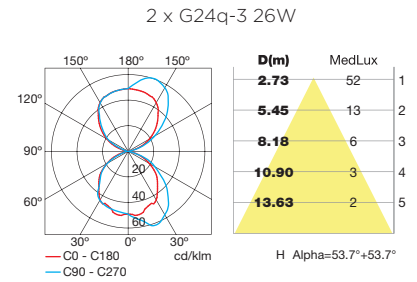
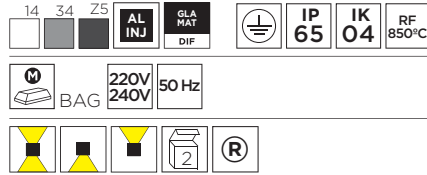
AFRODITA

05-9228-14-37

05-9228-34-37

05-9228-Z5-37

2 x G24q-3 26W Fluorescent **A++ >>> B**



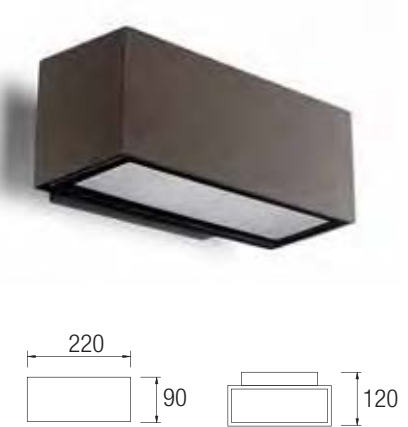
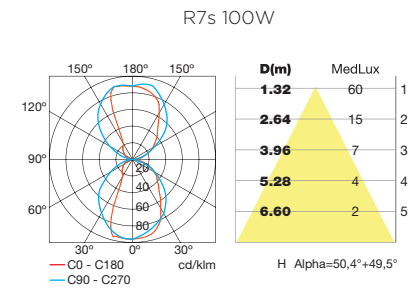
AFRODITA

05-9229-14-37

05-9229-34-37

05-9229-Z5-37

R7s L=78 max. 150W Halogen **A+ >>> C**



AFRODITA

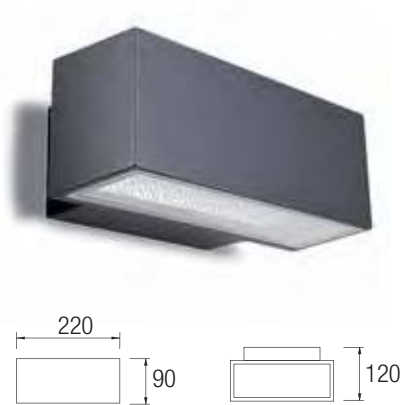
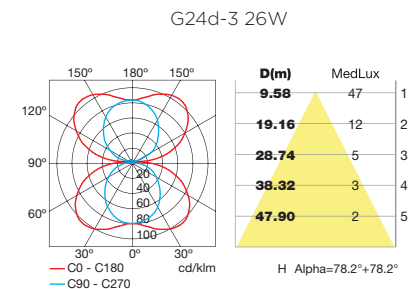
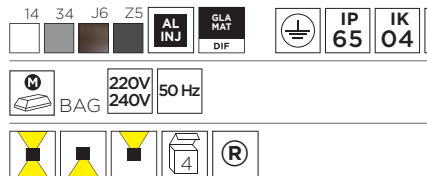
05-9230-14-37

05-9230-34-37

05-9230-J6-37

05-9230-Z5-37

G24d-3 26W Fluorescent **A+ >>> B**

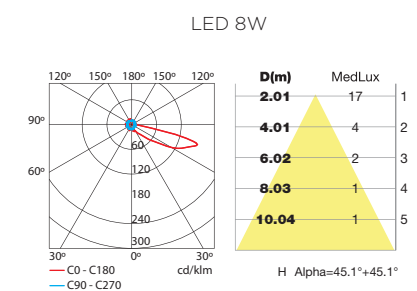
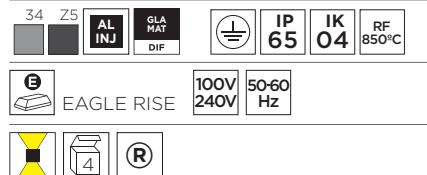


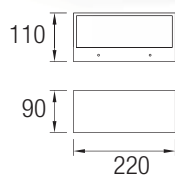
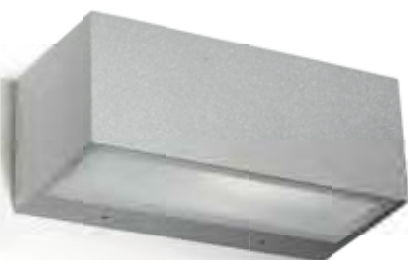
AFRODITA

05-9458-34-T2

05-9458-Z5-T2

8 LED CREE 8W 4000K 836lm **A++ >>> A**





NEMESIS

05-9649-14-T2

05-9649-34-T2

05-9649-Z5-T2

E-27 max. 60W / max. L=155mm

Halogen - Fluorescent

A++ C

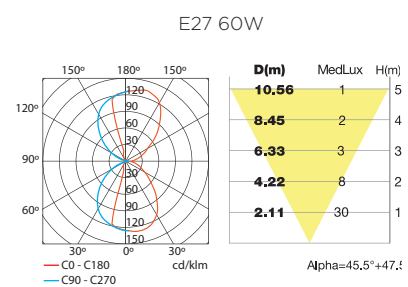
14 34 Z5

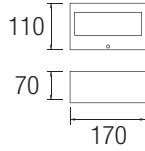
AL INJ GLA MAT DIF

IP 54

IK 04

RF 850°C

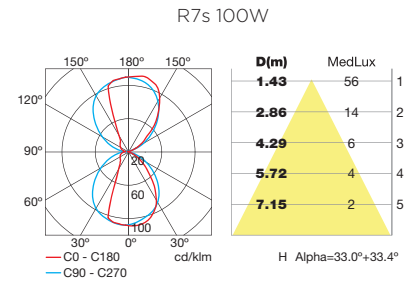
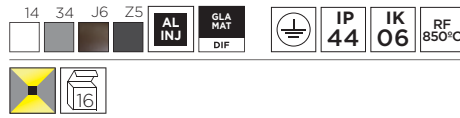




NEMESIS

- 05-9177-14-B8
- 05-9177-34-B8
- 05-9177-J6-B8
- 05-9177-Z5-B8

R7s L=78 max. 100W **A++ >>> C**



FLUORESCENT KIT

71-8969-00-00

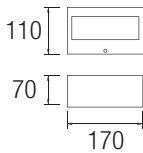
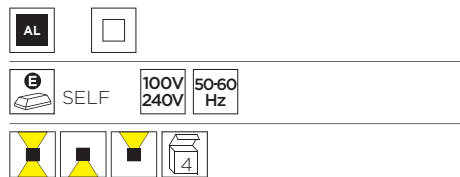
G24d-1 13W Fluorescent **A++ >>> B**



LED KIT

71-9781-00-00

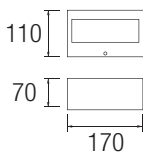
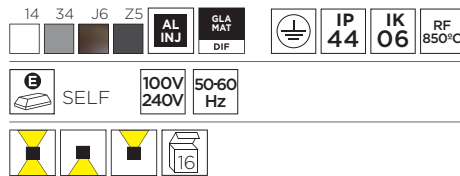
20 LED SAMSUNG 5,3W 4000K 679lm **A++ >>> A**



NEMESIS NEW

- 05-9800-14-CL
- 05-9800-34-CL
- 05-9800-J6-CL
- 05-9800-Z5-CL

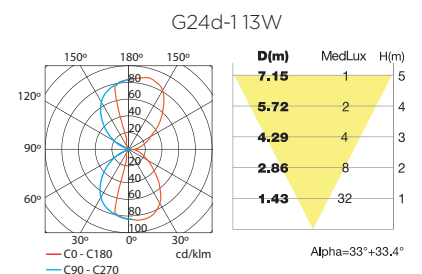
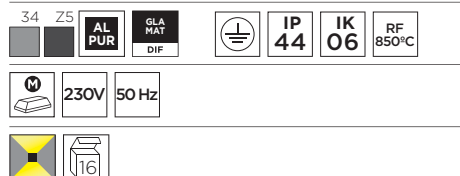
20 LED SAMSUNG 5,3W 3000K 644lm **A++ >>> A**



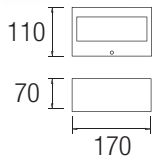
NEMESIS

- 05-9636-34-B8
- 05-9636-Z5-B8

G24d-1 13W Fluorescent **A++ >>> B**



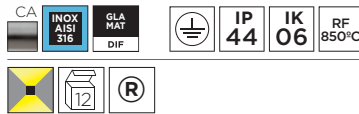




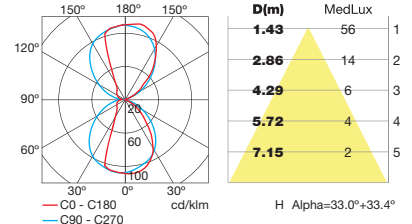
NEMESIS

05-9629-CA-B8

R7s L=78 max. 100W Halogen **A++ >>> C**



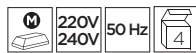
R7s 100W



FLUORESCENT KIT

71-8969-00-00

G24d-1 13W Fluorescent **A++ >>> B**



LED KIT

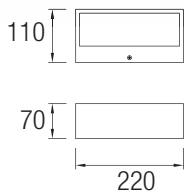
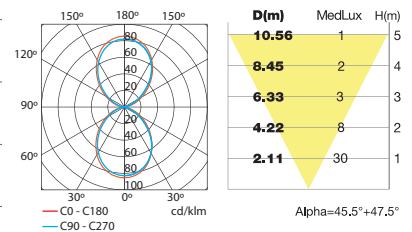
71-9747-00-00 3000K 644lm

71-9781-00-00 4000K 679lm

20 LED SAMSUNG 5,3W **A++ >>> A**



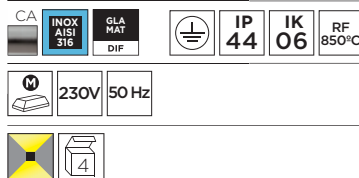
LED 5,3W 4000K



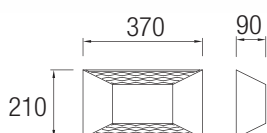
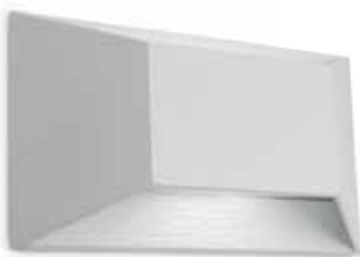
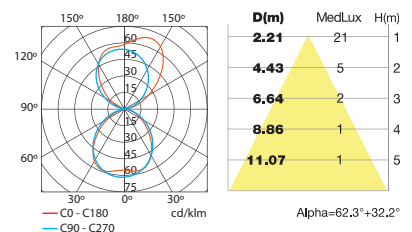
NEMESIS

05-9675-CA-B8

G24d-2 18W Fluorescent **A++ >>> B**



G24d-2 18W

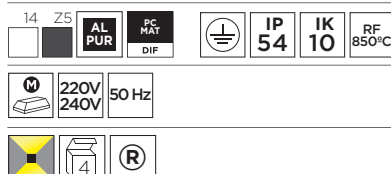


PASTEUR

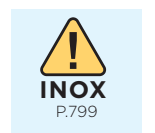
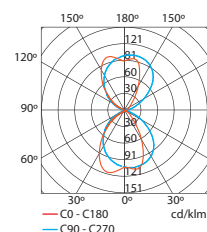
05-9456-14-M3

05-9456-Z5-M3

2 x G24d-2 18W Fluorescent **A++ >>> B**



2 x G24d-2 18W





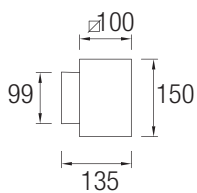
AFRODITA

05-9773-34-37

05-9773-Z5-37

NEW

LED 17,4W 3000K

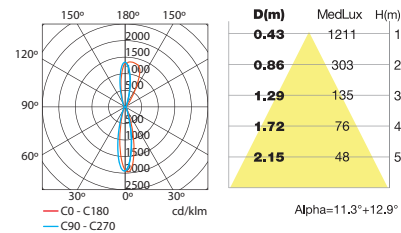


8 LED CREE 17,4W 3000K 1296lm **A++ >>> A**

34 Z5 AL INJ GLA HARD DIF IP 65 IK 04 RF 850°C
0,5M

EAGLE RISE 220V 50-60 Hz 240V

20° 4



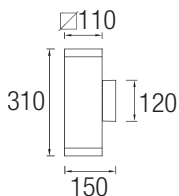
AFRODITA

05-9368-14-37

05-9368-34-37

05-9368-Z5-37

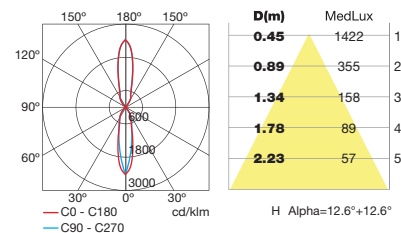
2 x Par-30 75W



2 x Par-30 E-27 max. 75W / max. L=100mm
Halogen - Fluorescent **A++ >>> C**

14 34 Z5 AL INJ GLA HARD DIF IP 65 IK 06 RF 850°C
0,5M

6

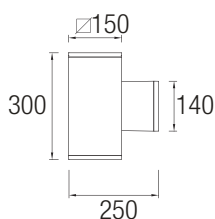


AFRODITA

05-9369-34-37

05-9369-Z5-37

G12 70W

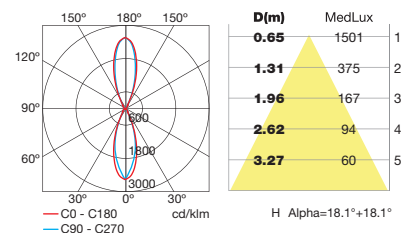


G12 70W HID **A+ >> A**

34 Z5 AL INJ GLA HARD DIF IP 65 IK 08 RF 850°C
0,5M

BAG 220V 50 Hz 240V

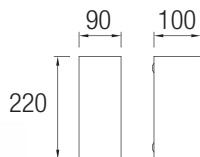
12 2



ALVIN

05-9725-34-T2

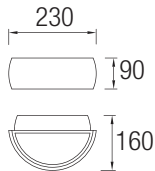
2 x GU-10 max. 35W / max. L=70mm
Halogen - Fluorescent **A++ >>> C**



34 ST EPOXY GLA TRAN DIF IP 44 IK 03 RF 850°C 0,5M

12



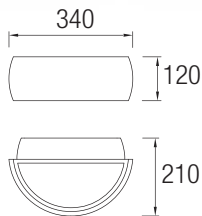


DELFOS

05-9650-34-T2

E-27 max. 60W / max. L=130mm
Halogen - Fluorescent

A++ >>> C

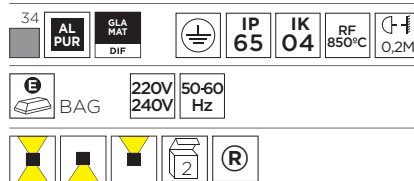


DELFOS

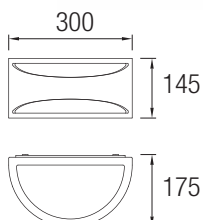
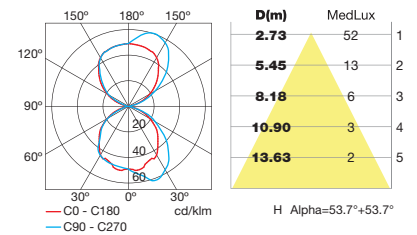
05-9469-34-T2

2 x G24q-3 26W Fluorescent

A++ >>> B



2 x G24q-3 26W

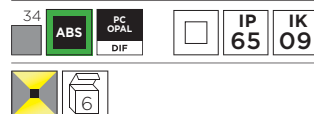


NAPOLI

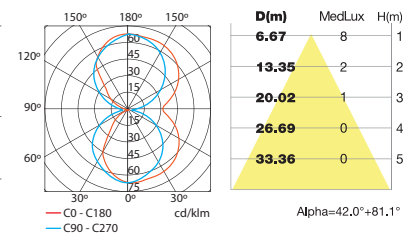
05-9735-34-M1

E-27 max. 23W
Halogen - Fluorescent

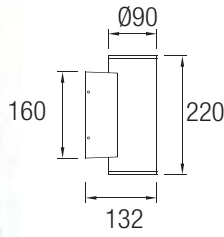
A++ >>> C



E27 23W





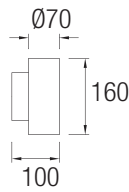
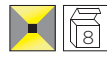


COSMOS NEW

05-9790-34-CL

05-9790-Z5-CL

2 LED CREE 27W 3000K 2040lm **A++** A



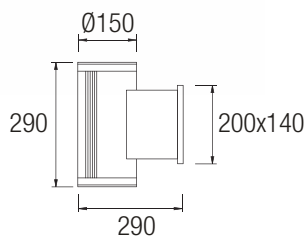
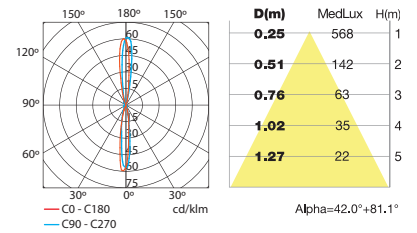
TERRY

05-9719-34-37

2 LED CREE 4,5W 4000K 368lm **A++** A



LED 4,5W



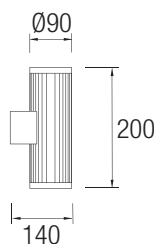
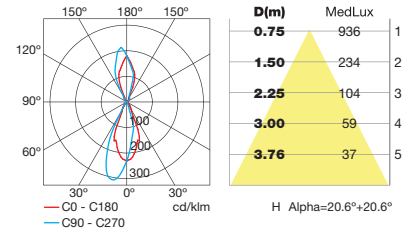
AFRODITA

05-9204-34-B8

G12 70W HID **A+** A



G12 70W



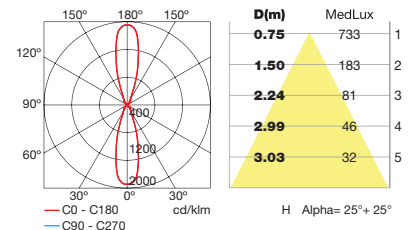
TEMIS

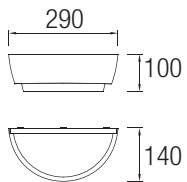
05-9146-34-T2

2 x GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent **A++** C



GU-10 50W





GALILEI

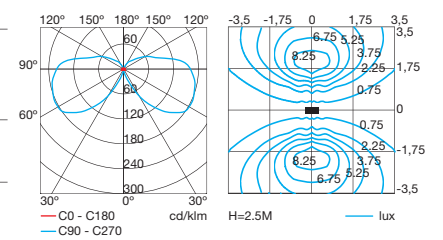
05-9409-34-M3

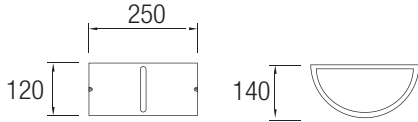
E-27 max.23W max. L=200mm Ø=52mm
Fluorescent

A++ C



E-27 23W



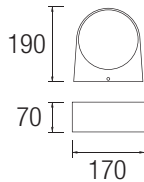
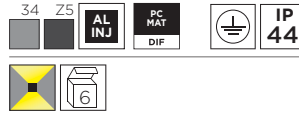


ATENA

05-9131-34-M3 ■
05-9131-Z5-M3 ■

E-27 max. 60W / max. L=167mm Ø=51mm
 Halogen - Fluorescent

A++ >>> C

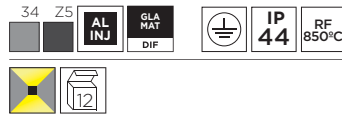


NEMESIS

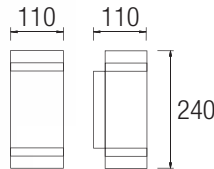
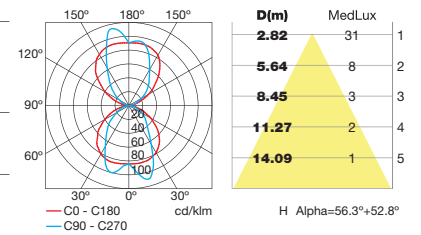
05-9123-34-B8 ■
05-9123-Z5-B8 ■

E-27 max. 60W / max. L=117mm Ø=45mm
 Halogen - Fluorescent

A++ >>> C



E-27 15W



SELENE

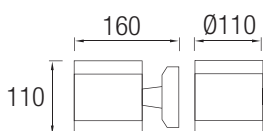
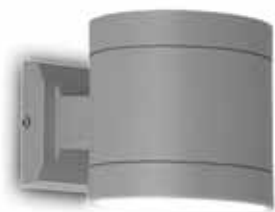
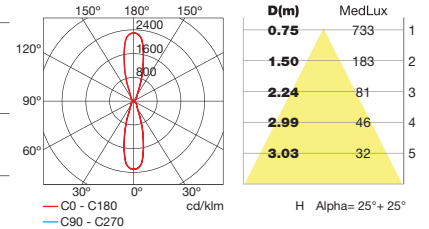
05-9234-18-37 ■
05-9234-34-37 ■

2 x GU-10 max. 50W / max. L=65mm
 Halogen - Fluorescent

A++ >>> C



GU-10 50W

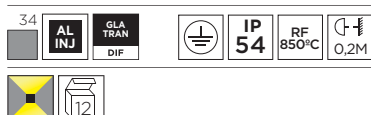


SELENE

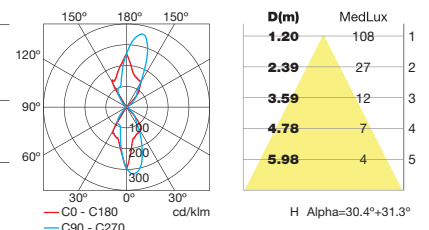
05-9309-34-37 ■

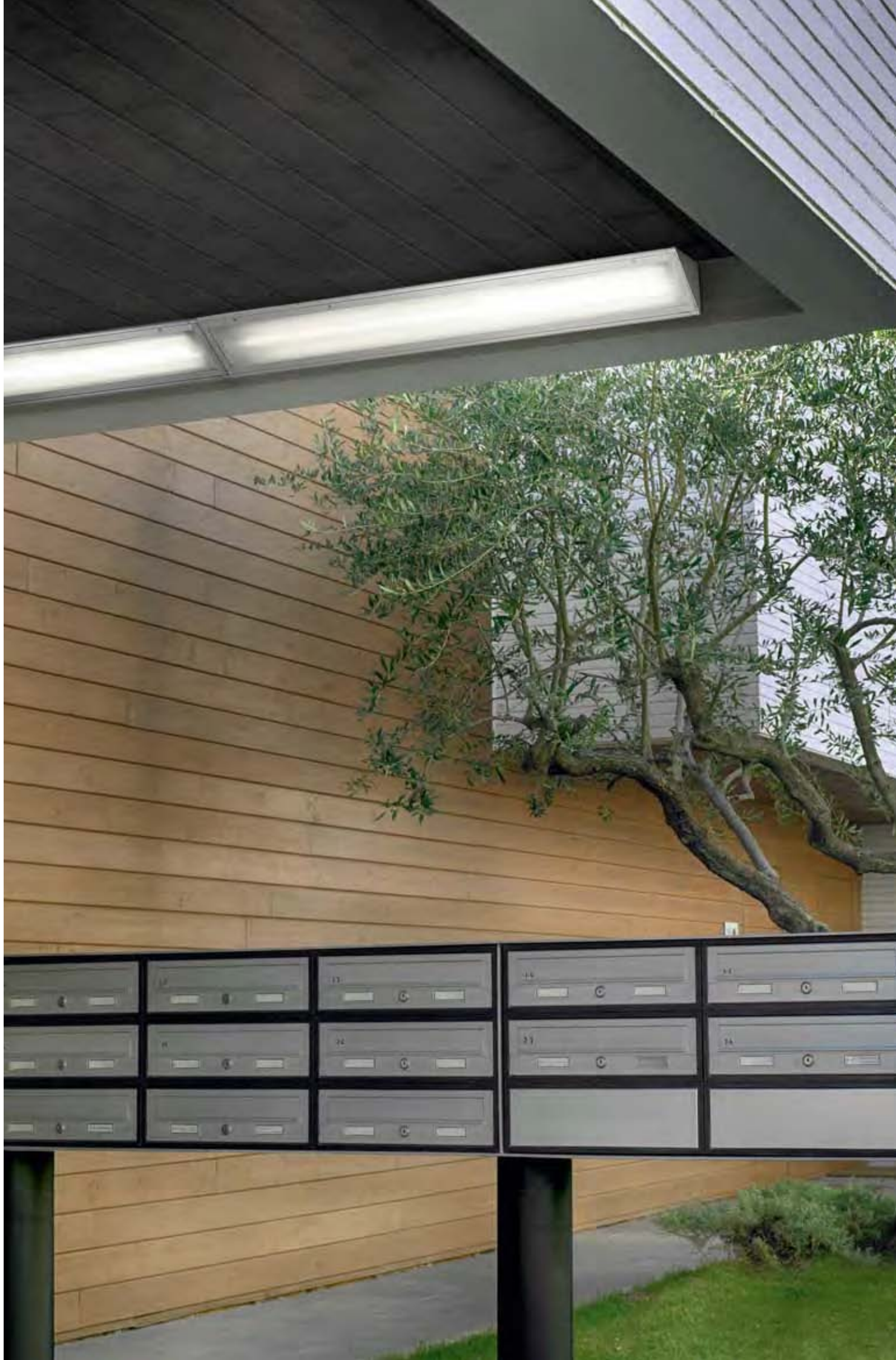
G9 max. 60W

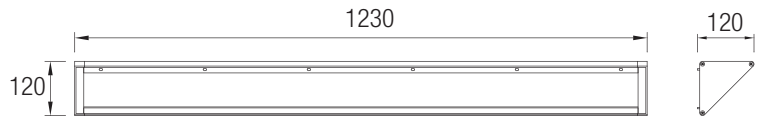
A++ >>> C



G9 60W







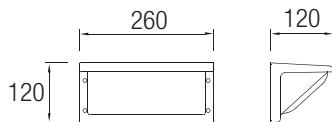
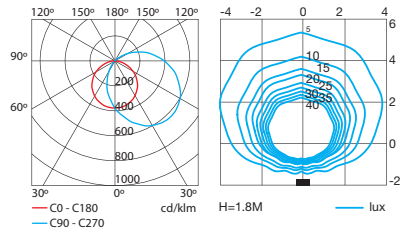
CURIE

05-9662-34-CD

T5 28/54W Fluorescent **A++ >>> B**



T5 28W



CURIE

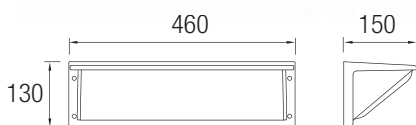
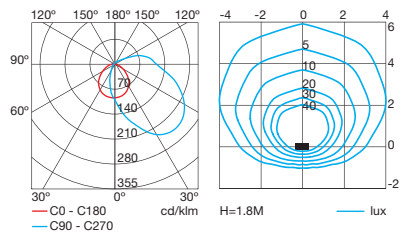
05-9408-34-M3

05-9408-Z5-M3

G24d-3 26W Fluorescent **A++ >>> B**



G24d-3 26W



CURIE

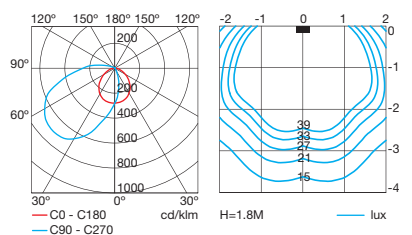
05-9457-34-M3

05-9457-Z5-M3

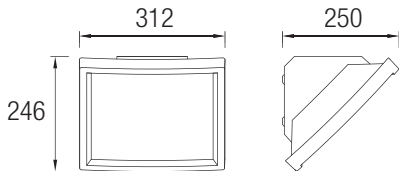
2 x G24d-3 26W Fluorescent **A++ >>> B**



2 x G24d-3 26W





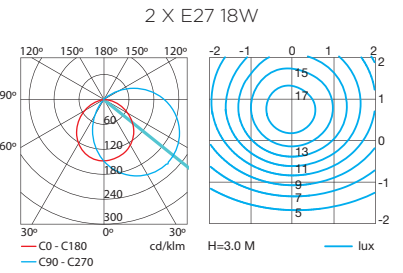
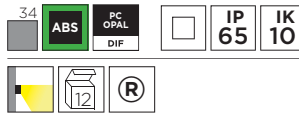


ACCESS

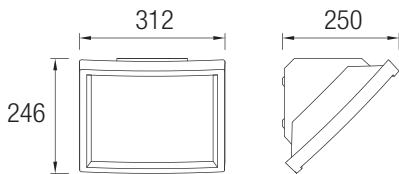
05-9734-34-M1

2 x E-27 max. 18W / max. L=160mm
Fluorescent

A++ >>> C



MICROWAVE
SENSOR

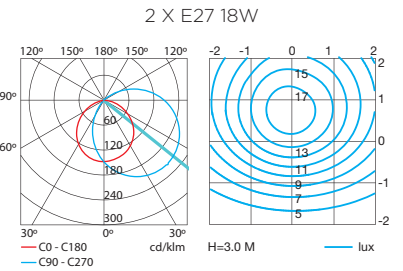
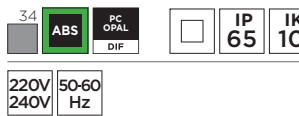


ACCESS

05-9783-34-M1

2 x E-27 max. 18W / max. L=160mm
Fluorescent

A++ >>> C

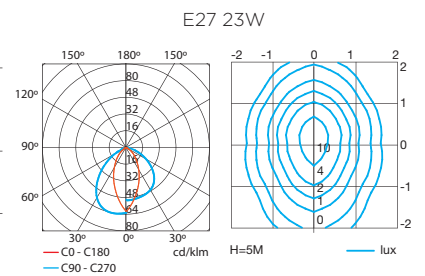
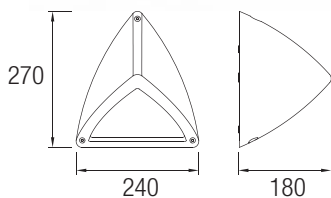


PIRAMID

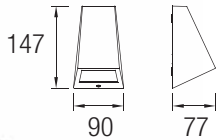
05-9559-34-B8

E-27 max. 23W / max. L=140mm
Fluorescent

A++ >>> C



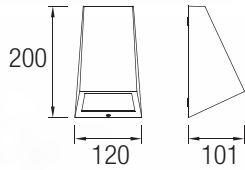
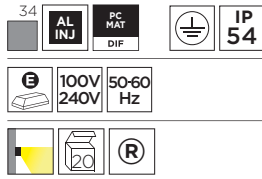




ANGLE NEW

05-9836-34-CL

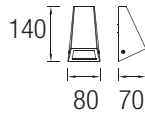
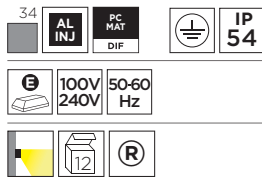
12 LED SAMSUNG 3W 3000K 358lm **A++ >>> A**



ANGLE NEW

05-9837-34-CL

36 LED SAMSUNG 10,6W 3000K 1288lm **A++ >>> A**

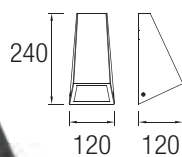
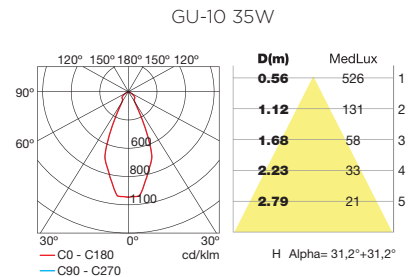
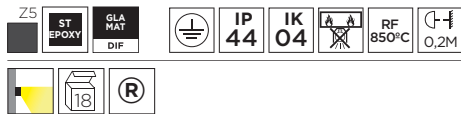


ANGLE

05-9565-Z5-B8

GU-10 max. 35W / max. L=70mm

Halogen - Fluorescent **A++ >>> C**

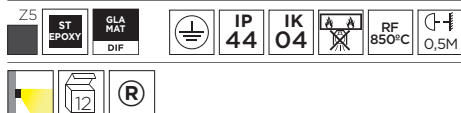


ANGLE

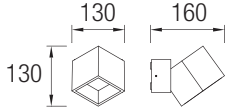
05-9566-Z5-B8

E-27 max. 60W / max. L=170mm

Halogen - Fluorescent **A++ >>> C**







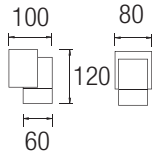
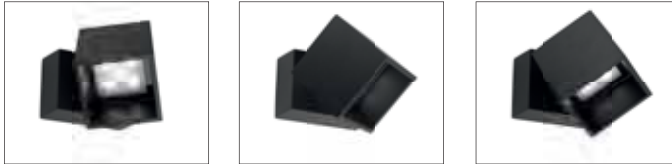
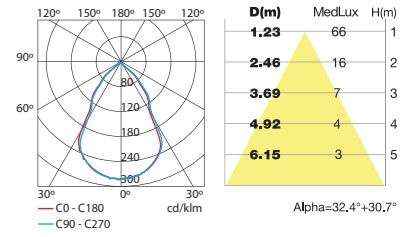
CUBUS

05-9685-Z5-T2

5 LED CREE 5W 3000K 470lm **A++** A



LED 5W



ICARO

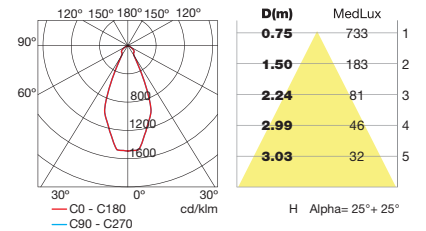
05-9190-34-37

GU-10 max. 50W / max. L=75mm
Halogen - Fluorescent

A++ C



GU-10 50W



ICARO

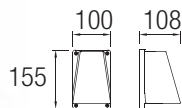
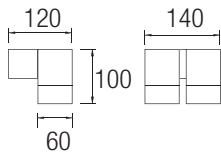
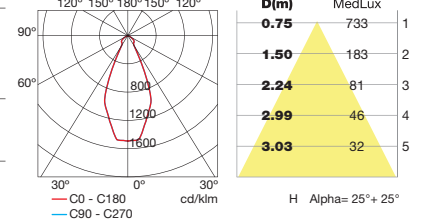
05-9191-34-37

2 x GU-10 max. 50W / max. L=75 mm
Halogen - Fluorescent

A++ C



GU-10 50W



HAMMER

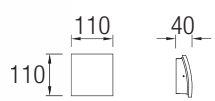
05-9871-Z5-37

GU-10 max. 35W / max. L=70mm
Halogen - Fluorescent

A++ C







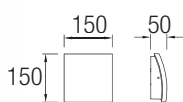
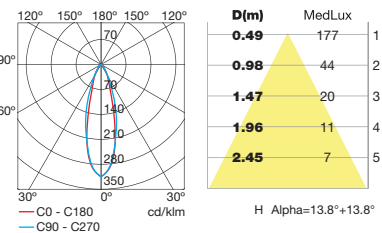
SURF NEW

05-9483-34-CL

LED CREE 2,3W 3000K 142lm **A++ >>> A**

34	AL INJ	GLA TRAN DIF	IP 64	IK 08	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz		
DIFFUSER FILTER	20	R			

LED 2,3W



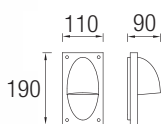
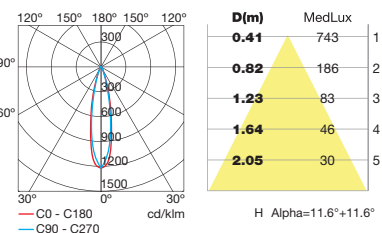
SURF NEW

05-9484-34-CL

LED CREE 4,6W 3000K 284lm **A++ >>> A**

34	AL INJ	GLA TRAN DIF	IP 64	IK 08	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz		
DIFFUSER FILTER	12	R			

LED 4,6W



ALFA

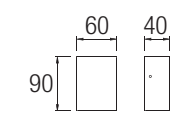
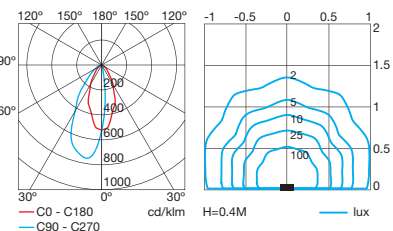
05-9344-J6-T2

05-9344-34-T2

GU-10 max. 50W / max. L=65mm
Halogen - Fluorescent

34	J6	AL PUR	GLA MAT DIF	IP 54	IK 07	A A	RF 850°C
0,5M							
9	6	R					

GU-10 50W



TAYLOR

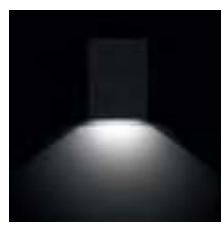
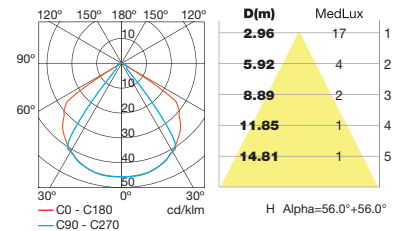
05-9594-14-37

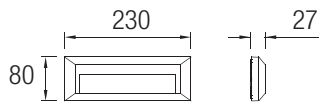
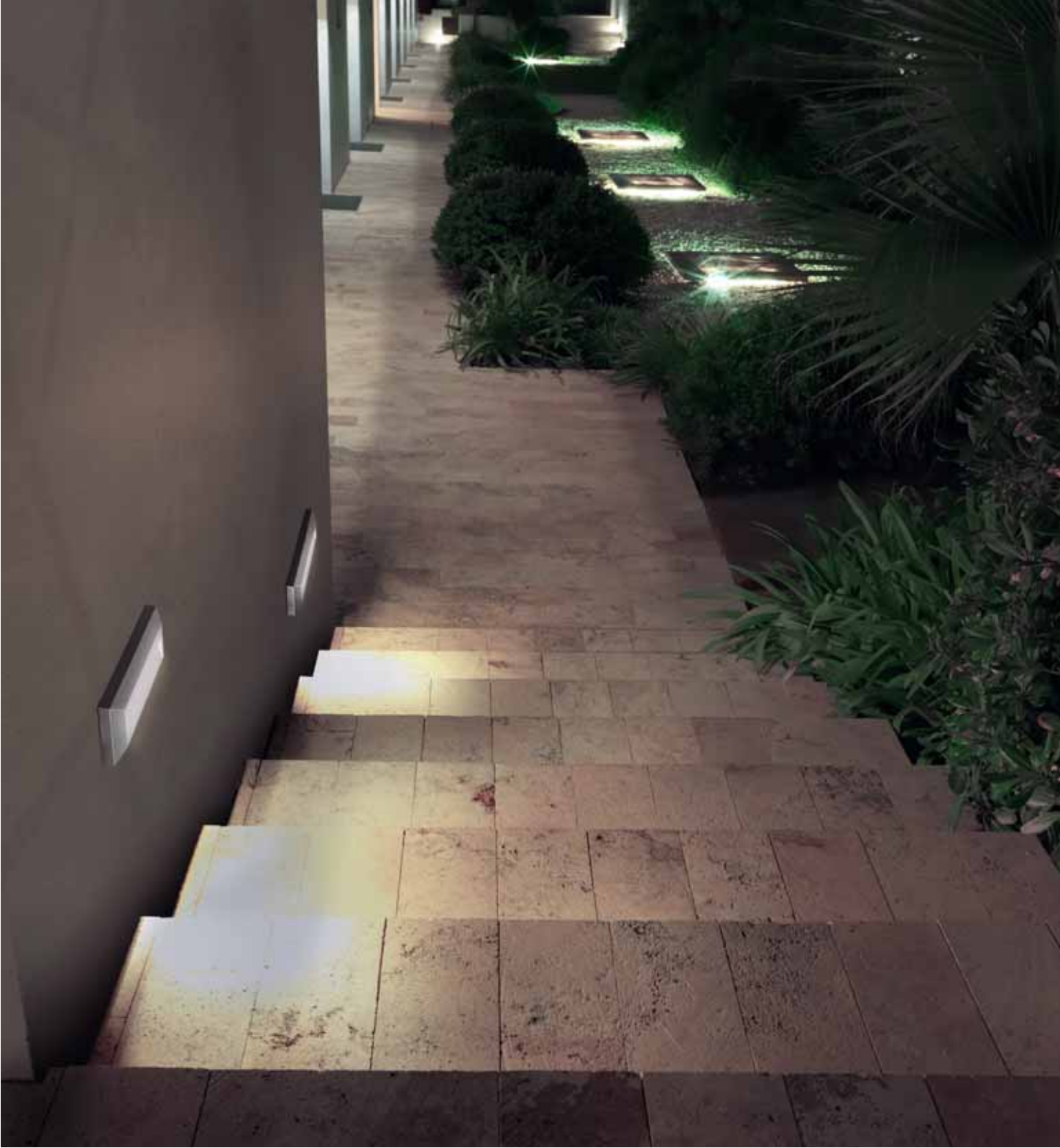
05-9594-34-37

LED CREE 2,2W 4000K 184 lm **A++ >>> A**

14	34	AL INJ	GLA TRAN DIF	IP 44	RF 850°C
E	100V 240V	50-60 Hz			
DIFFUSER FILTER	12				

LED 2,2W





KÖSSEL NEW

05-9814-14-CM + +

35 LED 1,5W 4000K 150lm **A++** **A**

14 **PC** **ABS** **PC TRAN DIF** **IP 65**

220V 240V **50-60 Hz**

FILTER 3000K

P. 604, 605



KÖSSEL NEW

05-9802-14-CM □ + ■ + ■

16 LED 1,5W 4000K 150lm A++ >>> A

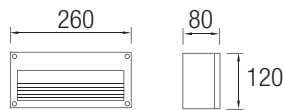
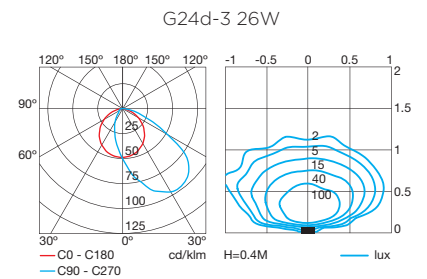
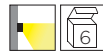


MICENAS

05-9315-34-B8 ■

05-9315-Z5-B8 ■

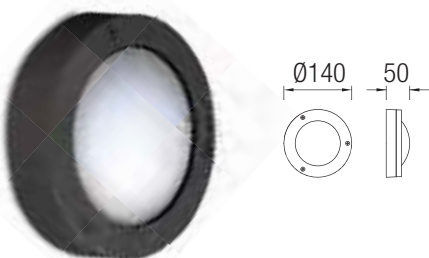
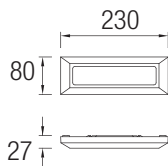
G24d-3 26W Fluorescent A++ >>> B



KÖSSEL

05-9779-34-M2 ■

44 LED 4W 3000K 396lm A++ >>> A



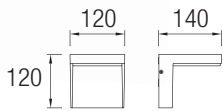
GAP

05-9681-Z5-B8 ■

36 LED 3W 4000K 288lm A++ >>> A





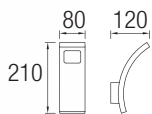


CORNER

05-9687-14-M1

25 LED 2,5W 3000K 250lm **A++ >>> A**

14	AL INJ	PC OPAL DIF	IP 54	RF 850°C
E	110V 230V	50-60 Hz		
8				

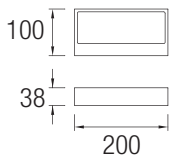
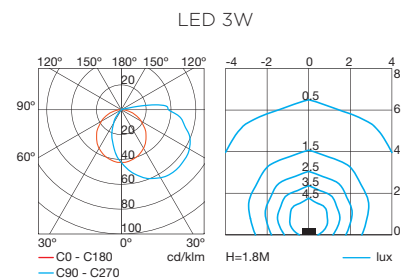


SHARPE

05-9602-34-M1

3 LED CREE 3W 4000K 321lm **A++ >>> A**

34	AL INJ	PC OPAL DIF	IP 44	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz	
4				
P. 635				

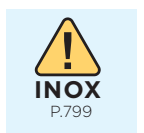


NEMESIS

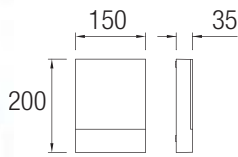
05-9776-CA-G5

60 LED 3,4W 3000K 300lm **A++ >>> A**

CA	INOX AISI 316	GLA OPAL DIF	IP 54	IK 04	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz		
12					







LOTTERY

05-9726-Z5-37

60 LED 3,4W 4000K 378lm **A++ >>> A**

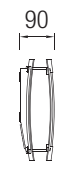
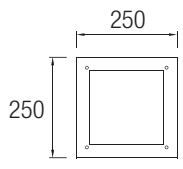
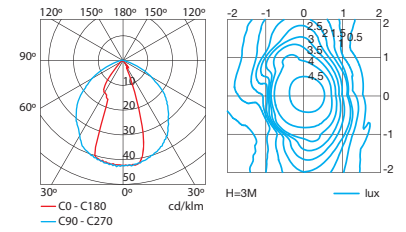
Z5 AL PUR GLA TRAN DIF IP 54 IK 08

EAGLE RISE 100V 240V 50-60 Hz

Light distribution icons: beam, diffuser, and registered trademark symbol.



LED 3,4W



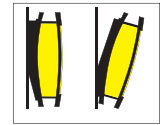
DARWIN

05-9444-Z5-CD

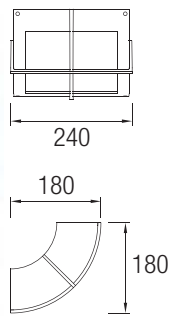
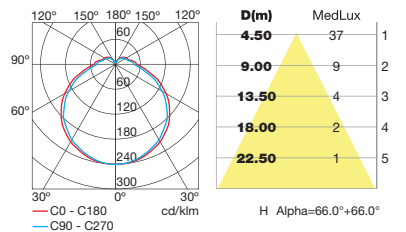
E-27 max. 23W / max. L=180mm Ø=60mm Fluorescent **A++ >>> C**

Z5 ABS PC MAT DIF IP 54 IK 10 RF 850°C

Light distribution icons: beam, diffuser, and registered trademark symbol.



E-27 23W



WINDOWS

05-9410-Z5-B8

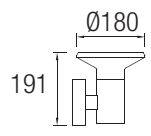
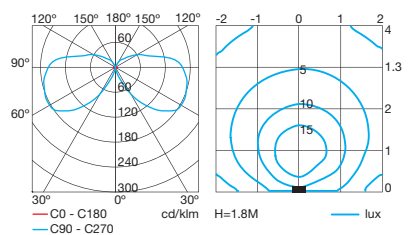
GX24d-3 26W Fluorescent **A++ >>> B**

Z5 AL PUR GLA MAT DIF IP 44 IK 04 RF 850°C

230V 50 Hz

Light distribution icons: beam, diffuser, and registered trademark symbol.

GX24d-3 26W



SPACE NEW

05-9872-Z5-CL

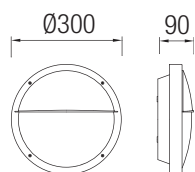
LED SHARP 7,5W 3000K 650lm **A++ >>> A**

Z5 AL PUR AL EXTR PC OPAL DIF IP 65

100V 240V 50-60 Hz

Light distribution icons: beam, diffuser, and registered trademark symbol.





OPAL

05-9677-14-M1

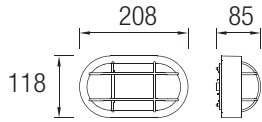
2 x E-27 max. 23W / max. L=165mm
Fluorescent

A++ >>> C

14 ABS PC OPAL DIF IP 65 IK 10



P.
610, 611

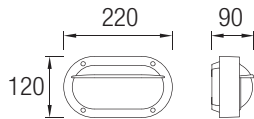


TURTLED NEW

05-9838-34-CL ■

28 LED 6W 3000K 572lm

A++ >>> A



BASIC

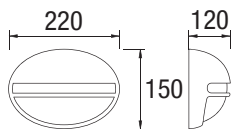
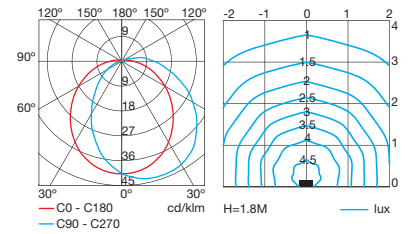
05-9544-Z5-M3 ■

E-27 max. 16W / max. L=145mm Ø60mm
Fluorescent

A++ >>> C



E-27 16W



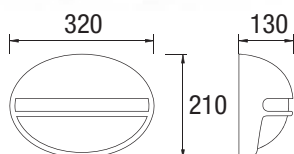
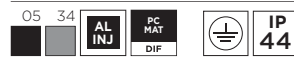
ZEUS

05-8751-34-M3 ■

05-8751-05-M3 ■

E-27 max. 60W / max. L=100mm Ø=45mm
Halogen - Fluorescent

A++ >>> C



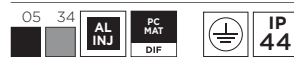
ZEUS

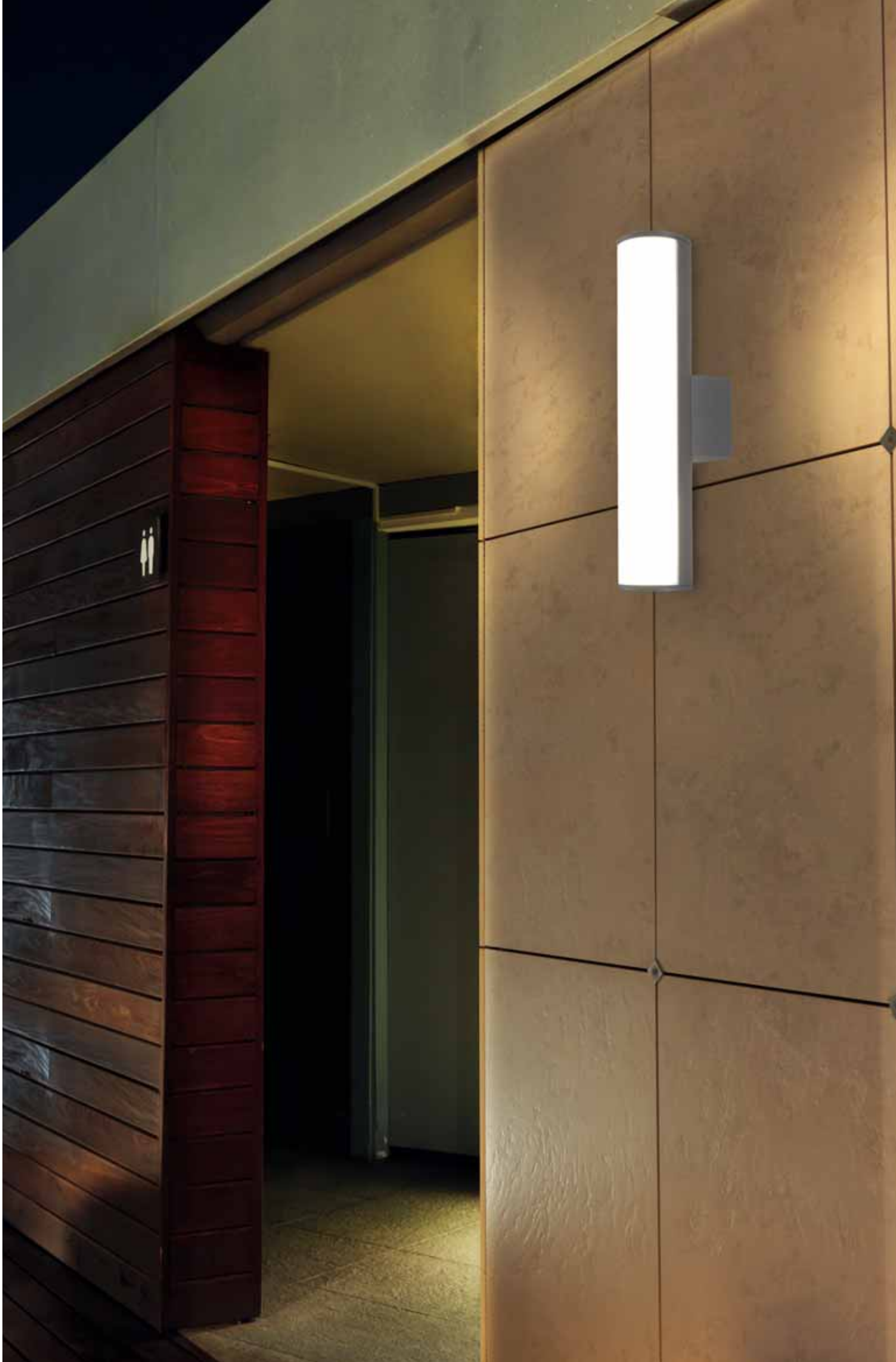
05-8729-34-M3 ■

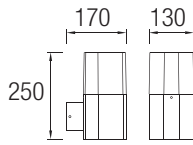
05-8729-05-M3 ■

E-27 max. 100W / max. L=167mm
Halogen - Fluorescent

A++ >>> C



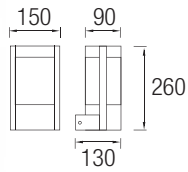




MANDELA

05-9605-Z5-M1 ■

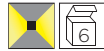
E-27 max. 23W / max. L=150mm
Fluorescent **A++>>>C**



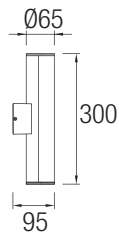
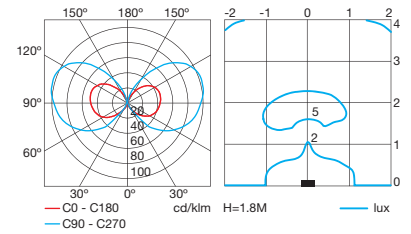
HEBE

05-9238-34-M3 ■

E-27 max. 100W / max. L=167mm
Halogen - Fluorescent **A++>>>C**



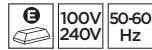
E-27 30W



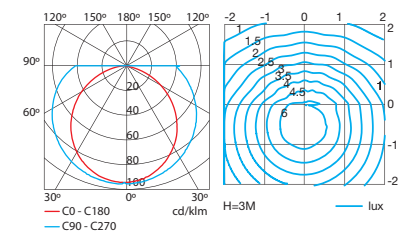
MONACO

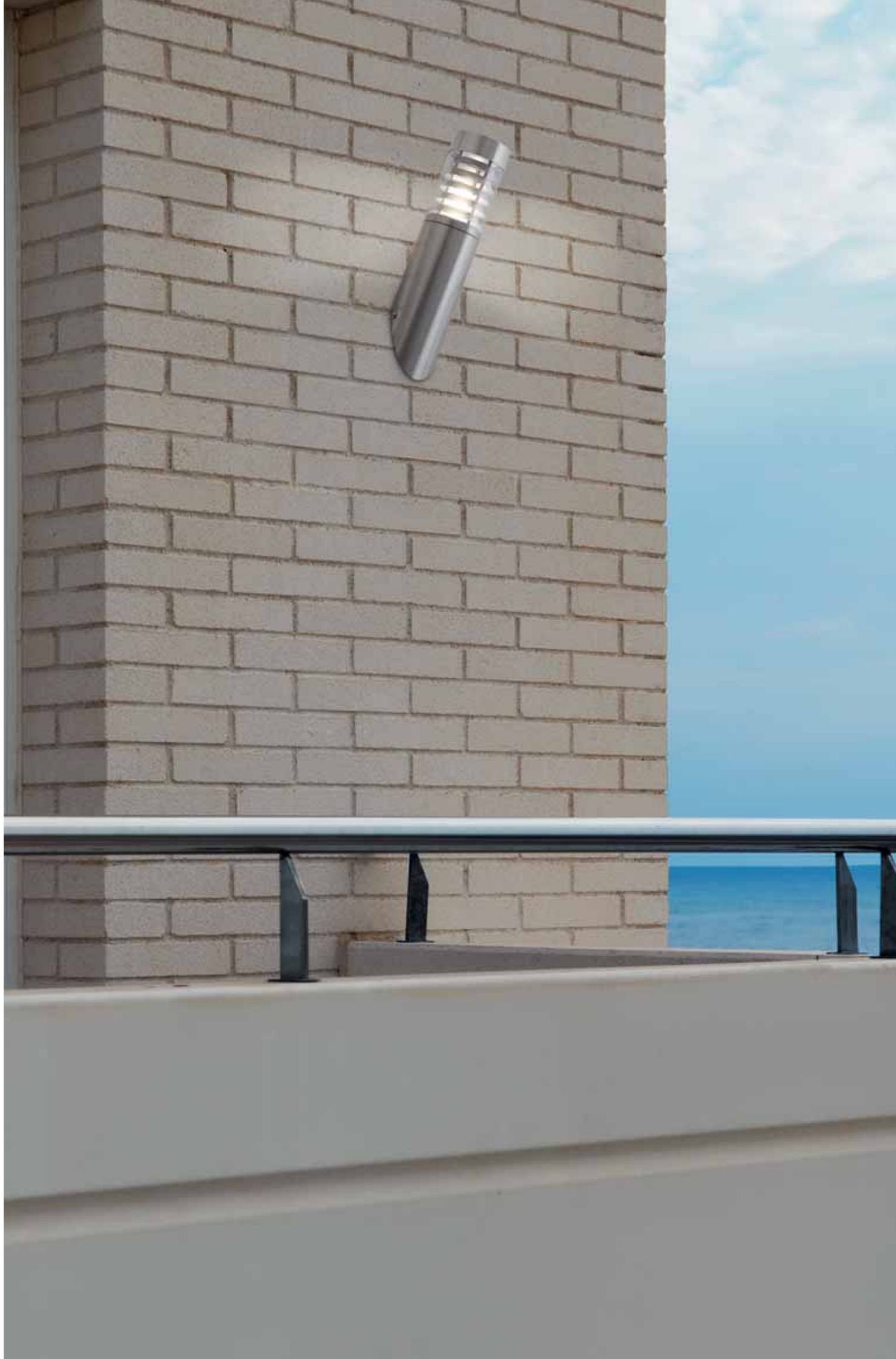
05-9780-34-M1 ■

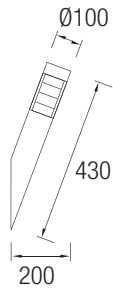
40 LED 7W 3000K 600lm **A++>>>A**



LED 7W





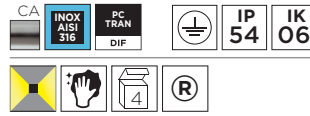


PRIAP

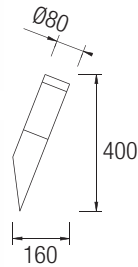
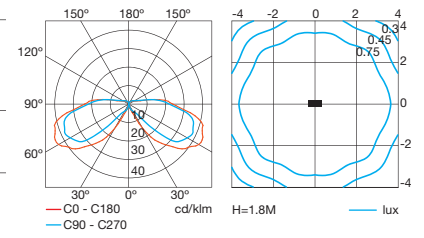
05-9239-CA-M2

E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent

A++ C



E-27 23W

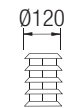
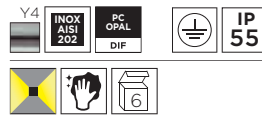


ELECTRA

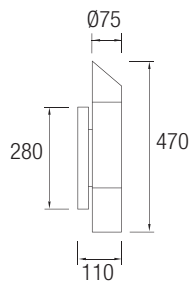
05-8790-Y4-M1

E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent

A++ C



55-8791-Y4-Y4

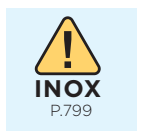
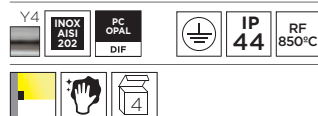


NEREO

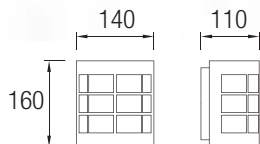
05-8796-Y4-M1

E-27 max. 23W / max. L=167mm Ø=51mm
Fluorescent

A++ C







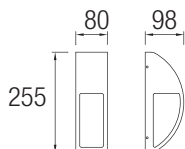
AJAX

05-9600-CA-B8

E-27 max. 40W / max. L=80mm Ø=55mm
Halogen - Fluorescent

A++ >>> C

CA INOX AISI 316 GLA MAT DIF IP 44 RF 850°C



TREBBIN

05-9777-CA-G5

12 LED SAMSUNG 4,2W 3000K 486lm

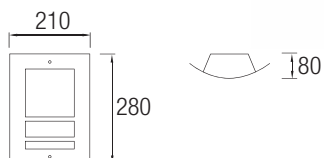
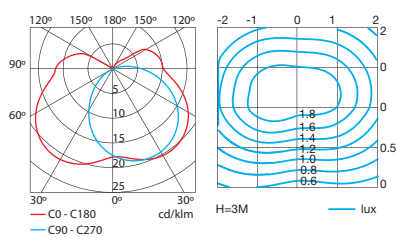
A++ >>> A

CA INOX AISI 316 GLA OPAL DIF IP 23 IK 02

E SELF 110V 230V 50-60 Hz



LED 4,2W



AJAX

05-9207-J6-M1

05-9207-Y4-M1

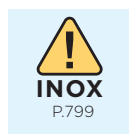
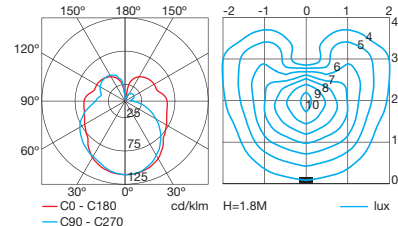
E-27 max. 60W / max. L=140mm Ø=70mm
Halogen - Fluorescent

A++ >>> C

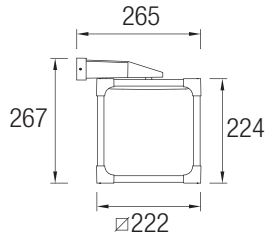
J6 Y4 INOX AISI 304 PC MAT DIF IP 44



E-27 23W







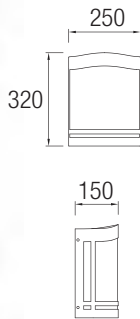
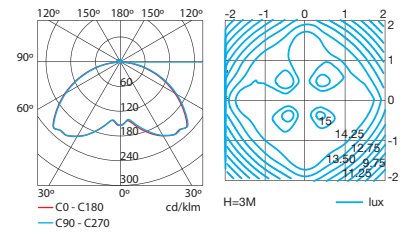
VINTAGE

05-9774-CC-CD ■

192 LED 13,5W 3000K 1209lm **A++ >>> A**



LED 13,5W

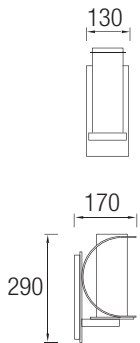


SOPHIE

05-9509-Z5-37 ■

E-27 max. 23W / max. L=165mm Ø=50mm
Fluorescent - LED

A++ >>> C

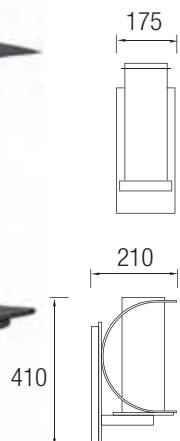


CIRI

05-9330-05-B8 ■

E-27 max. 100W / max. L=155mm
Halogen - Fluorescent

A++ >>> C

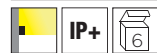


CIRI

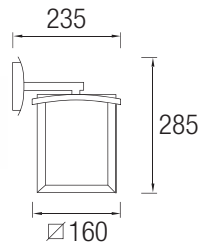
05-9331-05-B8 ■

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent

A++ >>> C







MARK

05-9298-14-M1

□ PC OPAL

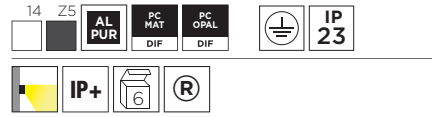
05-9298-Z5-M3

■ PC MAT

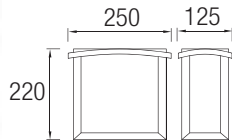
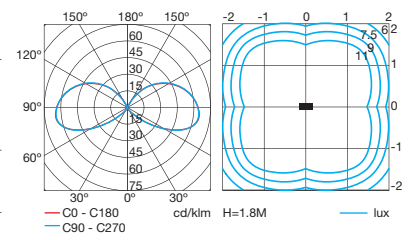
E-27 max. 100W / max. L=150mm

Halogen - Fluorescent - LED

A++ C



E-27 18W



MARK

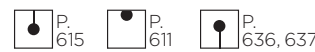
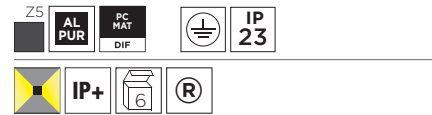
05-9299-Z5-M3

■

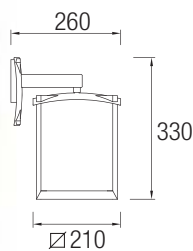
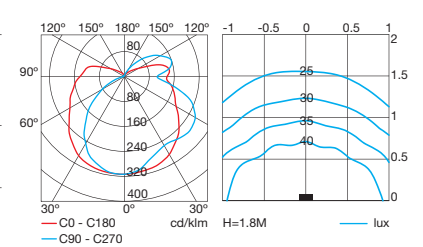
2 x E-27 max. 60W / max. L=150mm Ø=50mm

Halogen - Fluorescent - LED

A++ C



E-27 18W



MARK

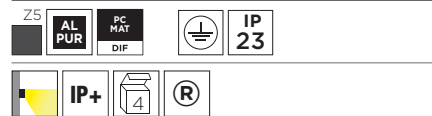
05-9390-Z5-M3

■

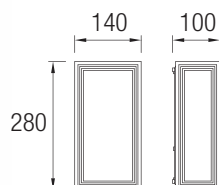
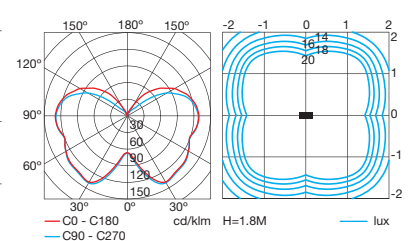
E-27 max. 100W / max. L=200mm

Halogen - Fluorescent - LED

A++ C



E-27 30W



THOMAS

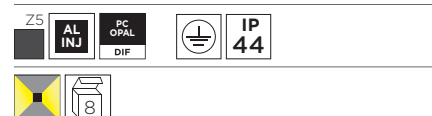
05-9686-Z5-M1

■

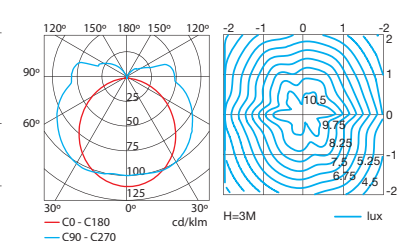
E-27 max. 23W / max. L=180mm

Fluorescent

A++ C



E-27 23W





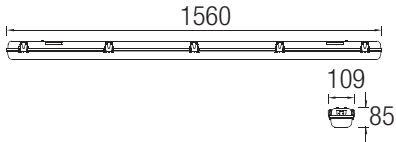
CEILING



SOLID NEW

15-9843-34-CM

320 LED 50W 4000K 6120lm **A++ >>> A**



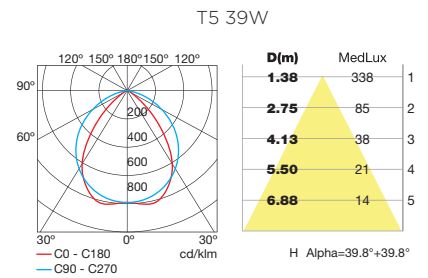
34	PC	ABS	PC MAT DIF	IP 54
E	100V 240V	50-60 Hz		



AFRODITA

15-9560-34-37

T5 39W Fluorescent **A++ >>> B**



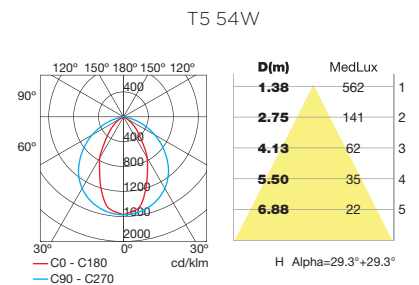
34	AL EXTR	GLA HARD DIF	IP 54	IK 07	RF 850°C
E	BAG	220V 240V	50-60 Hz		



AFRODITA

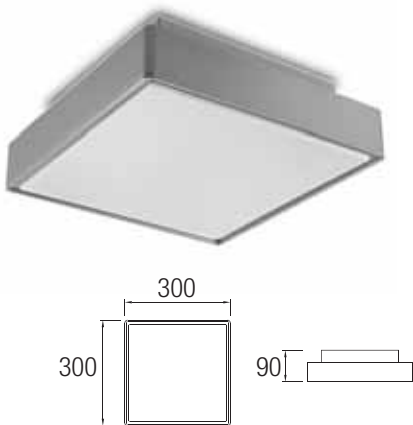
15-9561-34-37

T5 54W Fluorescent **A++ >>> B**



34	AL EXTR	GLA HARD DIF	IP 54	IK 07	RF 850°C
E	BAG	220V 240V	50-60 Hz		





KÖSSEL

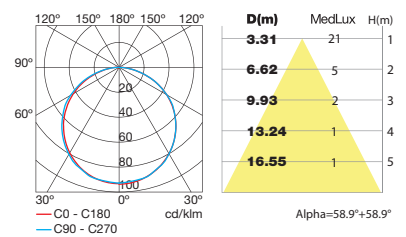
15-9619-34-M1

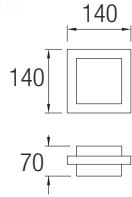
2 x E-27 max. 18W / max. L=160mm Ø=50mm
Fluorescent **A++** **C**



P. 584, 585

2 x E-27 18W

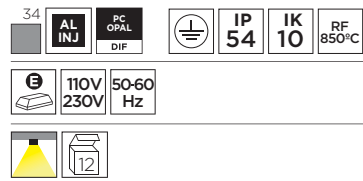




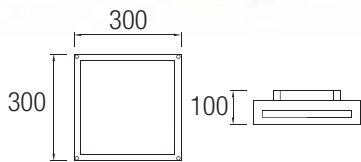
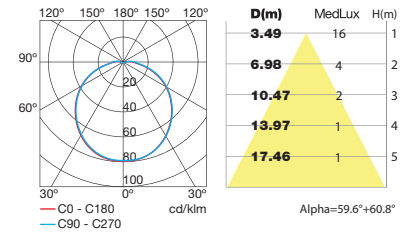
JEP

15-9688-34-M1

25 LED 3,5W 3000K 370lm **A++ >>> A**



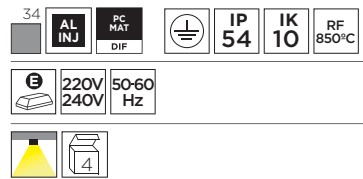
LED 3,5W



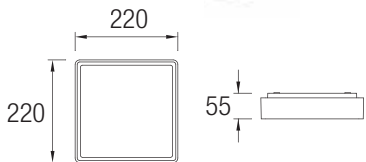
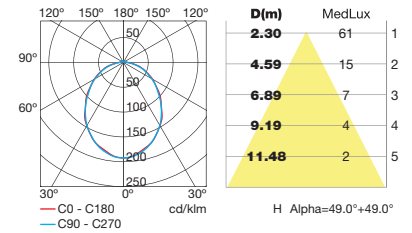
LEGGETT

15-9696-34-CD

81 LED 15W 3000K 1180lm **A++ >>> A**



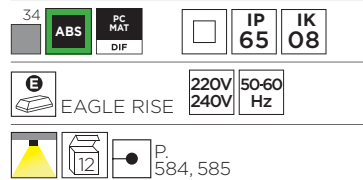
LED 15W



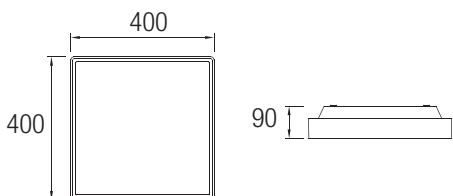
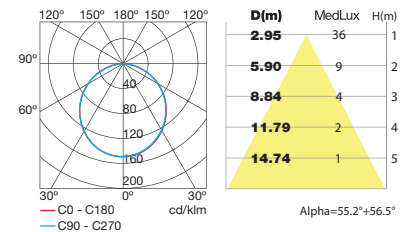
KÖSSEL

15-9778-34-CD

100 LED 6,5W 3000K 644lm **A++ >>> A**



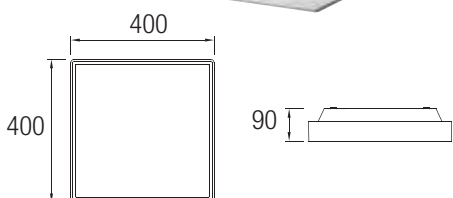
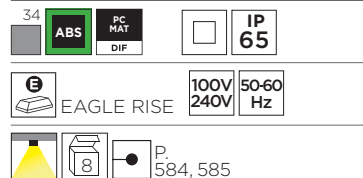
LED 6,5W



KÖSSEL NEW

15-9806-34-CL

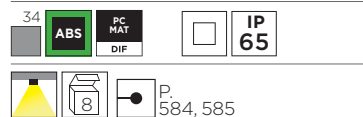
144 LED 19W 3000K 2268lm **A++ >>> A**

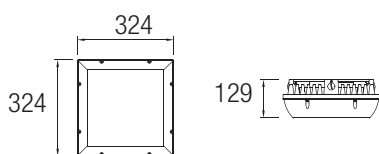


KÖSSEL NEW

15-9807-34-M1

2 x E-27 max. 23W / max. L=190mm Ø=50mm
Halogen - Fluorescent **A++ >>> C**



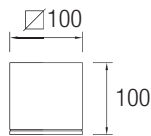


PREMIUM NEW

15-9839-05-CL ■

121 LED SAMSUNG 36W 3000K 4991lm **A++>>A**





AFRODITA

15-9680-34-37

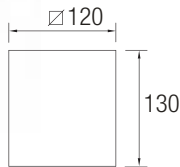
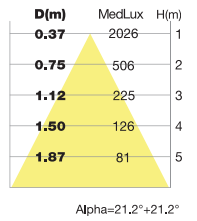
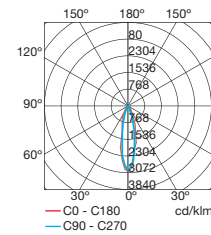
4 LED CREE 9W 4000K 736lm **A++>>>A**

34 AL INJ GLA IP 65 IK 04 RF 850°C
DIF

EAGLE RISE 100V 50-60 Hz
240V Hz



LED 9W



AFRODITA

15-9558-CA-B8

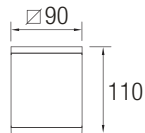
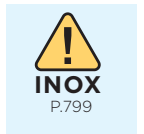
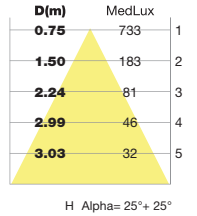
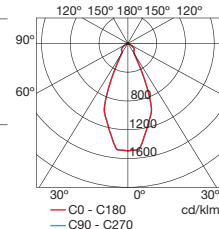
Par-20/30 E-27 max. 50W /
max. L=98mm Ø=97mm
Halogen - Fluorescent **A++>>>C**

CA INOX AISI 316 GLA MAT IP 44 IK 05 RF 850°C
DIF

0,5M



Par-30 50W



AFRODITA

15-9480-34-37

15-9480-Z5-37

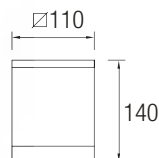
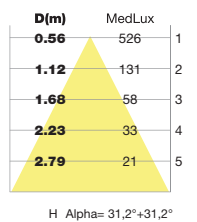
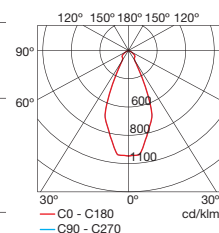
GU-10 max. 35W / max. L=75mm
Halogen - Fluorescent **A++>>>C**

34 Z5 AL INJ GLA TRAN IP 54 IK 05 RF 850°C
DIF

0,5M



GU-10 35W



AFRODITA

15-9328-34-B8

15-9328-Z5-B8

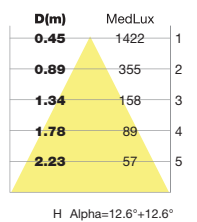
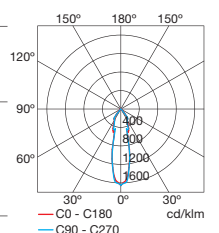
Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent **A++>>>C**

34 Z5 AL INJ GLA TRAN IP 54 IK 05 RF 850°C
DIF

0,5M



Par-30 75W





COSMOS NEW

15-9790-34-CL

15-9790-Z5-CL

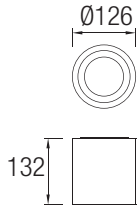
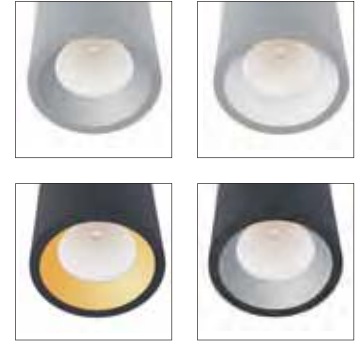
LED CREE 12W 3000K 1290lm **A++>>>A**

34 Z5 AL PUR GLA TRAN IP 65
DIF DIF

EAGLE RISE 100V 240V 50-60 Hz



P. 571 P. 631



COSMOS

15-9362-34-37

15-9362-Z5-37

Par-30 E-27 max. 75W / max. L=90mm Ø=97mm
Halogen - Fluorescent **A++>>>C**

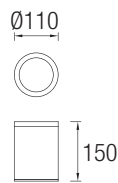
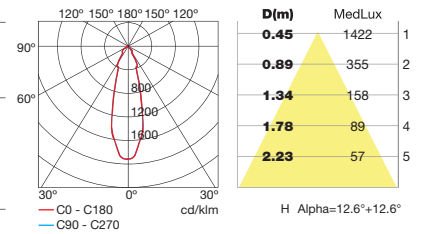
34 Z5 AL PUR GLA TRAN IP 54 IK 07 RF 850°C
DIF DIF

0,5M



P. 571 P. 631

Par-30 75W



COSMOS

15-9365-34-T2

15-9365-Z5-T2

2 x GX24d-3 26W Fluorescent **A++>>>B**

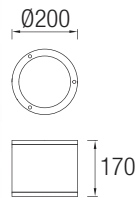
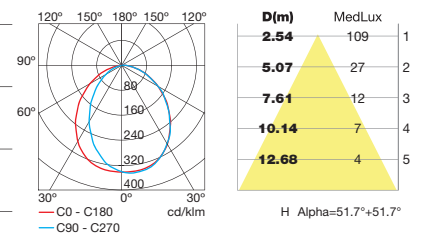
34 Z5 AL INJ GLA MAT IP 65 IK 08 RF 850°C
DIF DIF

BAG 220V 240V 50 Hz



P. 571 P. 631

2 x GX24d-3 26W



SELENE

15-9234-34-37

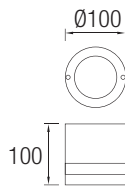
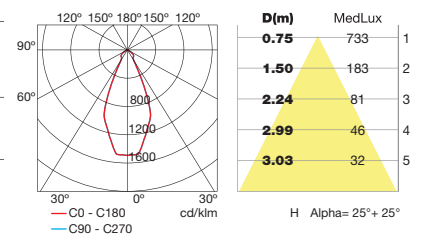
GU-10 max. 35W / max. L=70mm
Halogen - Fluorescent **A++>>>C**

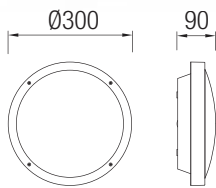
34 AL INJ GLA TRAN PMMA IP 54 RF 850°C 0,5M
DIF DIF



P. 573

GU-10 35W

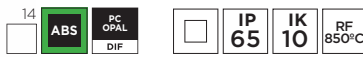




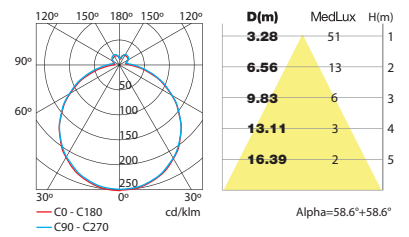
OPAL

15-9677-14-M1 □

2 x E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent **A++** C



2 x E-27 23W



LED KIT

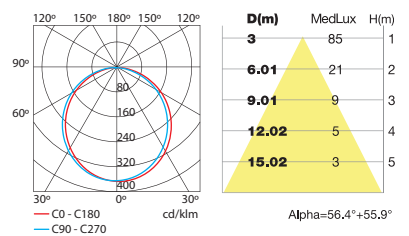
71-9711-00-00V1 4000K 1488lm

71-9712-00-00V1 3000K 1340lm

39 LED 14,5W



LED 14,5W 4000K





LOFT NEW

15-9810-05-CL ■ 3000K 1122lm

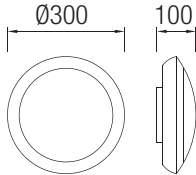
15-9810-05-CM ■ 4000K 1224lm

60 LED 11W **A++ >>> A**

05 ■ **PC** ■ **ABS** ■ **PC OPAL** ■ **IP 65**
DIF

E **100V** **50-60**
240V **Hz**

12



MICROWAVE SENSOR



OPAL

15-9678-14-M1 □

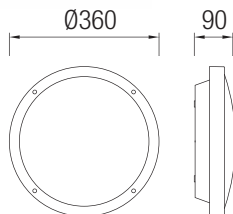
2 x E-27 max. 42W / max. L=180mm Ø=55mm
 Halogen - Fluorescent **A++ >>> C**

14 ■ **ABS** ■ **PC OPAL** ■ **IP 65** ■ **IK 10**
DIF

220V **50-60**
240V **Hz**

360° **1-10m** **TIME 65-12m** **LUX 2-2000** **R**

P. 590



MARK

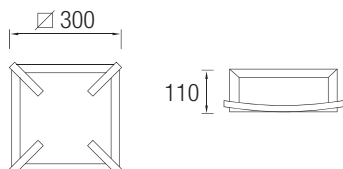
15-9298-Z5-M3 ■

2 x E-27 max. 60W / max. L=167mm Ø=50mm
 Halogen - Fluorescent **A++ >>> C**

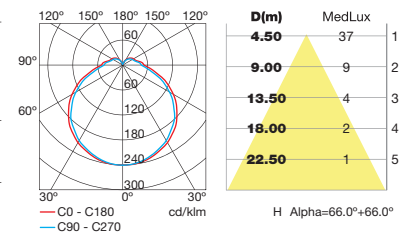
Z5 ■ **AL PLUR** ■ **PC MAT** ■ **IP 44**
DIF

R

P. 601 **P. 615** **P. 636, 637**



2 x E-27 23W





BASIC ALUMINIUM NEW

15-9835-34-M1 ■

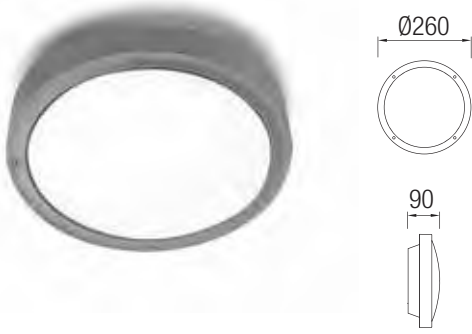
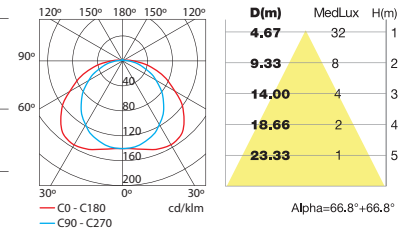
E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent

A++ C

34 AL PUR ABS PC OPAL DIF IP 65 IK 10 RF 850°C

34 P. 591 P. 661

E27 18W



BASIC

15-9491-34-M3 ■

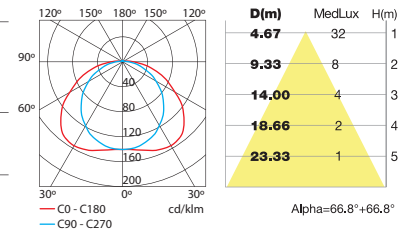
E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent

A++ C

34 ABS PC MAT DIF IP 65 IK 10 RF 850°C

34 P. 591 P. 661

E27 18W



BASIC

15-9493-34-M3 ■

2 x E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent

A++ C

34 ABS PC MAT DIF IP 65 IK 10 RF 850°C

34 P. 591 P. 661



BASIC

15-9542-34-M3 ■

2 x E-27 max. 23W / max. L=180mm
Fluorescent

A++ C

34 ABS PC MAT DIF IP 65 IK 10 RF 850°C

34 P. 591 P. 661

LED KIT

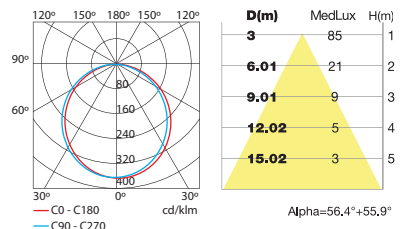
71-9711-00-00V1 4000K 1488lm

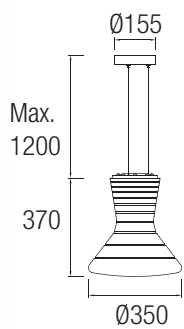
71-9712-00-00V1 3000K 1340lm

39 LED 14,5W

EAGLE RISE 100V 240V 50-60 Hz

LED 14,5W 4000K





JEMBE NEW

00-9796-14-M1

E-27 max. 23W / max. L=150mm
Fluorescent

A++ C

M1 PE IP 65



P. 697



KAP

00-9669-14-M1

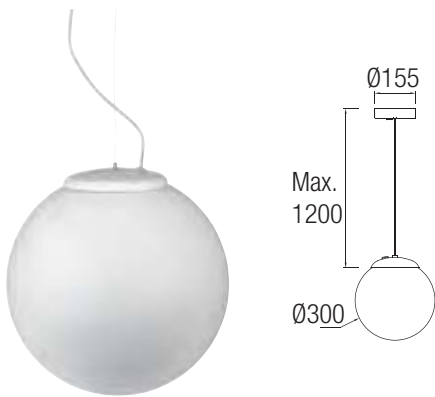
4 x E-27 max. 13W / max. L=120mm Ø50mm
Fluorescent

A++ >>> C

14 PE IP 44 IK 08



P. 699



CISNE NEW

00-9155-14-M1

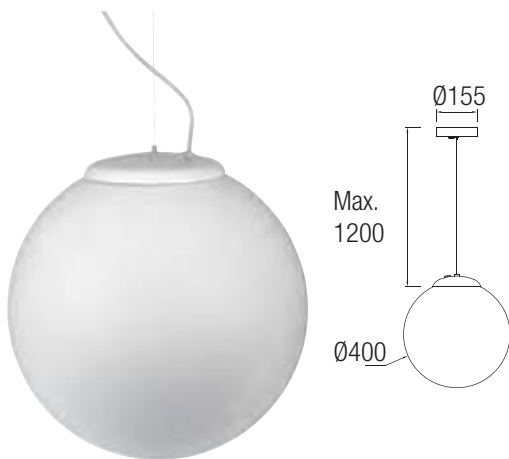
E-27 max. 100W
Halogen - Fluorescent

A++ >>> C

M1 PMMA OPAL IP 44



P. 695



CISNE NEW

00-9156-14-M1

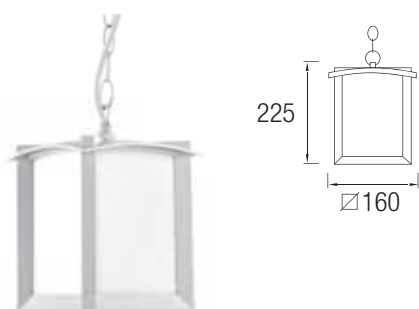
E-27 max. 150W
Halogen - Fluorescent

A++ >>> C

M1 PMMA OPAL IP 44



P. 695



MARK

00-9298-14-M1 PC OPAL

00-9298-Z5-M3 PC MAT

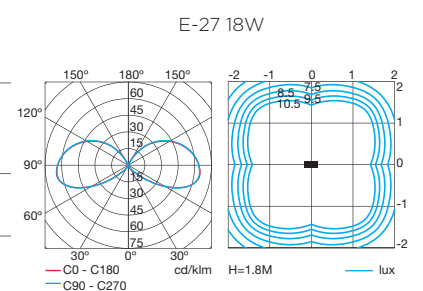
E-27 max. 100W / max. L=150mm
Halogen - Fluorescent - LED

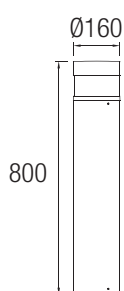
A++ >>> C

14 Z5 AL PUR PC MAT PC OPAL IP 23



P. 601 P. 611 P. 636, 637





NEWTON NEW

55-9791-Z5-CL ■

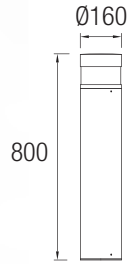
48 LED CREE 13W 3000K 1248lm **A++ >> A**

Z5	AL PUR	PC DIF	⚡	IP 65
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Ⓜ	EAGLE RISE	100V 240V	50-60 Hz
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⚠	🔧	📦	®
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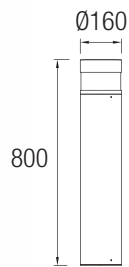
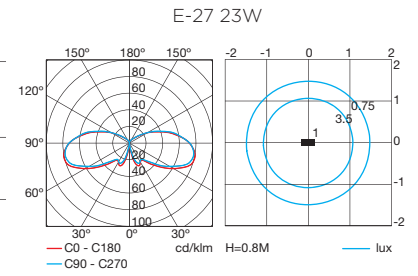
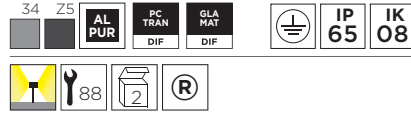
BOLLARDS



NEWTON

55-9504-34-M2 ■
55-9504-Z5-M2 ■

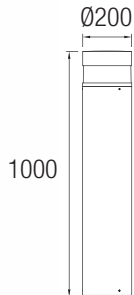
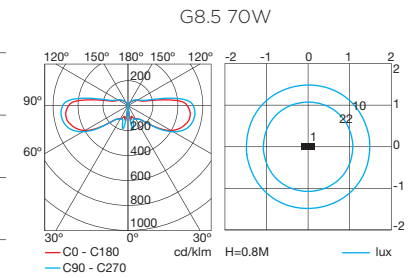
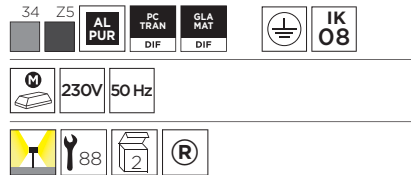
E-27 max. 23W / max. L=155mm Ø=55mm
Fluorescent **A++** >>> **C**



NEWTON

55-9505-34-M2 ■ IP 65 35W
55-9505-Z5-M2 ■ IP 65 35W
55-9506-34-M2 ■ IP 54 70W
55-9506-Z5-M2 ■ IP 54 70W

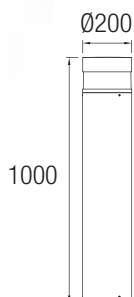
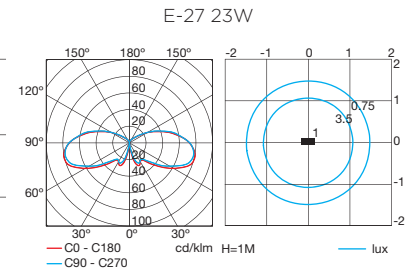
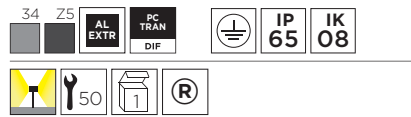
G8.5 HID **A+** >> **A**



NEWTON

55-9550-34-M2 ■
55-9550-Z5-M2 ■

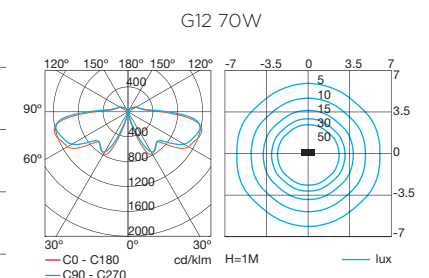
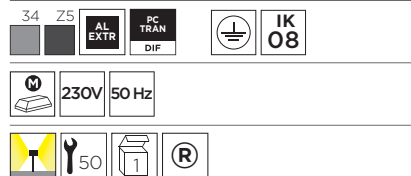
E-27 max. 23W / max. L=165mm Ø=55mm
Fluorescent **A++** >>> **C**



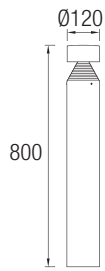
NEWTON

55-9551-34-M2 ■ IP 65 35W
55-9551-Z5-M2 ■ IP 65 35W
55-9552-34-M2 ■ IP 54 70W
55-9552-Z5-M2 ■ IP 54 70W

G12 HID **A+** >> **A**



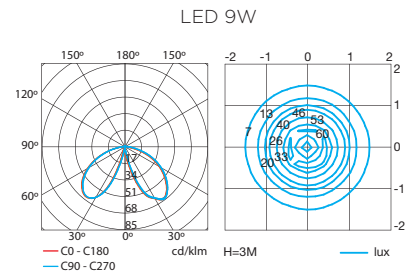
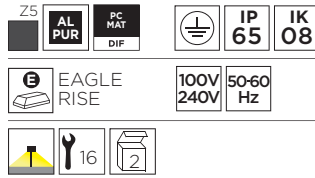




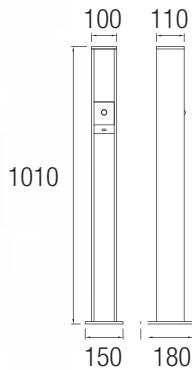
CILIN

55-9706-Z5-CD

9 LED CREE 9W 3000K 846lm **A++ >> A**



PIR
SENSOR

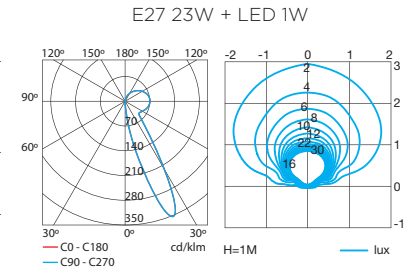
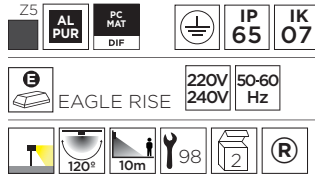


TWO-LIGHT

55-9775-Z5-CD

E-27 max.23W Fluorescent / L= 180mm **A++ >>> C**

+ LED 1W 3000K 94lm **A++ >> A**



LED



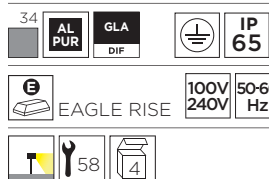
LED+E-27

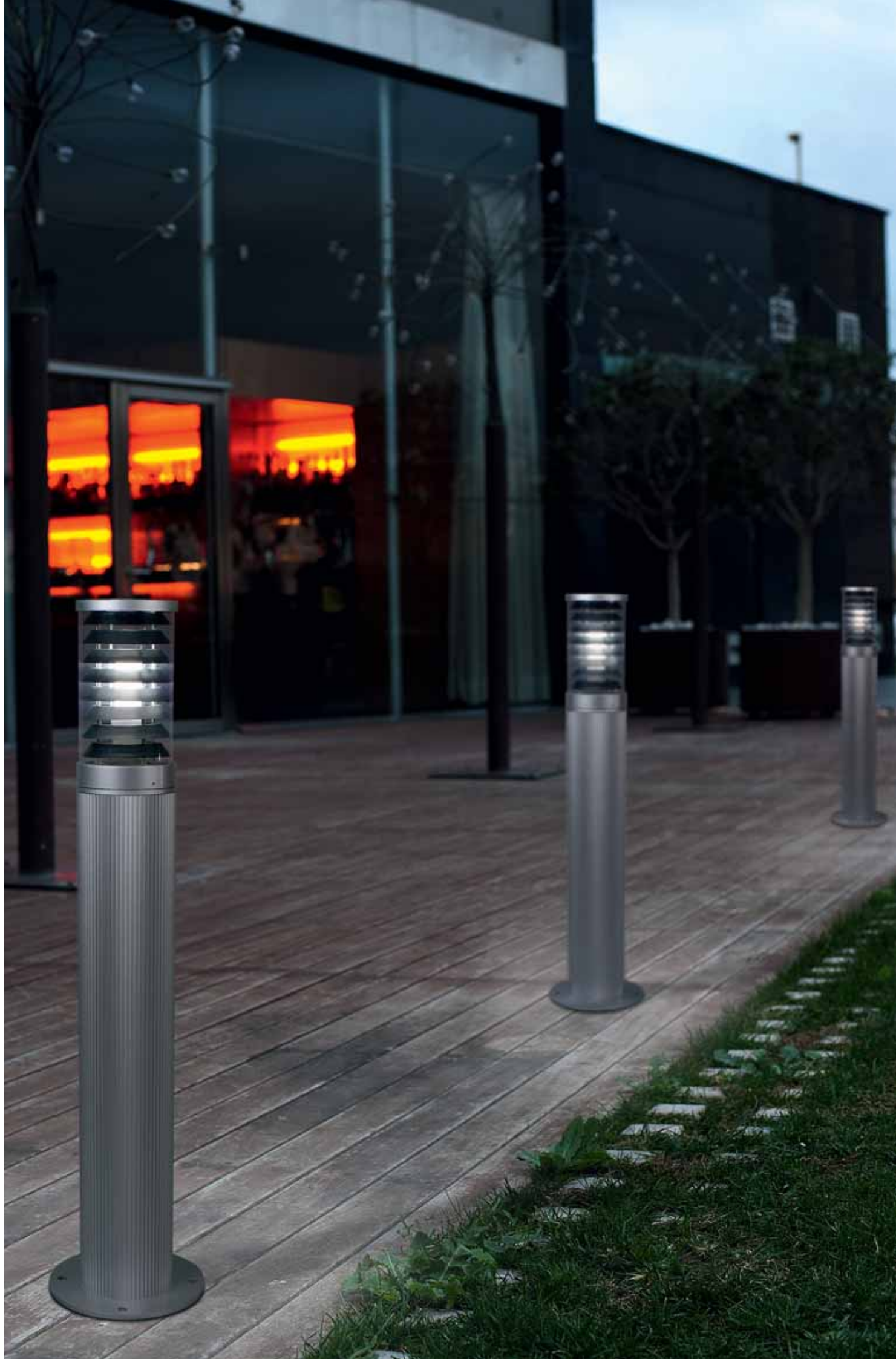


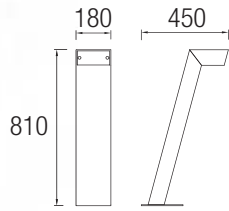
HAUTE NEW

55-9834-34-CL

LED 7W 3000K 567lm **A++ >> A**



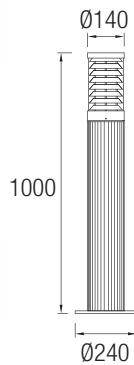
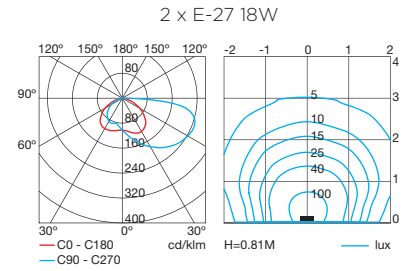
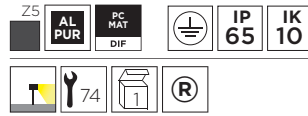




TORCH

55-9459-Z5-M3 ■

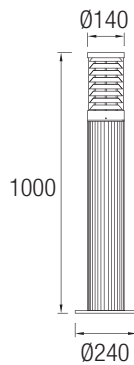
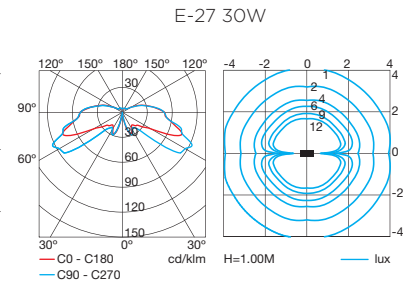
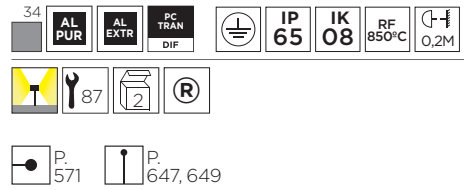
2 x E-27 max. 18W / max. L=150mm Ø=50mm
Fluorescent **A++ >>> C**



TEMIS

55-9479-34-M2 ■

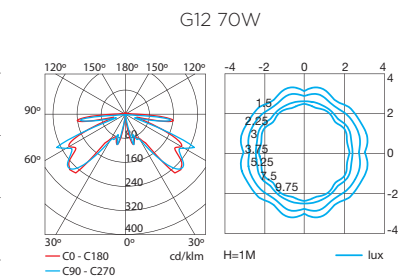
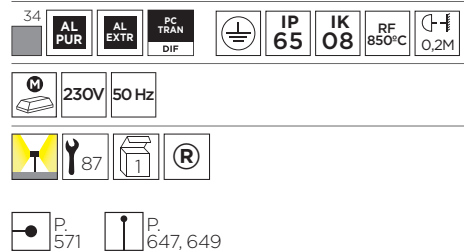
E-27 max. 100W / max. L=160mm Ø=55mm
Halogen - Fluorescent **A++ >>> C**



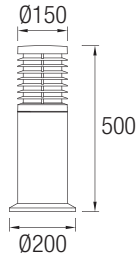
TEMIS

55-9530-34-M2 ■

G12 70W HID **A+ >> A**







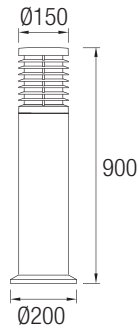
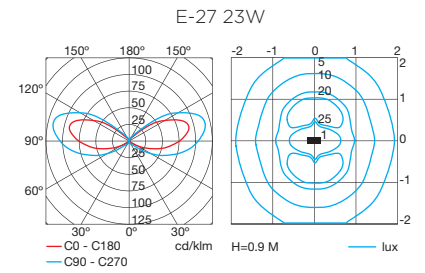
NOTT

55-9655-05-CD ■

E-27 max. 23W / max. L=190mm
Fluorescent

A++ C

05 PP PC IP65 IK08
DIF



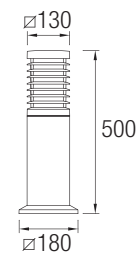
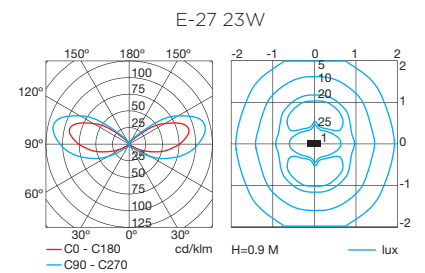
NOTT

55-9656-05-CD ■

E-27 max. 23W / max. L=190mm
Fluorescent

A++ C

05 PP PC IP65 IK08
DIF



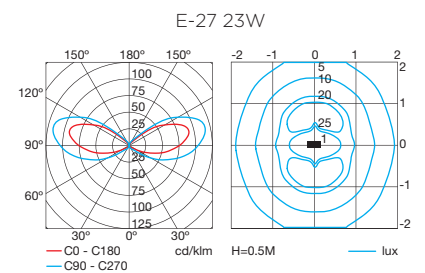
NOTT

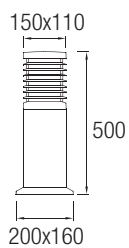
55-9657-05-CD(S) ■

E-27 max. 23W / max. L=190mm
Fluorescent

A++ C

05 PP PC IP65 IK08
DIF





NOTT

55-9358-34-M3 ■

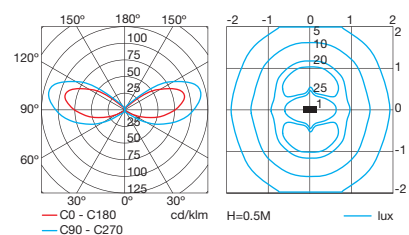
55-9358-Z5-M3 ■

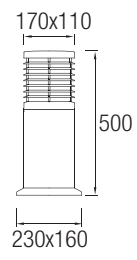
E-27 max. 30W / max. L=190mm
Halogen - Fluorescent

A++ C



E-27 23W





NOTT

55-9357-34-M3 ■

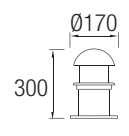
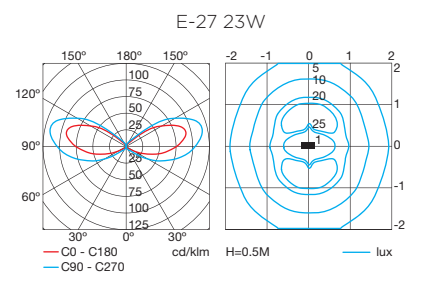
55-9357-Z5-M3 ■

E-27 max. 30W / max. L=190mm
Halogen - Fluorescent

A++ >>> C

34 Z5 AL PUR PC MAT PHMA MAT DIF IP 44 IK 08

⚡ 84 4 R



BALIZAS

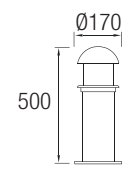
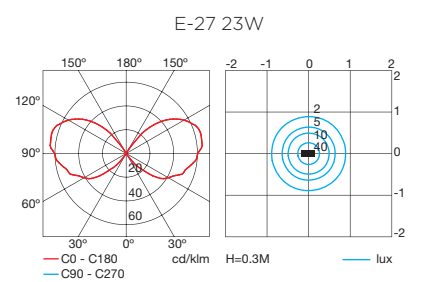
55-9334-Z5-M3 ■

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent

A++ >>> C

Z5 AL PUR PC MAT DIF IP 44 IK 08

⚡ 76 6 R



BALIZAS

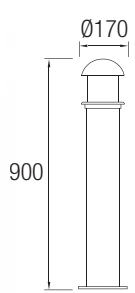
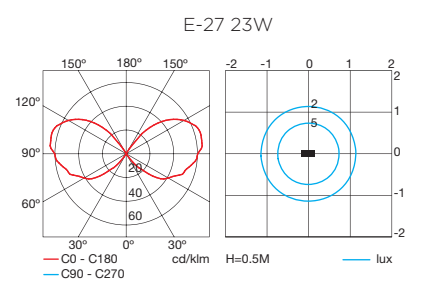
55-9335-Z5-M3 ■

E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent

A++ >>> C

Z5 AL PUR PC MAT DIF IP 44 IK 08

⚡ 76 4 R



BALIZAS

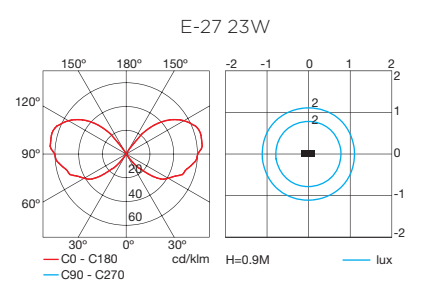
55-9336-Z5-M3 ■

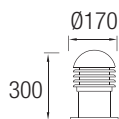
E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent

A++ >>> C

Z5 AL PUR PC MAT DIF IP 44 IK 08

⚡ 76 4 R





BALIZAS

55-9318-34-M3

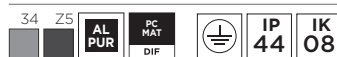


55-9318-Z5-M3

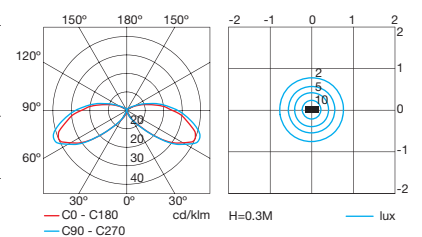


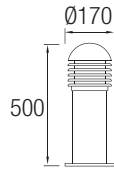
E-27 max. 100W / max. L=170mm
Halogen - Fluorescent

A++ C



E-27 23W





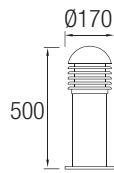
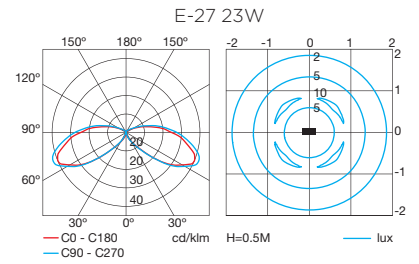
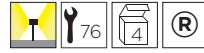
BALIZAS

55-9319-34-M3 ■

55-9319-Z5-M3 ■

E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent

A++ >>> C

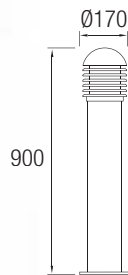
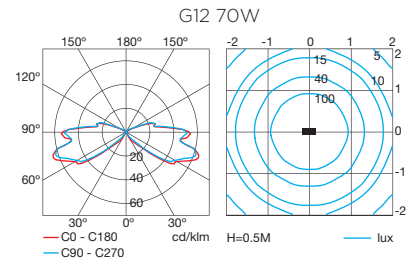
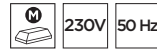


BALIZAS

55-9342-Z5-M3 ■

G12 70W HID

A+ >> A



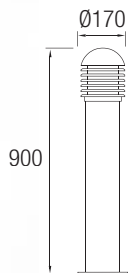
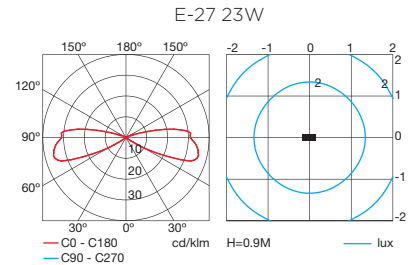
BALIZAS

55-9320-34-M3 ■

55-9320-Z5-M3 ■

E-27 max. 100W / max. L=140mm Ø=55mm
Halogen - Fluorescent

A++ >>> C

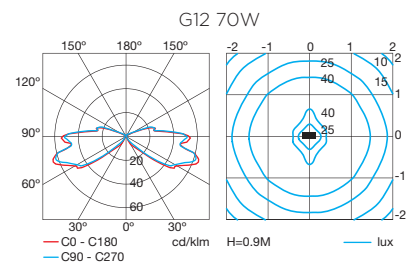


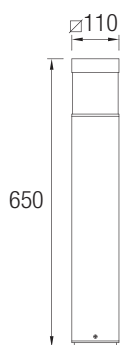
BALIZAS

55-9343-Z5-M3 ■

G12 70W HID

A+ >> A





CUBASE

55-9690-34-M2 ■

4 LED CREE 9W 3000K 648lm

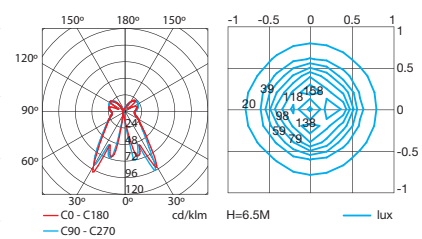
A++ >> A

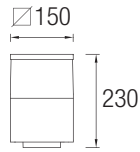
34 AL EXTR PC TRAN IP 54
DIF

100V 50-60
240V Hz

15 2

LED 9W





CUBIK

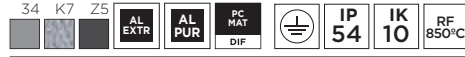
10-9386-34-M3 ■

10-9386-K7-M3 ■

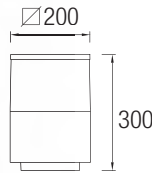
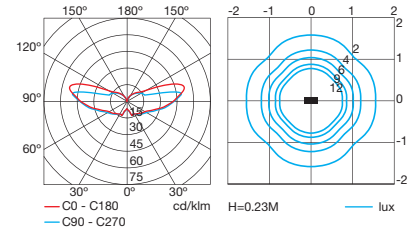
10-9386-Z5-M3 ■

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent

A++ C



E-27 13W



CUBIK

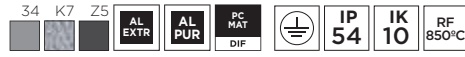
10-9387-34-M3 ■

10-9387-K7-M3 ■

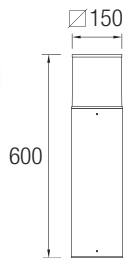
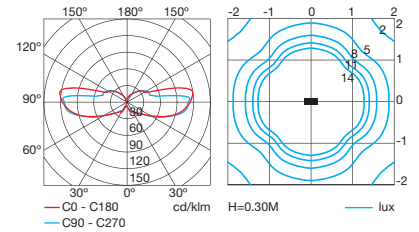
10-9387-Z5-M3 ■

E-27 max. 100W / max. L=185mm
Halogen - Fluorescent

A++ C



E-27 18W



CUBIK

55-9488-34-M3 ■

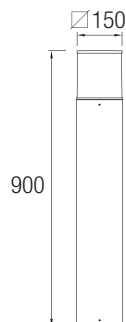
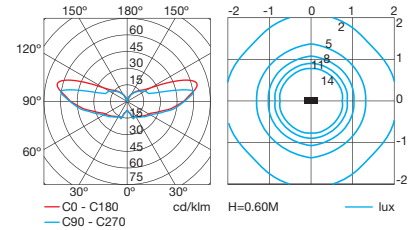
55-9488-Z5-M3 ■

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent

A++ C



E-27 13W



CUBIK

55-9549-34-M3 ■

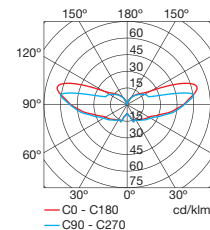
55-9549-Z5-M3 ■

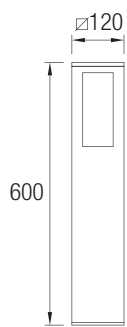
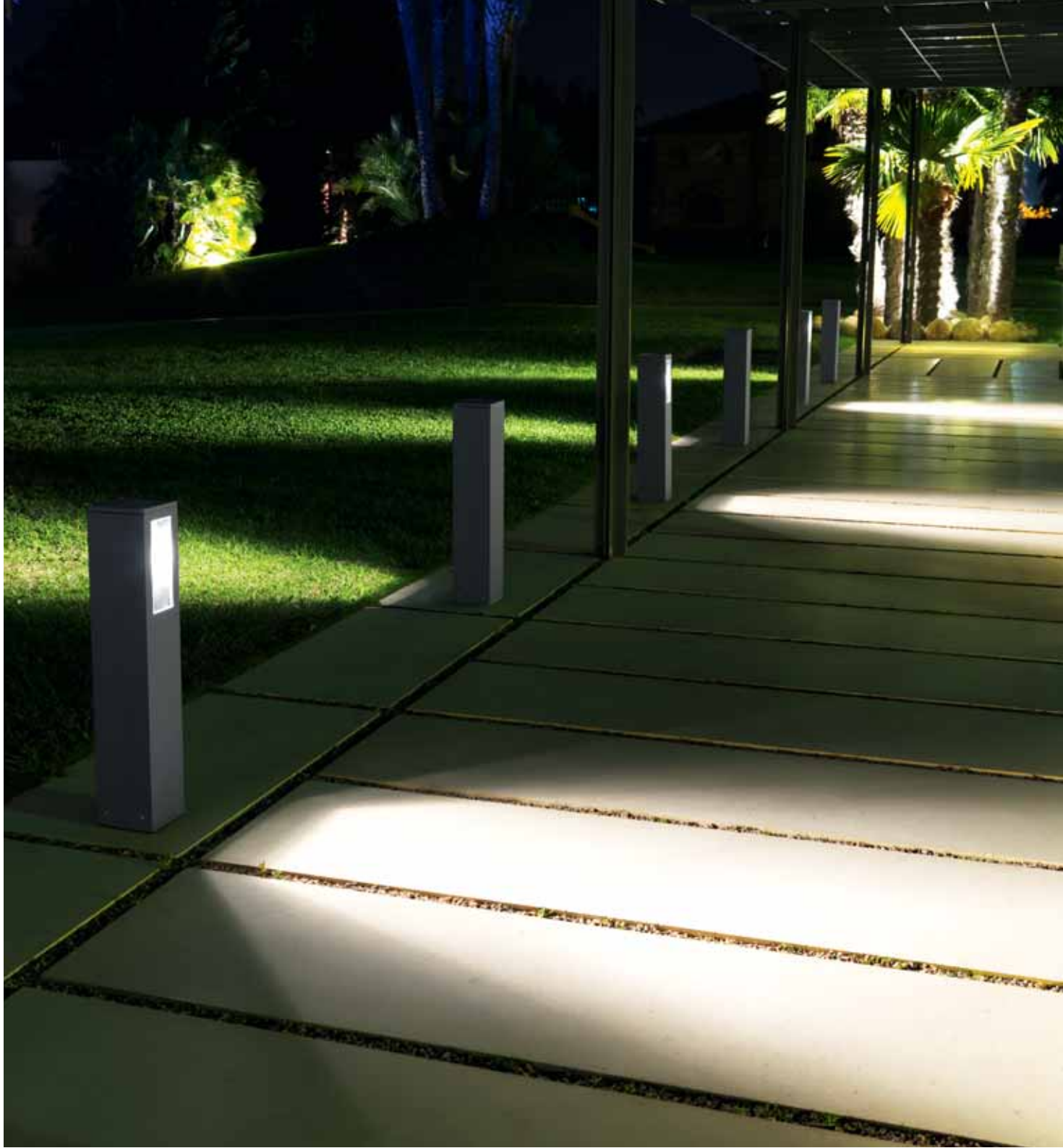
E-27 max. 60W / max. L=180mm
Halogen - Fluorescent

A++ C



E-27 13W





WAY

55-9682-Z5-37 ■

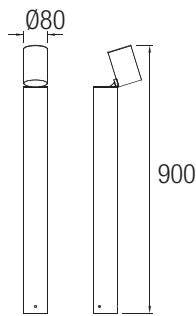
GU-10 max. 50W / max. L=80mm
Halogen - Fluorescent

A++ >>> C

Z5	AL EXTR	GLA DIF	⏚	IP 65	IK 08	RF 850°C	⏚ 0,5M
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↻ ±45°	⚙️	82	📦
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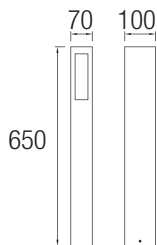




COSMOS NEW

55-9867-J6-CL

LED 7W 3000K 585lm **A++ >> A**



WAY

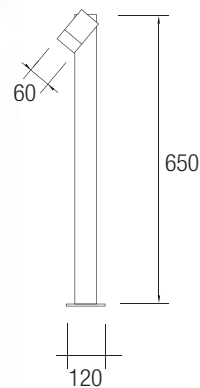
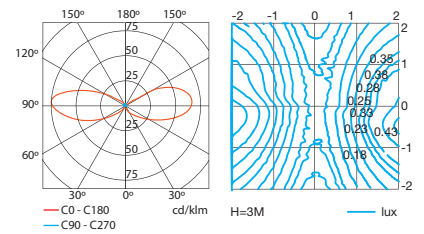
55-9759-Z5-T2

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent

A++ >>> C



E27 60W

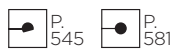


ICARO

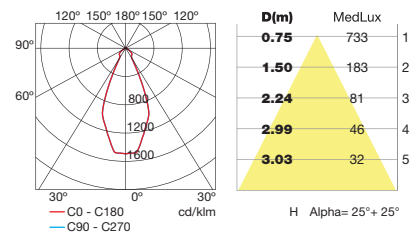
55-9190-34-37

2 x GU-10 max. 50W / max. L=75mm
Halogen - Fluorescent

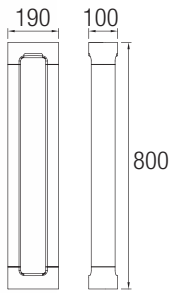
A++ >>> C



GU-10 50W







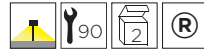
MÜLLER NEW

55-9557-Z5-CL

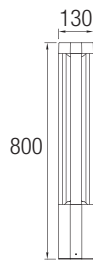
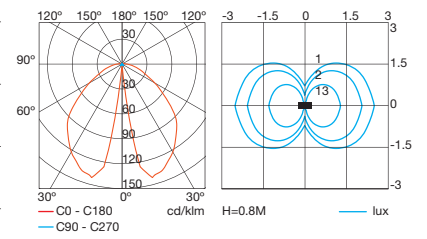
LED BRIDGELUX 8,7W 3000K 975lm **A++ >>> A**

Z5 AL EXTR PC MAT IP 54 IK 08

MEANWELL 100V 240V 50-60 Hz



LED 8,7W



HELION

55-9721-Z5-M1

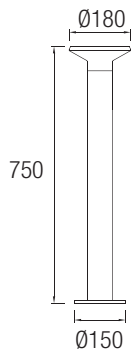
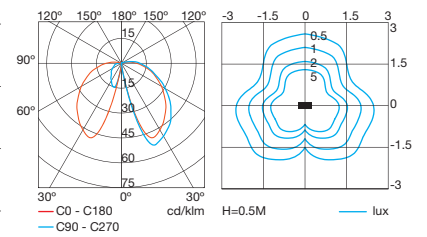
LED BRIDGELUX 6,7W 3000K 640lm **A++ >>> A**

Z5 AL INJ PC OPAL IP 54

EAGLE RISE 100V 240V 50-60 Hz



LED 6,7W



SPACE NEW

55-9872-Z5-CL

LED SHARP 7,5W 3000K 650lm **A++ >>> A**

Z5 AL PUR AL EXTR PC DIF IP 65

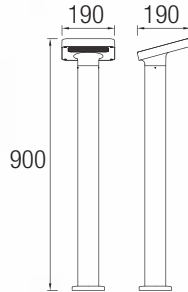
100V 240V 50-60 Hz







Delta'12 Awards
Silver

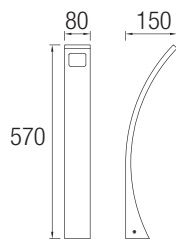
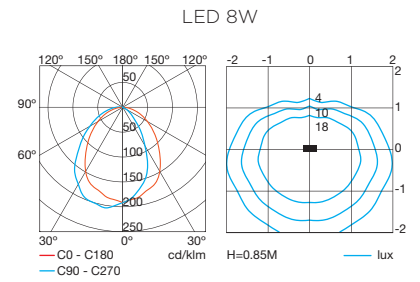


PILE NEW

55-9555-34-CL

8 LED CREE 8W 3000K 752lm A++ >>> A

34	AL PUR	PC MAT DIF	IP 54
EAGLE RISE	100V 240V	50-60 Hz	
97	2		

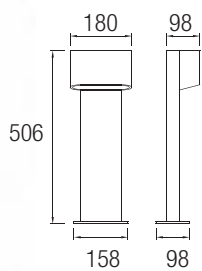
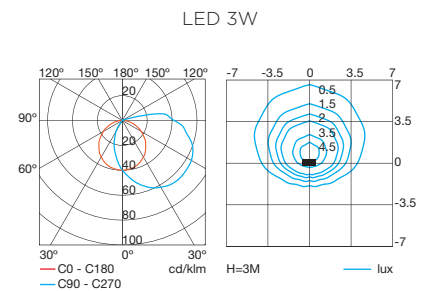


SHARPE

55-9602-34-M1

3 LED CREE 3W 4000K 321lm A++ >>> A

34	AL INJ	PC OPAL DIF	IP 44	RF 850°C
EAGLE RISE	100V 240V	50-60 Hz		
4				



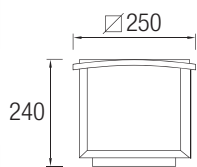
DIAGO NEW

55-9873-Z5-CL

LED SHARP 5W 3000K 335lm A++ >>> A

Z5	AL EXTRA	GLA DIF	IP 65
EAGLE RISE	100V 240V	50-60 Hz	
22	4		





MARK

10-9299-14-M1

PC OPAL

10-9299-Z5-M3

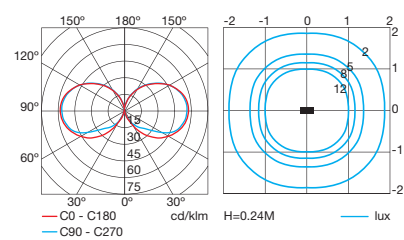
PC MAT

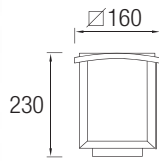
E-27 max. 100W / max. L=185mm
Halogen - Fluorescent

A++ >>> C



E-27 23W





MARK

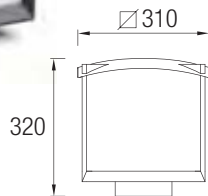
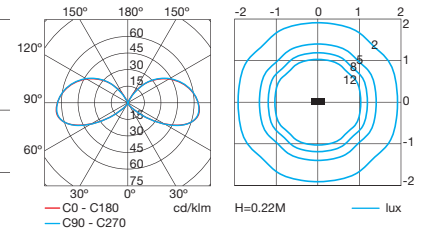
10-9298-Z5-M3

E-27 max. 100W / max. L=185mm
Halogen - Fluorescent

A++ C



E-27 18W



MARK

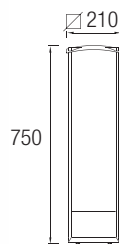
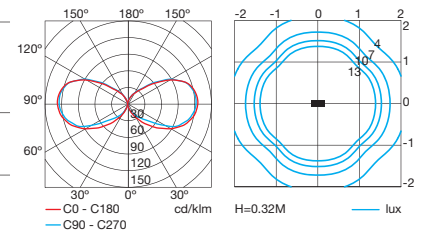
10-9390-Z5-M3

E-27 max. 100W / max. L=220mm
Halogen - Fluorescent

A++ C



E-27 30W



MARK

55-9390-14-M1

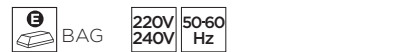
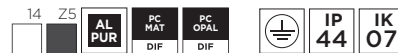
PC OPAL

55-9390-Z5-M3

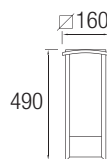
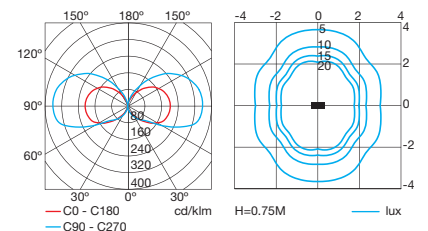
PC MAT

2G11 55W Fluorescent

A++ B



2G11 55W

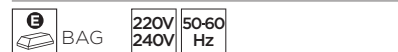


MARK

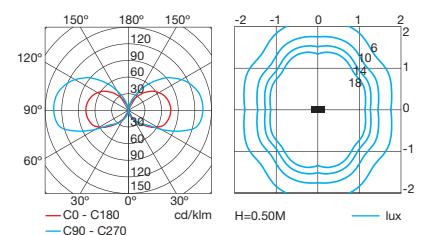
55-9298-Z5-M3

2G11 24W Fluorescent

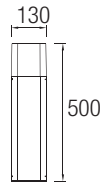
A++ B



2G11 24W





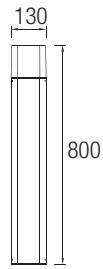
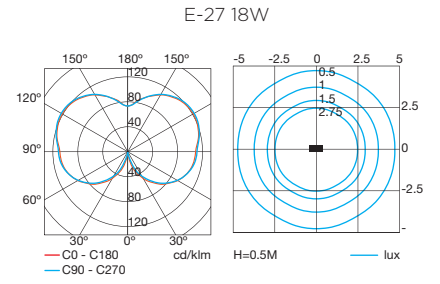
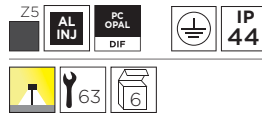


MANDELA

55-9605-Z5-M1 ■

E-27 max. 23W / max. L=150mm
Fluorescent

A++ C

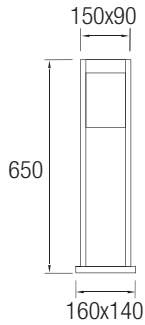
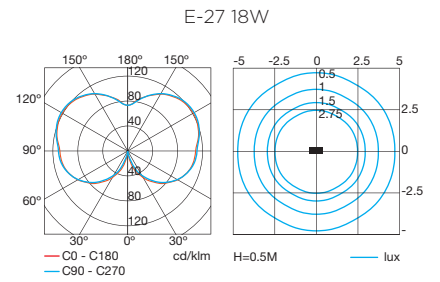
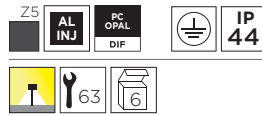


MANDELA

55-9606-Z5-M1 ■

E-27 max. 23W / max. L=150mm
Fluorescent

A++ C

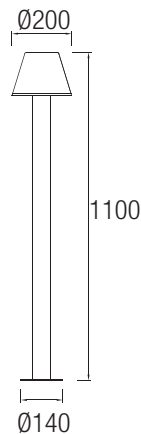
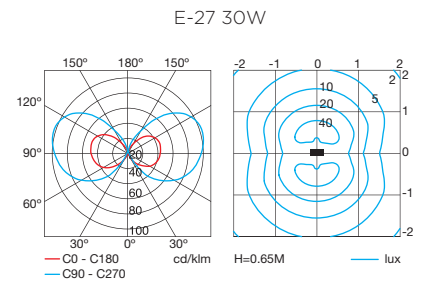
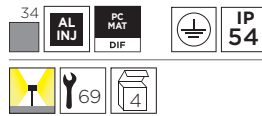


HEBE

55-9238-34-M3 ■

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent

A++ C

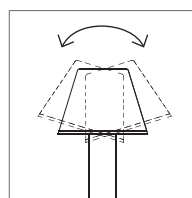
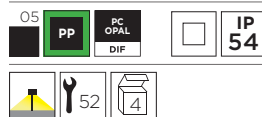


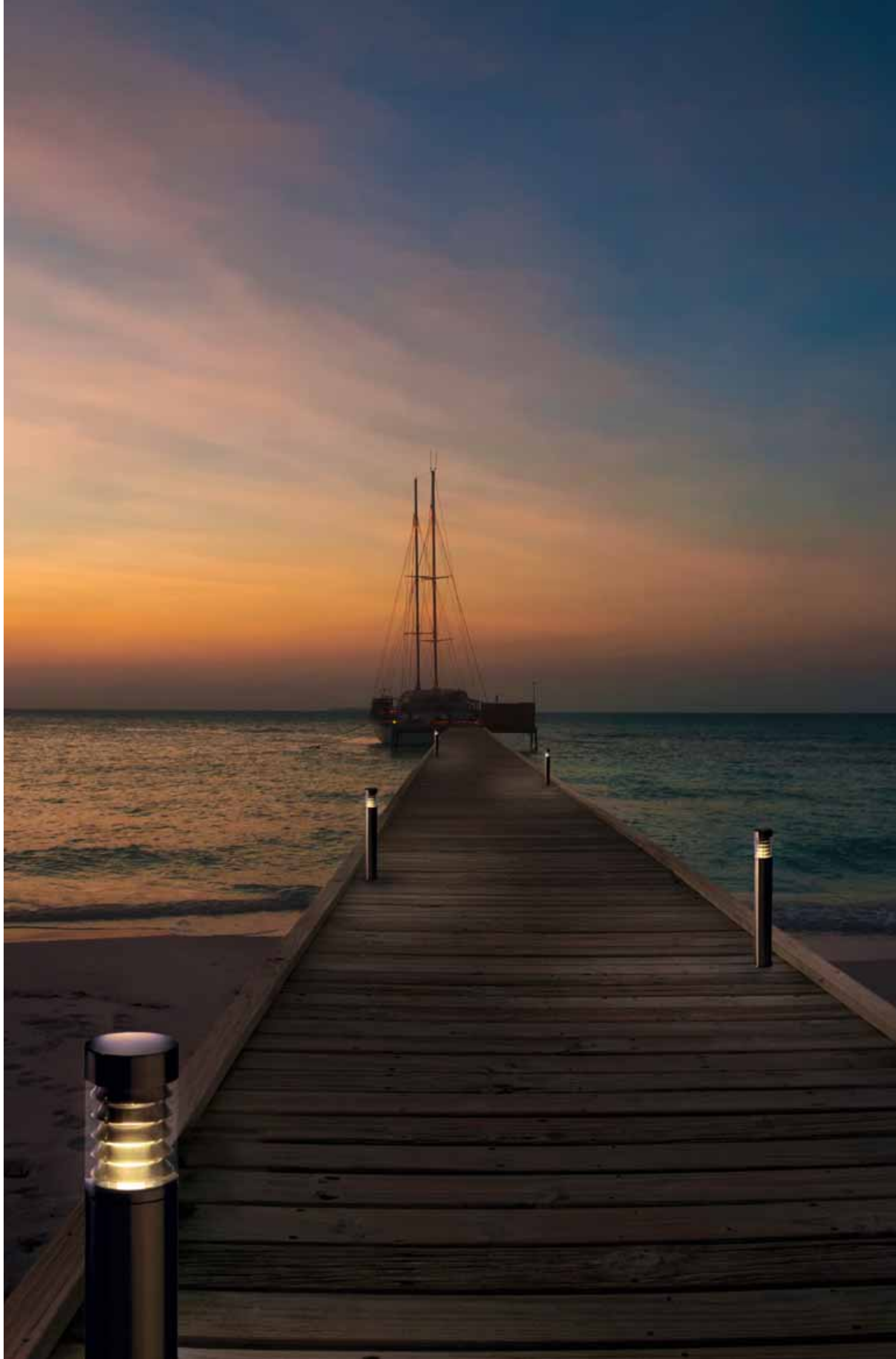
SMILE NEW

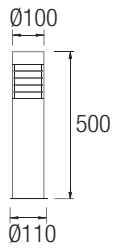
55-9848-05-M1 ■

E-27 max. 18W / max. L=140mm Ø=49mm
Fluorescent

A++ C







PRIAP

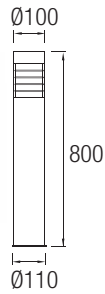
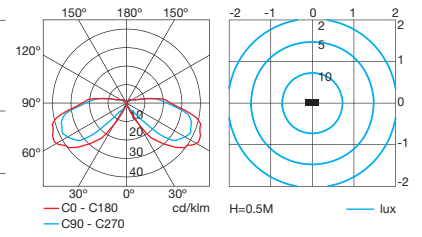
55-9239-CA-M2

E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent

A++ C



E-27 23W



PRIAP

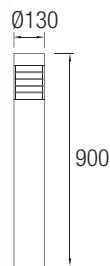
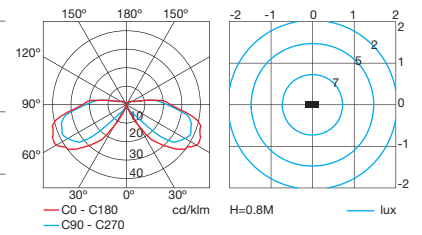
55-9440-CA-M2

E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent

A++ C



E-27 23W



PRIAP

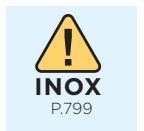
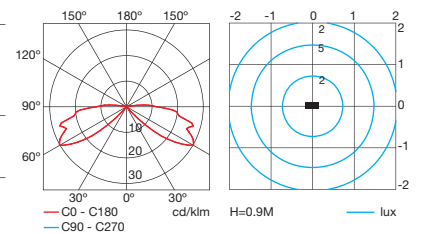
55-9317-Y4-M2

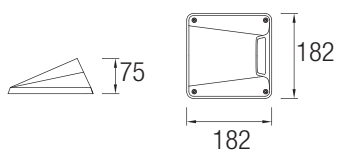
E-27 max. 23W / max. L=152mm Ø=50mm
Fluorescent

A++ C



E-27 23W





REXEL

55-9741-Z5-37

4 LED CREE 4,3W 3000K 304lm **A++ > A**

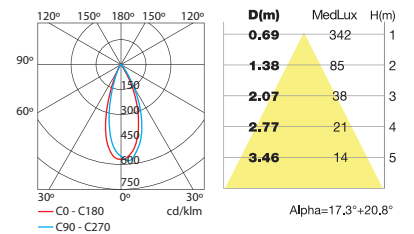
Z5 AL PUR GLA TRAN DIF IP 65 IP 67 IK 06

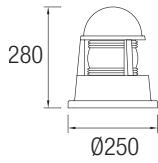
SELF 100V 240V 50-60 Hz

15° 45° 10 8 R



LED 4,3W

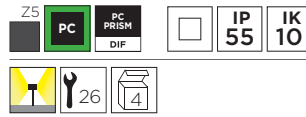




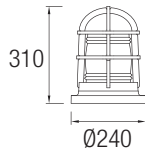
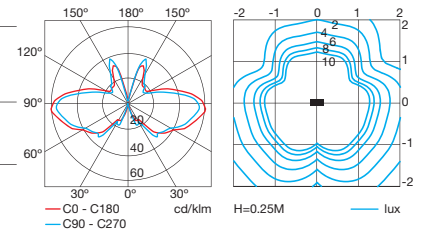
ODIN

10-9645-Z5-M2 ■

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent **A++>>>C**



E-27 23W



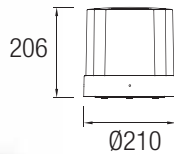
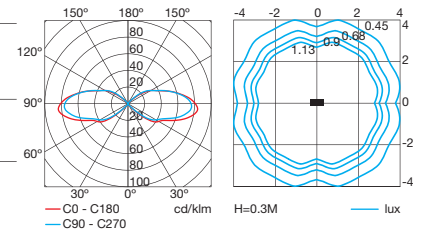
MARINER

10-9475-Z5-M2 ■

E-27 max. 60W / max. L=180mm
Halogen - Fluorescent **A++>>>C**



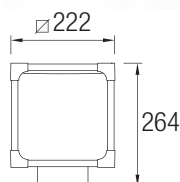
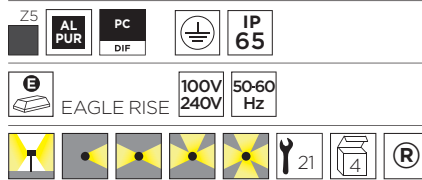
E-27 23W



COMPACT NEW

10-9847-Z5-CL ■

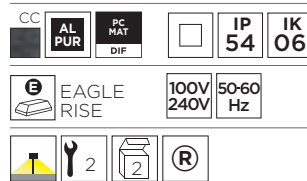
32 LED 16,8W 3000K 180lm **A++>>A**



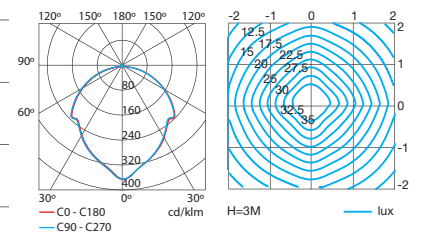
VINTAGE

10-9774-CC-CD ■

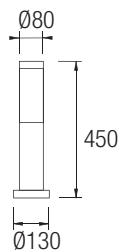
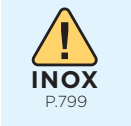
192 LED 13,5W 3000K 1209lm **A++>>A**



LED 13,5W





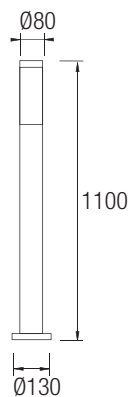


ELECTRA

10-8790-Y4-M1

E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent

A++ >>> C

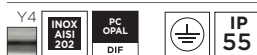


ELECTRA

55-8790-Y4-M1

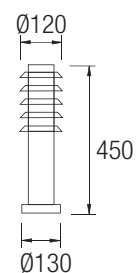
E-27 max. 23W / max. L=167mm Ø=55mm
Fluorescent

A++ >>> C



55-8791-Y4-Y4

Kit reflector / Reflector kit / Kit réflecteur / Reflektor-Kit / Kit riflettore /
Kit refletor / Комплект отражателей / Zestaw odbłyśnika / **10-8790,**
55-8790

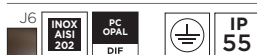


ELECTRA

10-9333-J6-M1

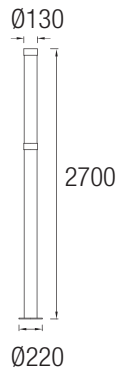
E-27 max. 23W / max. L=167mm Ø=51mm
Fluorescent

A++ >>> C





STREET LIGHTS

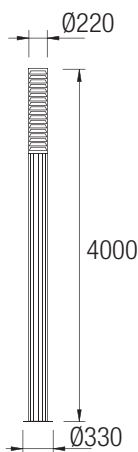


LYON NEW

55-9809-34-CL ■ 3000K 4572lm

55-9809-34-CM ■ 4000K 5080lm

768 LED 48W **A++ >> A**



TEMIS

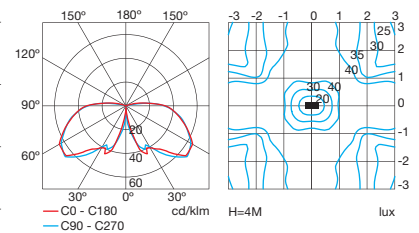
60-9294-34-M2^(S) ■

2 x E-40 150W HID (HPS-MH) **A+ >> A**



2 x E-40 150W

60-9294+55-9293



TEMIS

55-9293-34-34^(S) ■



60-9294
+
55-9293



Reflectores anticontaminación lumínica.
Anti light pollution reflectors.
Réflecteurs anti-pollution lumineuse.
Reflektore für eine umweltfreundliche Beleuchtung
Riflettori anti-contaminazione luminica.
Reflectores que evitam a poluição luminosa.
Отражатели для предотвращения светового загрязнения
Odbłyśniki zapobiegające zjawisku "light pollution"



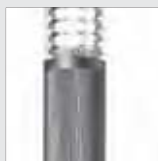
Superficie estriada para evitar el pegado de adhesivos.
Slotted surface to prevent sticking of adhesives.
Surface striée pour éviter le collage d'adhésifs.
Gestreckte Oberflächen, um das Ankleben von Adhäsivmaterial zu vermeiden
Superficie striata per evitare l'attacco degli adesivi.
Superficie estriada para evitar a colagem de adesivos.
Рифленая поверхность для предотвращения размещения наклеек.
Powierzchnia szczelinowana uniemożliwiająca przyklejanie



Kit de instalación incluido.
Installation kit included.
Kit d'installation compris.
Einbaupkit inklusive.
Kit installazione incluso.
Kit de instalação incluso.
Prilagaється набір для установки
Zestaw montażowy w komplecie



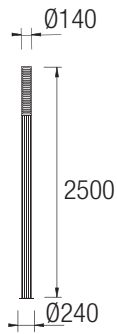
Reflectores anticontaminación luminica.
 Anti light pollution reflectors.
 Réflecteurs anti-pollution lumineuse.
 Reflektore für eine umweltfreundliche Beleuchtung
 Riflettori anti-contaminazione luminica.
 Reflectores que evitam a poluição luminosa.
 Отражатели для предотвращения светового загрязнения
 Odbyśniki zapobiegające zjawisku "light pollution"



Superficie estriada para evitar el pegado de adhesivos.
 Slotted surface to prevent sticking of adhesives.
 Surface striée pour éviter le collage d'adhésifs.
 Gestreckte Oberflächen, um das Ankleben von Adhäsivmaterial zu vermeiden
 Superficie striata per evitare l'attacco degli adesivi.
 Superficie estriada para evitar a colagem de adesivos.
 Рифленая поверхность для предотвращения размещения наклеек.
 Powierzchnia szczelinowana uniemożliwiająca przyklejanie



Kit de instalación incluido.
 Installation kit included.
 Kit d'installation compris.
 Einbaukit inklusive.
 Kit installazione incluso.
 Kit de instalação incluido.
 Прилагается набор для установки
 Zestaw montażowy w komplecie

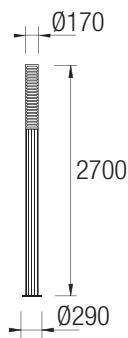
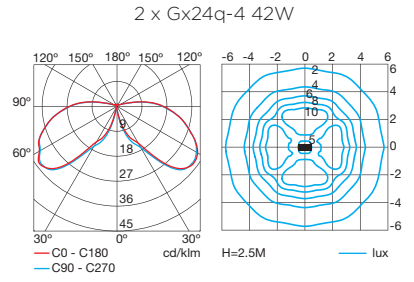


TEMIS

55-9431-34-M2

2 x Gx24q3/q4 26-32-42W **A++ B**

34	AL EXTR	PC TRAN DIF	IP 65	IK 08
E	BAG	220V 240V	50-60 Hz	
Light fixture icon	Wrench icon 95	Box icon	Registered trademark icon	
P. 571	P. 621			

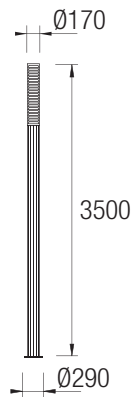
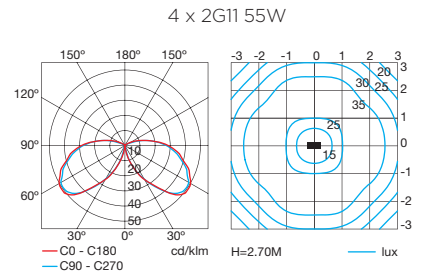


TEMIS

55-9268-34-M2

4 x 2G11 55W **A++ B**

34	AL EXTR	PC TRAN DIF	IP 65	IK 08
E	OSRAM	220V 240V	50-60 Hz	
Light fixture icon	Wrench icon 67	Box icon	Registered trademark icon	
P. 571	P. 621			

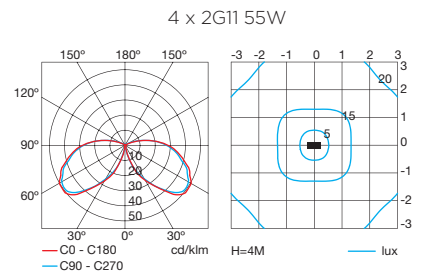


TEMIS

55-9269-34-M2

4 x 2G11 55W **A++ B**

34	AL EXTR	PC TRAN DIF	IP 65	IK 08
E	OSRAM	220V 240V	50-60 Hz	
Light fixture icon	Wrench icon 67	Box icon	Registered trademark icon	
P. 571	P. 621			

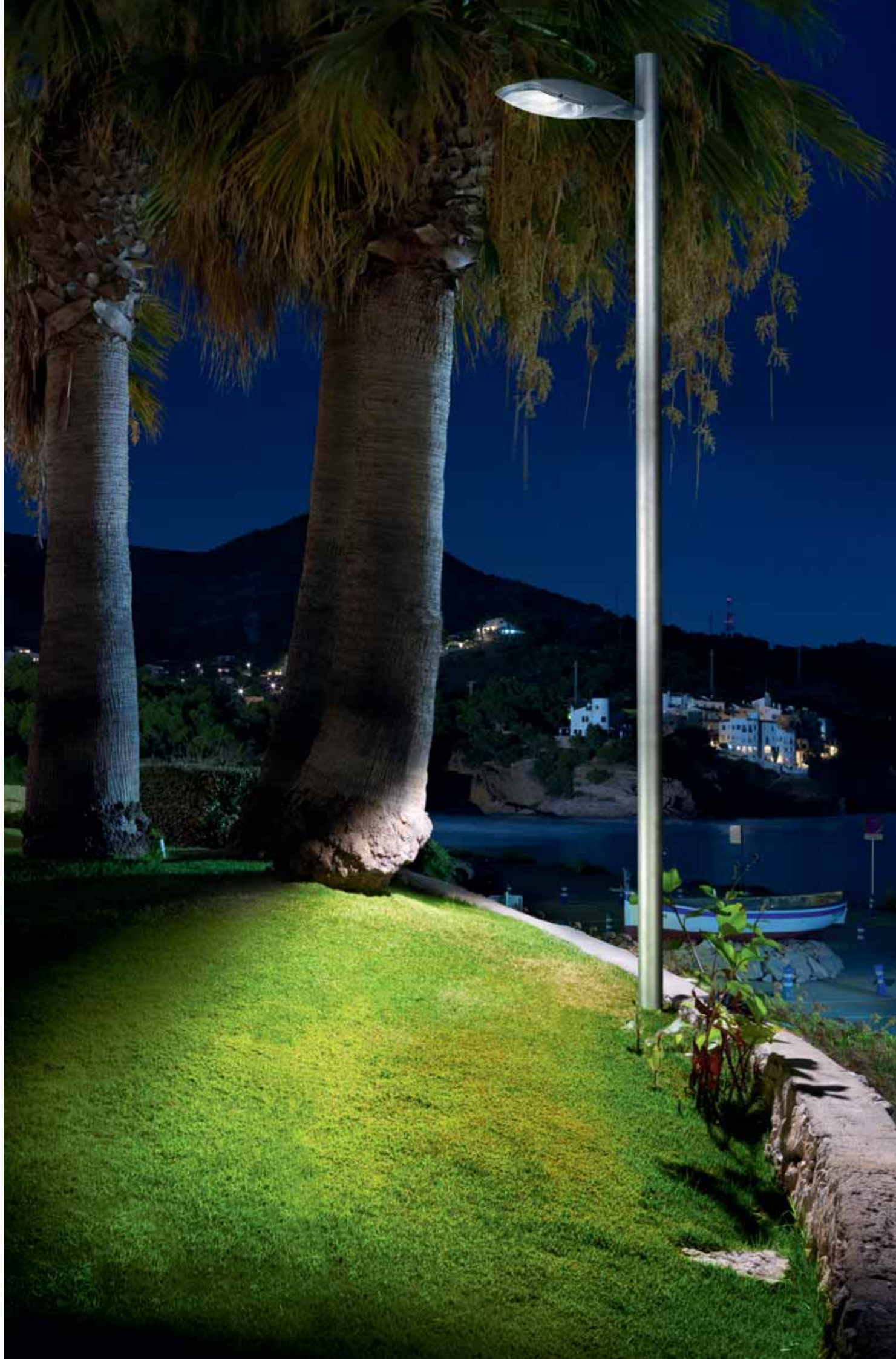


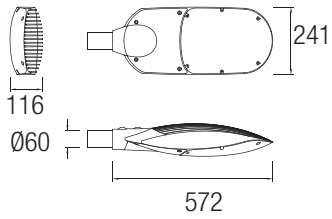
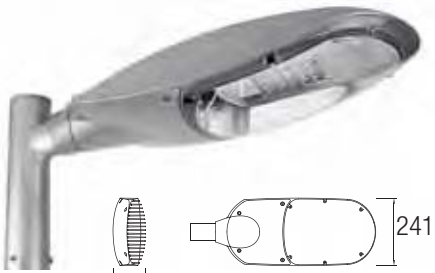
TEMIS

71-9514-52-52

Reflector direccional para / Directional reflector for / Réflecteur directionnel pour / Reflektor für / Riflettore direzionale per / Refletor direccional para / Направленный отражатель для / Odbłyśnik kierunkowy dla / **55-9268, 55-9269**

52	AL PUR	180°	Box icon
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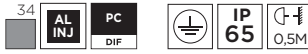




GLAVA NEW

60-9842-34-CM

24 LG LED 55,5W 4000K 6468lm A++>>A



71-4554-AV-AV
(URBAN)

POMPEYA

71-9291-34-34

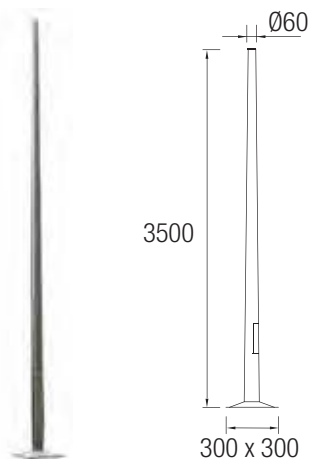
Soporte para instalación en poste de diámetro 60mm para usar con los cabezales Pompeya: / Supporting bracket for use with 60mm diameter post installation. To be used with Pompeya heads: / Support à installer sur un mât de 60 mm de diamètre à utiliser avec les têtes Pompeya: / Halterung an Masten mit 60 mm Durchmesser zur Verwendung mit den Köpfen Pompeya: / Supporto per installazione su palo di diametro 60mm da utilizzare con testata Pompeya: / Suporte para instalação em poste com diâmetro de 60 mm para usar com as cabeças Pompeya: / Крепление для установки на столбе диаметром 60 мм для использования головок Помпея: / Wspornik dla instalacji na słupku o średnicy 60mm do użycia z głowicami Pompeya: / **05-9251, 05-9537, 05-9538, 05-9539, 05-9254**



POMPEYA

71-9292-34-34

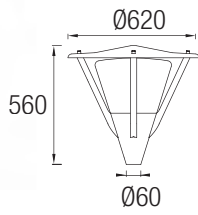
Soporte para instalación en poste de diámetro 60mm para usar con los cabezales Pompeya: / Supporting bracket for use with 60mm diameter post installation. To be used with Pompeya heads: / Support à installer sur un mât de 60 mm de diamètre à utiliser avec les têtes Pompeya: / Halterung an Masten mit 60 mm Durchmesser zur Verwendung mit den Köpfen Pompeya: / Supporto per installazione su palo di diametro 60mm da utilizzare con testata Pompeya: / Suporte para instalação em poste com diâmetro de 60 mm para usar com as cabeças Pompeya: / Крепление для установки на столбе диаметром 60 мм для использования головок Помпея: / Wspornik dla instalacji na słupku o średnicy 60mm do użycia z głowicami Pompeya: / **05-9538, 05-9539, 05-9254**



55-9305-48-48





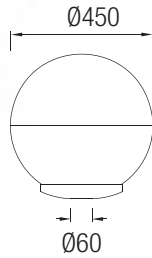
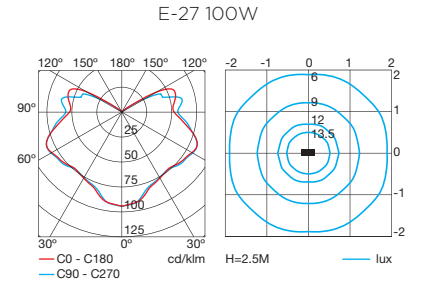
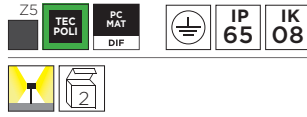


HEADS

60-9376-Z5-M3 ■

E-27 max. 150W
Halogen - Fluorescent

A++ > C

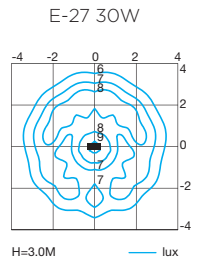
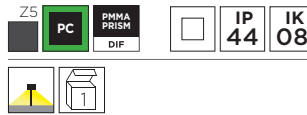


HEADS

60-9482-Z5-M2 ■

E-27 max. 100W
Halogen - Fluorescent

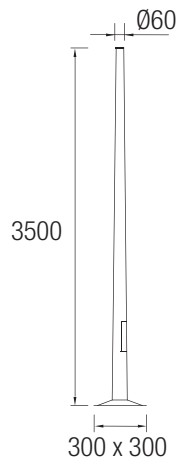
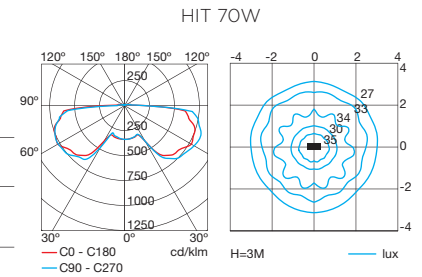
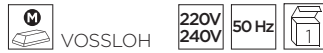
A++ > C



HEADS

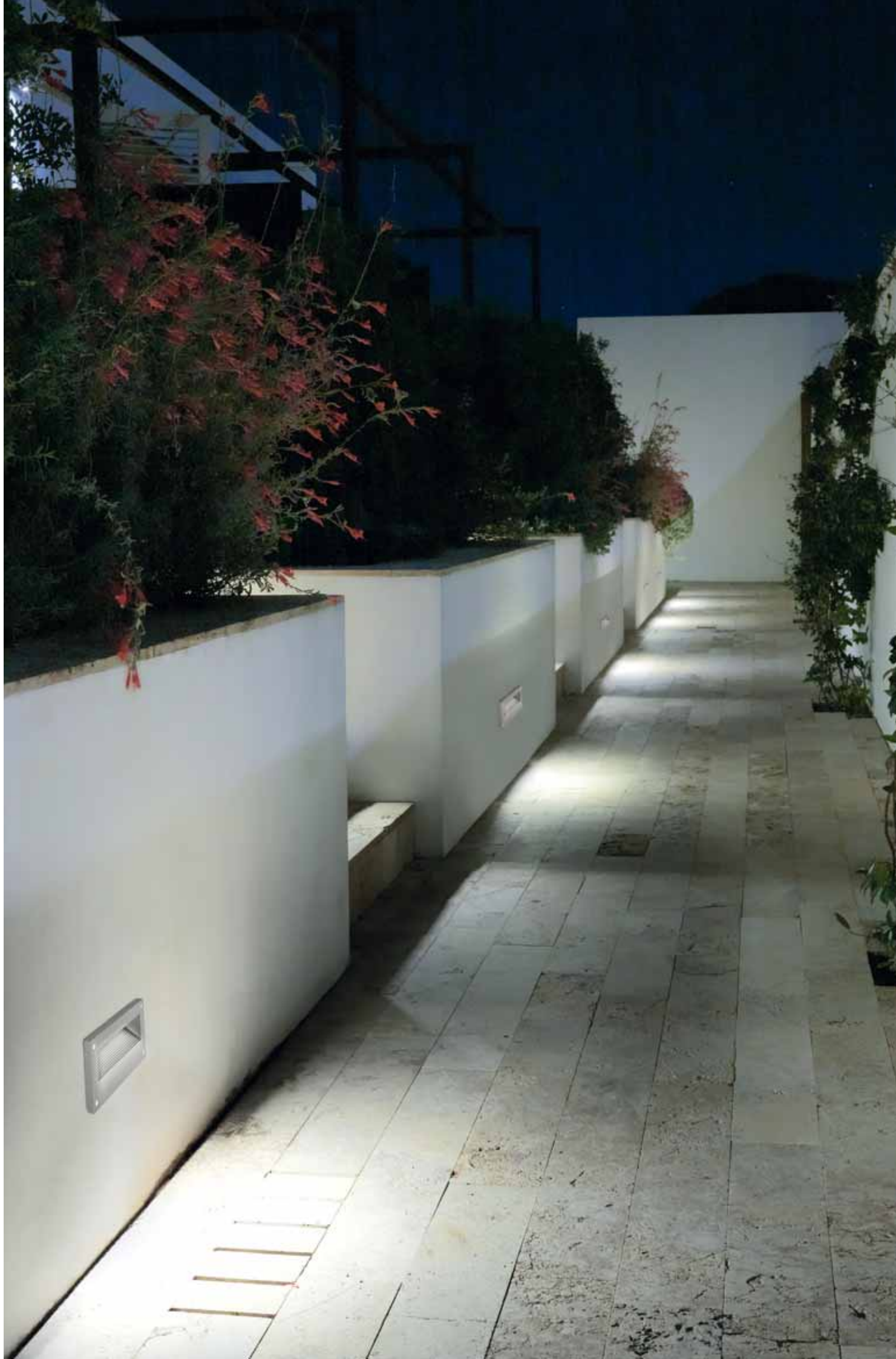
71-9508-00-00

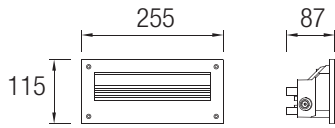
E-27 70W HID (HPS-MH) A+ > A



55-9305-48-48 ■







MICENAS NEW

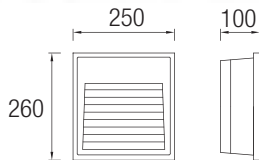
05-9832-34-CM

05-9832-Z5-CM

15 LED 5,5W 4000K 648lm **A++>>>A**

34	Z5	AL PUR	GLA MAT DIF	IP 65	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz		
		FILTER 3000K INCLUDED	99	8	R

RECESSED



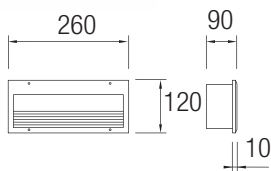
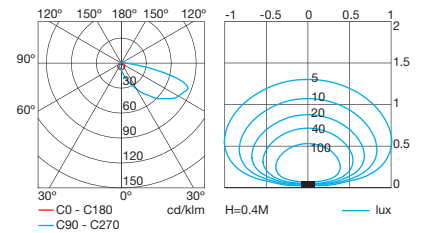
MICENAS

05-9434-34-T2

G24d-3 26W Fluorescent **A++>>B**

34	AL INJ	GLA MAT DIF	IP 54	IK 04	RF 850°C
M	BAG	230V	50 Hz		
		INCLUDED	13	2	

G24 d-3 26W



MICENAS

05-9179-14-B8

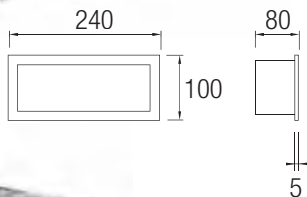
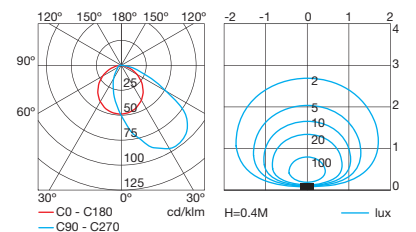
05-9179-34-B8

05-9179-Z5-B8

G24d-3 26W Fluorescent **A++>>>B**

14	34	Z5	AL INJ	GLA MAT DIF	IP 44	IK 06	RF 850°C
M	BAG / VOSSLOH		230V	50 Hz			
			INCLUDED	6	18		

G24d-3 26W



HERCULES

05-8961-05-B8

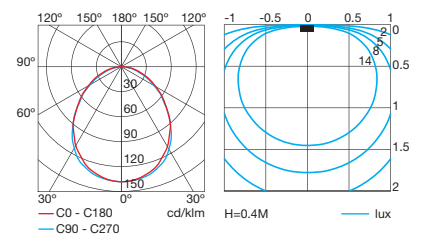
05-8961-14-B8

05-8961-34-B8

E-27 max. 60W / max. L=145mm Ø=45mm
Halogen - Fluorescent **A++>>>C**

05	14	34	AL INJ	GLA MAT DIF	IP 44	IK 08	RF 850°C
			INCLUDED	1	18		

E-27 20W



FLUORESCENT KIT

71-8969-00-00

G24d-1 13W Fluorescent **A++>>>B**

M	220V 240V	50 Hz	4
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Fluorescent kit for 05-8961



LED KIT

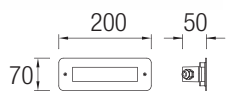
71-9713-00-00 4000K 432lm

71-9714-00-00 3000K 382lm

54 LED 3,5W **A++>>>A**

E	EAGLE RISE	100V 240V	50-60 Hz
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LED kit for 05-8961

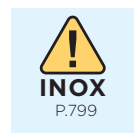


52 x 160

GEA **NEW**

05-9799-CA-CM

16 LED 2,2W 4000K 291lm



GEA NEW

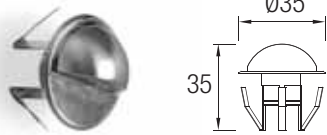
55-9864-Y4-CL

2 LED 1W 3000K 20lm **A++ >>> A**

Y4 **INOX AISI 304** **GLA DIF** **IP 67**

71-9846 **12 VDC**

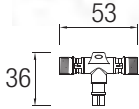
1m + 1m **51**



71-9844-05-05 NEW

(5u)

IP 67



71-9845-05-05 NEW

(5u)

IP 67 **2m**



71-9846-05-05 NEW

max. 30W

IP 23 **90 264V** **50-60 Hz**

1,7 m + 0,5 m



MICENAS

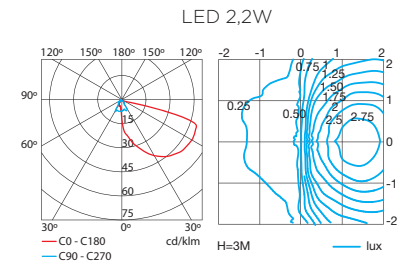
05-9757-Y4-37

LED CREE 2,2W 3000K 162lm **A++ >>> A**

Y4 **INOX AISI 304** **GLA TRAN DIF** **IP 65** **IK 10** **RF 850°C**

100V 240V **50-60 Hz**

INCLUDED **47**



HERCULES

05-9211-CA-T2

INOX AISI 316

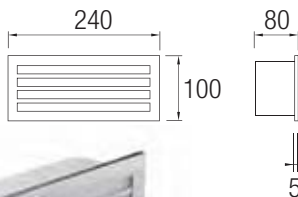
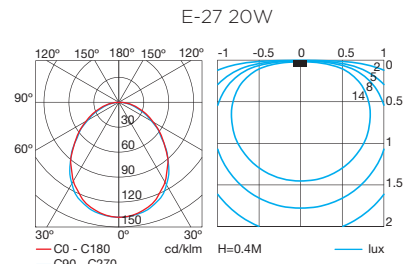
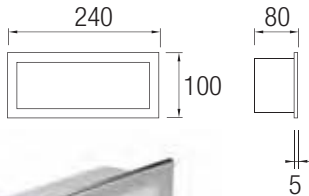
05-9211-Y4-T2

INOX AISI 202

E-27 max. 60W / max. 145mm Ø=45mm
Halogen - Fluorescent **A++ >>> C**

CA Y4 **INOX AISI 316** **INOX AISI 202** **GLA MAT DIF** **IP 44** **IK 08** **RF 850°C**

INCLUDED **1**



HERCULES

05-9212-CA-T2

INOX AISI 316

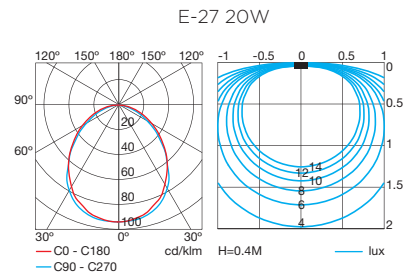
05-9212-Y4-T2

INOX AISI 202

E-27 max. 60W / max. L=145mm Ø=45mm
Halogen - Fluorescent **A++ >>> C**

CA Y4 **INOX AISI 316** **INOX AISI 202** **GLA MAT DIF** **IP 44** **IK 08** **RF 850°C**

INCLUDED **1**



FLUORESCENT KIT

71-8969-00-00

G24d-1 13W Fluorescent **A++ >>> B**

220V 240V **50 Hz**



Fluorescent kit for **05-9211 / 05-9212**

LED KIT

71-9713-00-00

4000K 432lm

71-9714-00-00

3000K 382lm

54 LED 3,5W **A++ >>> A**

IP 23

EAGLE RISE **100V 240V** **50-60 Hz**

LED kit for **05-9211 / 05-9212**





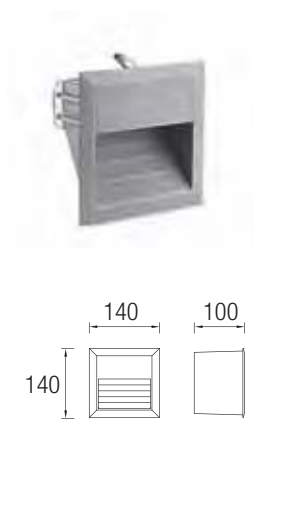
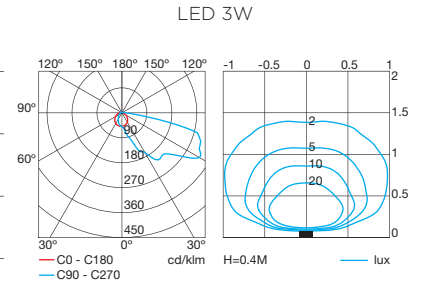


MICENAS

05-9772-34-M2

27 LED 3W 4000K 297lm **A++ >>> A**

34	AL INJ	PC TRAN DIF	IP 65	IK 10	RF 850°C
E	220V 240V	50-60 Hz			
	FILTER 3000K	INCLUDED	8	4	

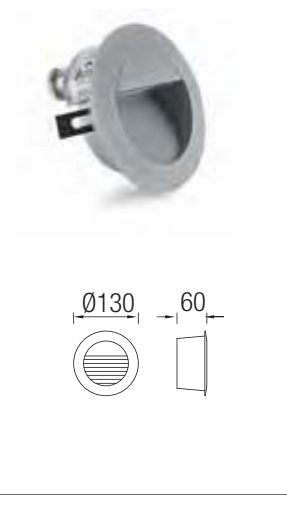
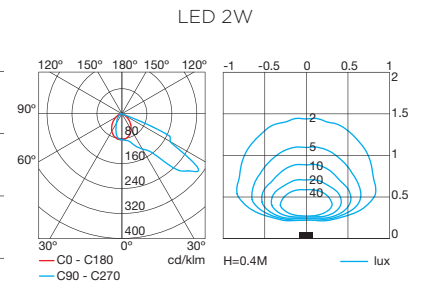


MICENAS

05-9770-34-M2

18 LED 2W 4000K 198lm **A++ >>> A**

34	AL INJ	PC TRAN DIF	IP 65	IK 10	RF 850°C
E	220V 240V	50-60 Hz			
	FILTER 3000K	INCLUDED	5	20	

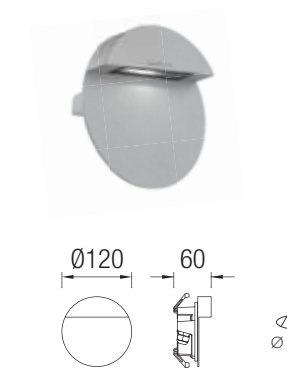
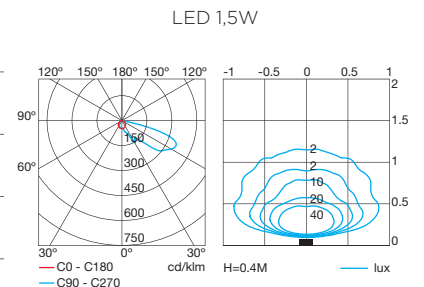


MICENAS

05-9771-34-M2

14 LED 1,5W 4000K 154lm **A++ >>> A**

34	AL INJ	PC TRAN DIF	IP 65	IK 10	RF 850°C
E	220V 240V	50-60 Hz			
	FILTER 3000K	INCLUDED	4	40	

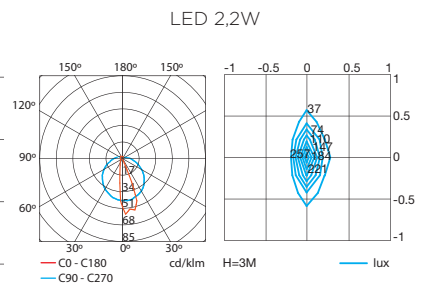


MICENAS

05-9705-34-37

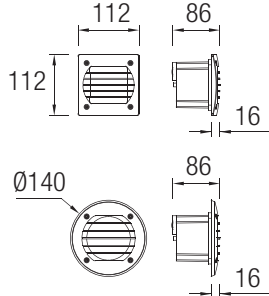
LED CREE 2,2W 4000K 184lm **A++ >>> A**

34	AL INJ	GLA TRAN DIF	IP 65	IK 08	RF 850°C
E	EAGLE RISE	100V 240V	50-60 Hz		
	INCLUDED	25	8	®	



OUTDOOR | RECESSED



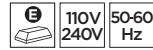


BASIC NEW

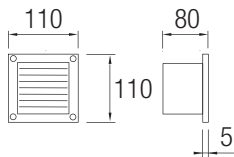
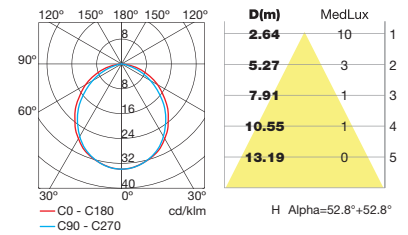
05-9833-05-CL ■ 3000K 142lm

05-9833-05-CM ■ 4000K 160lm

20 LED 1,5W **A++>>>A**



LED 1,5W 4000K



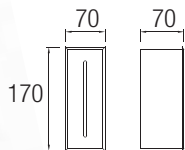
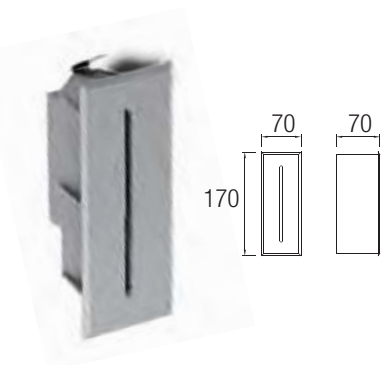
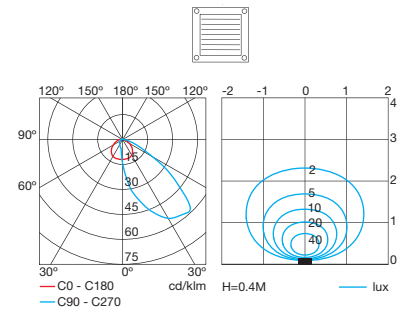
MICENAS

05-9182-34-B8 ■

G9 max. 40W **A++>>>C**



G9 40W

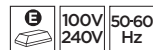


MICENAS

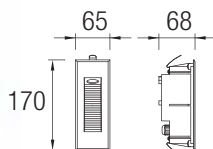
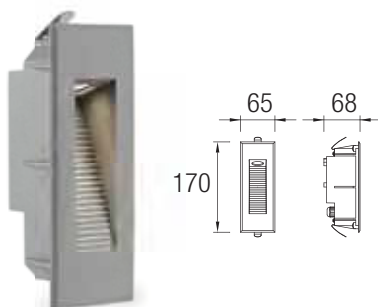
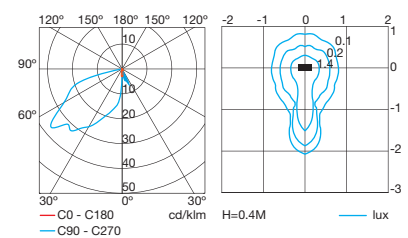
05-9596-34-CL ■ 3000K 162lm NEW

05-9596-34-37 ■ 4000K 184lm

LED CREE 2,2W **A++>>>A**



LED 2,2W 4000K



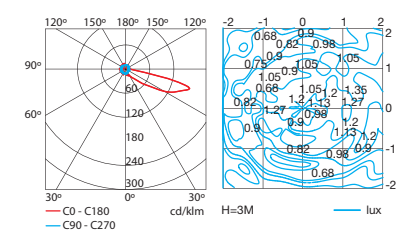
MICENAS

05-9758-34-37 ■

LED CREE 2,2W 3000K 162lm **A++>>>A**

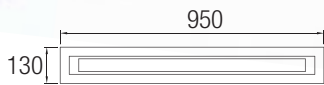


LED 2,2W





BARCELÓ HOTEL, SANTO DOMINGO.



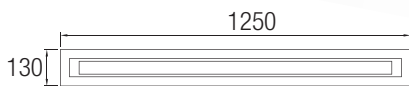
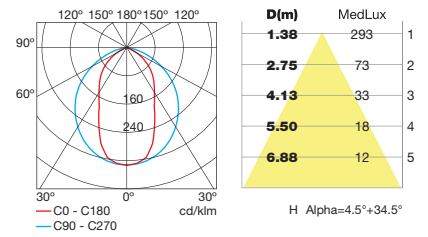
GEA

15-9562-34-37

T5 39W Fluorescent **A++ >>> B**

34	AL EXTR	GLA HARD DIF	IP 54	IK 07	RF 850°C
E	BAG	220V 240V	50-60 Hz		
±15°	Light icon	Wrench icon	45	2	R

T5 39W



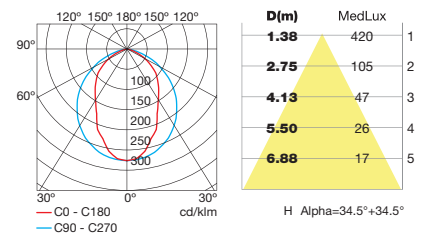
GEA

15-9563-34-37

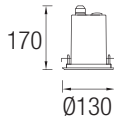
T5 54W Fluorescent **A++ >>> B**

34	AL EXTR	GLA HARD DIF	IP 54	IK 07	RF 850°C
E	BAG	220V 240V	50-60 Hz		
±15°	Light icon	Wrench icon	48	2	R

T5 54W



OUTDOOR | RECESSED



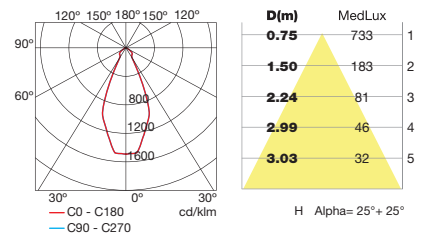
GEA

15-9708-Y4-37

GU-10 / GU5.3 max. 50W / L=65mm
Halogen - Fluorescent

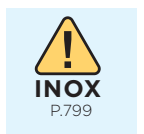
A++ >>> C	Y4	INOX AISI 304	TEC POLI	GLA TRAN DIF	IP 65	IK 08	RF 850°C	0,5M
Light icon	Wrench icon	Hand icon	37	4				
GU5.3 + GU10								

GU-10 50W



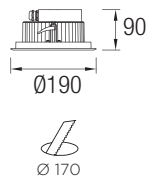
71-9448-CA-CA

CA	INOX AISI 316	Hand icon	20
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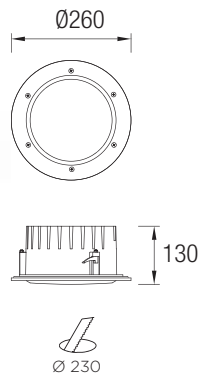
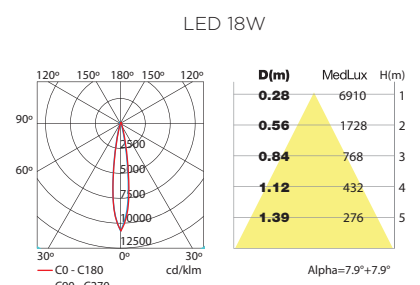
MCDONALD'S SABADELL, SPAIN.



GEA 15-9665-CA-37

9 LED PHILIPS 18W 4000K 1701lm **A++>>A**

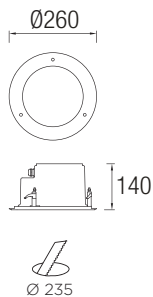
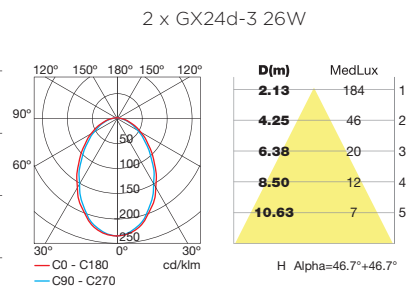
CA	INOX AISI 316	GLA DIF	IP 66	IK 10	RF 850°C
EAGLE RISE	220V 240V	50-60 Hz			
±15°	25°	DIFFUSER FILTER	79	R	2



GEA 15-9659-M3-CD

2 x GX24d-3 26W **A++>>B**

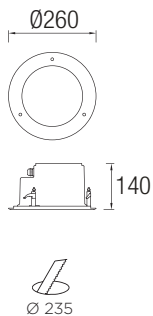
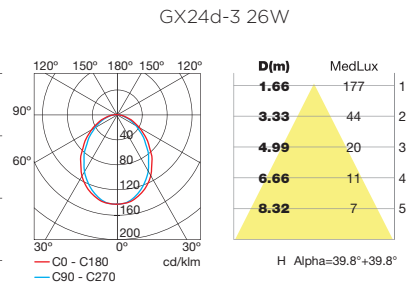
M3	PC	IP 44	IK 10	RF 850°C
BAG	220V 240V	50 Hz		
	54	4	R	



GEA 15-9391-Y4-B8

GX24d-3 26W **A++>>B**

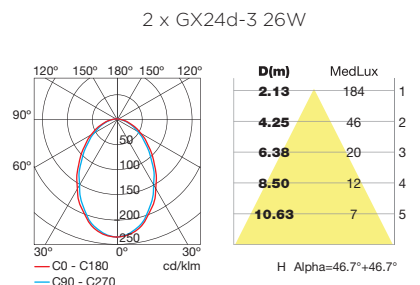
Y4	INOX AISI 304	AL INJ	GLA MAT DIF	IP 66	IK 08	RF 850°C
BAG	230V	50 Hz				
	38	4				



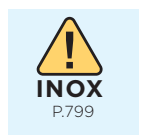
GEA 15-9392-Y4-B8

2 x GX24d-3 26W **A++>>B**

Y4	INOX AISI 304	AL INJ	GLA MAT DIF	IP 66	IK 08	RF 850°C
BAG	230V	50 Hz				
	38	4				



Caja para empotrar en techo de hormigón: página 790
 Built-in concrete ceiling box: page 790
 Boîtier à encastrer dans un plafond en béton: page 790
 Gehäuse zum Einbau in Betondecke: Seite 790
 Scatola per incasso a soffitto in cemento: pagina 790
 Caixa para encastrar em tetos de betão: página 790
 Встраиваемая в цементный потолок коробка 790
 Skrzynka do wbudowania w betonowy sufit: strona 790



OUTDOOR | RECESSED



CROWNE PLAZA HOTEL. LIÈGE, BELGIUM.



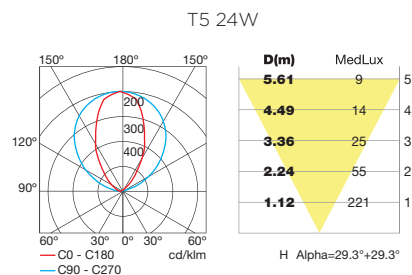
GEA
55-9264-Y4-37

T5 24W Fluorescent <40°C A++ B

Y4 INOX AISI 304 GLA HARD UVA GLA DIF DIF IP 67 IK 08 RF 850°C 0,2M

BAG 220V 240V 50-60 Hz

±15° INCLUDED 2000kg 59 2



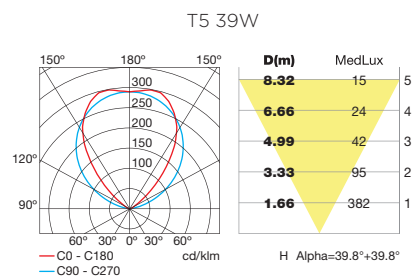
GEA
55-9265-Y4-37

T5 39W Fluorescent <40°C A++ B

Y4 INOX AISI 304 GLA HARD UVA GLA DIF DIF IP 67 IK 08 RF 850°C 0,2M

BAG 220V 240V 50-60 Hz

±15° INCLUDED 2000kg 60 2



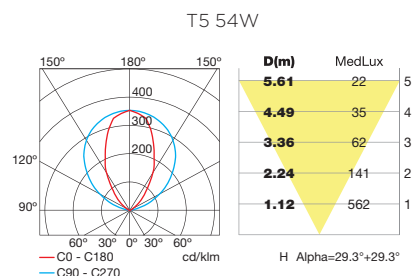
GEA
55-9266-Y4-37

T5 54W Fluorescent <40°C A++ B

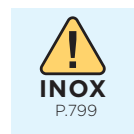
Y4 INOX AISI 304 GLA HARD UVA GLA DIF DIF IP 67 IK 08 RF 850°C 0,2M

BAG 220V 240V 50-60 Hz

±15° INCLUDED 2000kg 66 2



OUTDOOR | RECESSED





GEA NEW

55-9523-Y4-CL ■ 3000K 1128lm

55-9523-Y4-CM ■ 4000K 1284lm

12 LED CREE 13,5W <40°C **A++** >> **A**

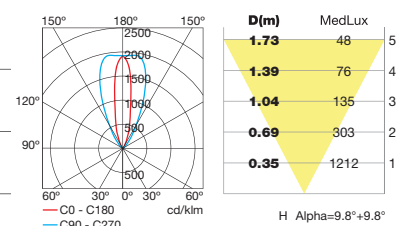
Y4 ■ INOX AISI 304 ■ GLA HARD DIF ■ UVA GLA DIF ■ IP 67 ■ IK 08 ■ RF 850°C

MEANWELL 100V 240V 50-60 Hz

±15° ■ 19x48° ■ INCLUDED ■ 2000Kg. ■ 59

2 ■ R

LED 4000K 13,5W



GEA NEW

55-9527-Y4-CL ■ 3000K 2256lm

55-9527-Y4-CM ■ 4000K 2568lm

24 LED CREE 27W <40°C **A++** >> **A**

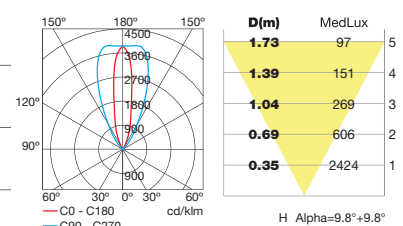
Y4 ■ INOX AISI 304 ■ GLA HARD DIF ■ UVA GLA DIF ■ IP 67 ■ IK 08 ■ RF 850°C

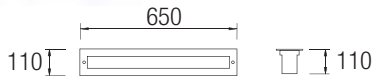
MEANWELL 100V 240V 50-60 Hz

±15° ■ 19x48° ■ INCLUDED ■ 2000Kg. ■ 66

2 ■ R

LED 4000K 27W





GEA **NEW**

55-9826-Y4-37

9 LED CREE 14W **RGBEASY+ <40°C** A++ >> A

Y4 INOX AISI 304 GLA HARD UVA GLA
DIF DIF DIF

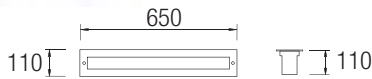
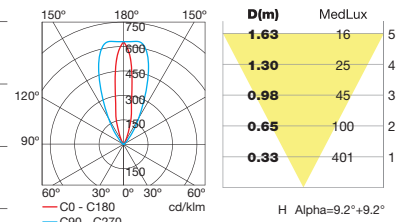
IP 67 IK 08 RF 850°C



±15° 19x48° INCLUDED 2000kg. 59

2 R

LED 14W



GEA **NEW**

55-9827-Y4-37

9 LED CREE 14W **RGBDMX <40°C** A++ >> A

Y4 INOX AISI 304 GLA HARD UVA GLA
DIF DIF DIF

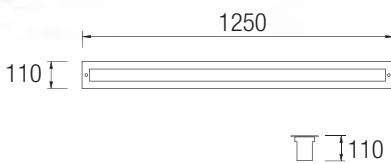
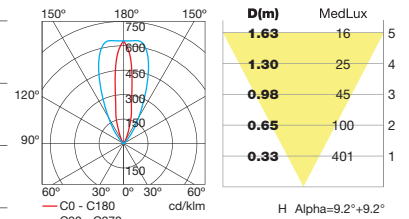
IP 67 IK 08 RF 850°C

MEANWELL+ CONTROLLER Dimming 100V 240V 50-60 Hz

±15° 19x48° INCLUDED 2000kg. 59

2 R

LED 14W



GEA **NEW**

55-9828-Y4-37

18 LED CREE 28W **RGBEASY+ <40°C** A++ >> A

Y4 INOX AISI 304 GLA HARD UVA GLA
DIF DIF DIF

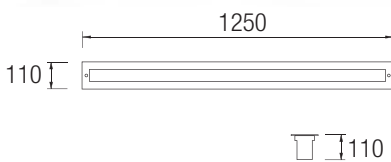
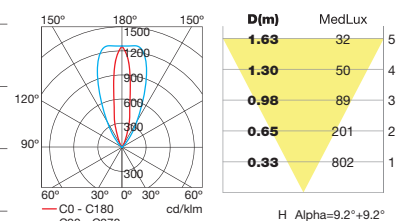
IP 67 IK 08 RF 850°C



±15° 19x48° INCLUDED 2000kg. 66

2 R

LED 28W



GEA **NEW**

55-9829-Y4-37

18 LED CREE 28W **RGBDMX <40°C** A++ >> A

Y4 INOX AISI 304 GLA HARD UVA GLA
DIF DIF DIF

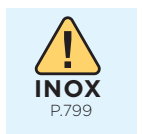
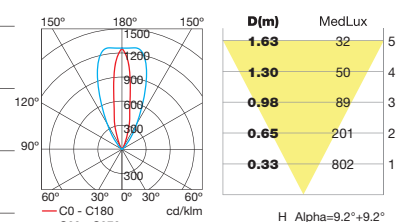
IP 67 IK 08 RF 850°C

MEANWELL+ CONTROLLER Dimming 100V 240V 50-60 Hz

±15° 19x48° INCLUDED 2000kg. 66

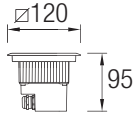
2 R

LED 28W



OUTDOOR | RECESSED

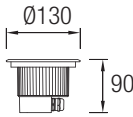




GEA

55-9723-CA-37 ■

3 LED CREE 6,5W 4000K 552lm <40°C A++>>A

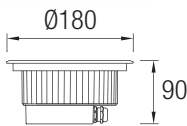


GEA

55-9663-CA-CL ■ 3000K 282lm **NEW**

55-9663-CA-37 ■ 4000K 321lm

3 LED CREE 3W A++>>A



GEA

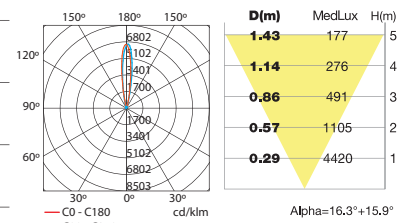
55-9665-CA-CL ■ 3000K 675lm **NEW**

55-9665-CA-37 ■ 4000K 945lm

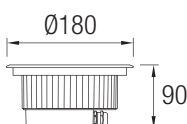
9 LED PHILIPS 9W <40°C A++>>A



LED 9W 4000K



OUTDOOR | RECESSED



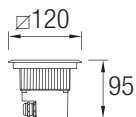
GEA

55-9667-CA-CL ■ 3000K 1197lm **NEW**

55-9667-CA-37 ■ 4000K 1701lm

9 LED PHILIPS 18W <40°C A++>>A

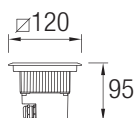




GEA NEW

55-9820-CA-37 ■

3 LED CREE 7,5W **RGBEASY+** 240lm <40°C **A++>>A**

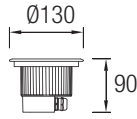


GEA NEW

55-9821-CA-37 ■

3 LED CREE 7,5W **RGBDMX** 240lm <40°C **A++>>A**



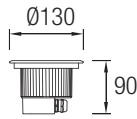


GEA **NEW**
55-9822-CA-37

3 LED CREE 7,5W **RGBEASY+** 240lm <40°C **A++>>A**

CA **INOX AISI 316** **GLA HARD DIF** **IP 67** **IK 10** **RF 850°C**

P.787

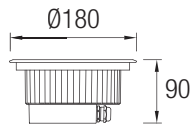


GEA **NEW**
55-9823-CA-37

3 LED CREE 7,5W **RGBDMX** 240lm <40°C **A++>>A**

CA **INOX AISI 316** **GLA HARD DIF** **IP 67** **IK 10** **RF 850°C**

P.782 **24 VDC** + DMX CONTROLLER

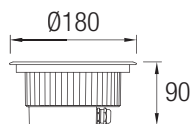


GEA **NEW**
55-9824-CA-37

9 LED CREE 14W **RGBEASY+** 490lm <40°C **A++>>A**

CA **INOX AISI 316** **GLA HARD DIF** **IP 67** **IK 10** **RF 850°C**

P.787



GEA **NEW**
55-9825-CA-37

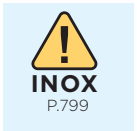
9 LED CREE 14W **RGBDMX** 490lm <40°C **A++>>A**

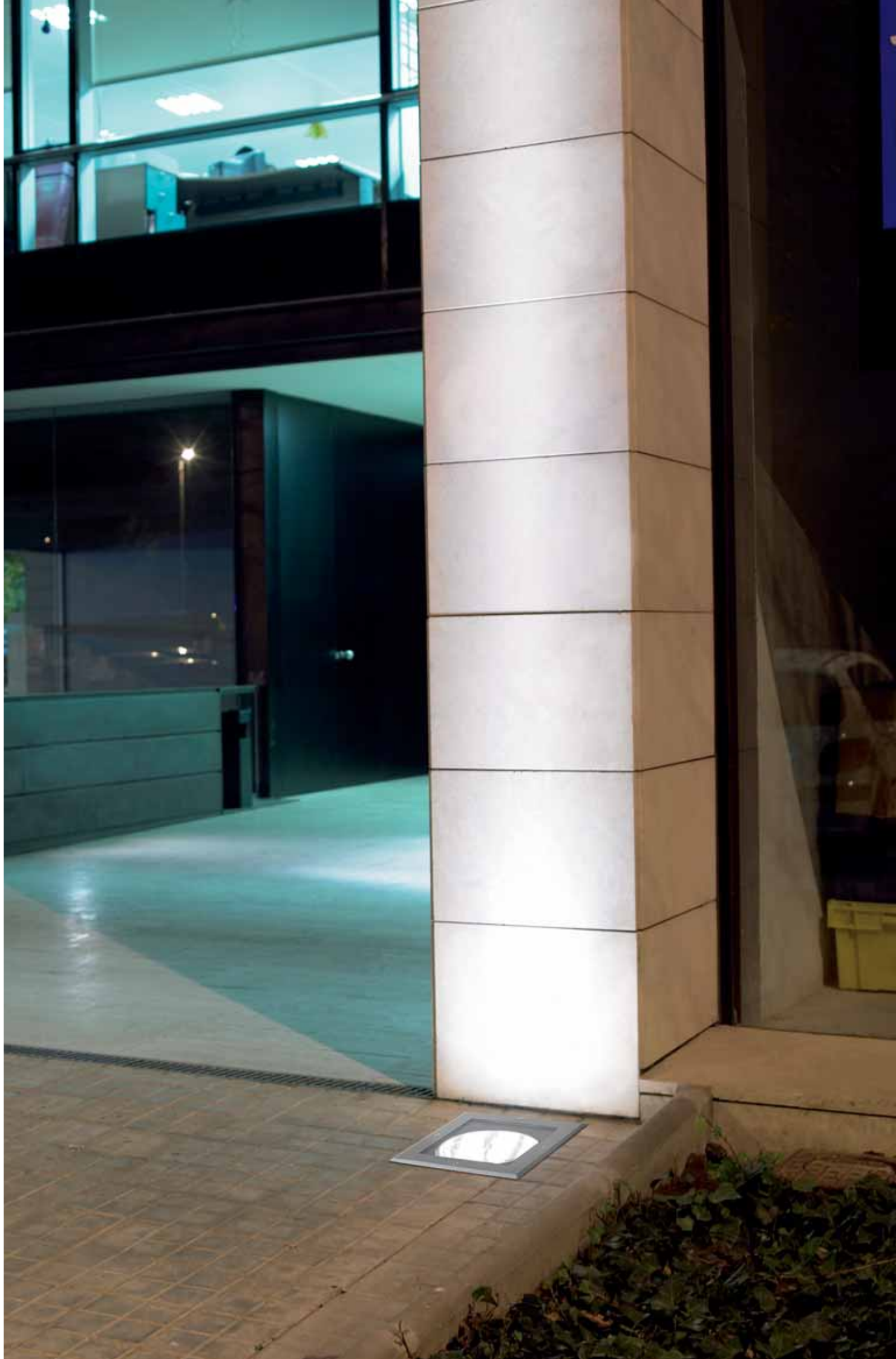
CA **INOX AISI 316** **GLA HARD DIF** **IP 67** **IK 10** **RF 850°C**

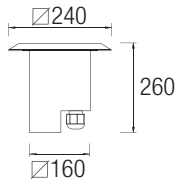
P.782 **24 VDC** + DMX CONTROLLER



OUTDOOR | RECESSED





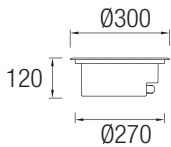
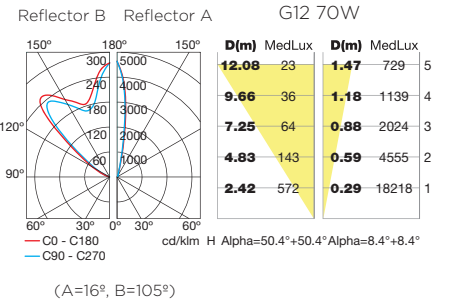


GEA 55-9232-Y4-37

G12 70W HID >80°C A+ A

Y4 AL INJ INOX AISI 304 GLA HARD DIF IP 67 IK 10 0,5M
 BAG 220V 240V 50 Hz
 ±15° 18° 100% INCLUDED 1800Kg.
 32 2

A=16°
 2 reflectores incluidos.
 2 reflectors included.
 2 réflecteurs inclus.
 2 Reflektore inklusive.
 2 riflettori inclusi.
 2 reflectores incluidos
 Прилагаются 2 отражателя.
 2 odbłyśniki w komplecie
 B=105°

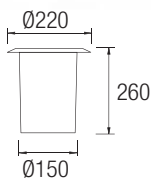
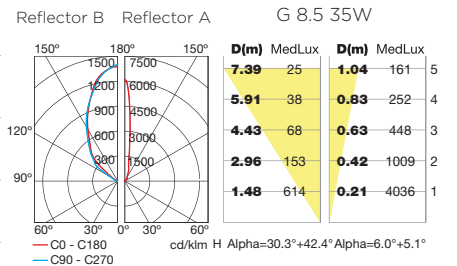


GEA 55-9486-Y4-37

G 8.5 35W HID 40-80°C A+ A

Y4 AL INJ INOX AISI 304 GLA HARD DIF IP 67 IK 10 0,2M
 BAG 230V 50 Hz
 ±15° 16° 40% INCLUDED 1500Kg.
 78 2

A=16°
 2 reflectores incluidos.
 2 reflectors included.
 2 réflecteurs inclus.
 2 Reflektore inklusive.
 2 riflettori inclusi.
 2 reflectores incluidos
 Прилагаются 2 отражателя.
 2 odbłyśniki w komplecie
 B=40°

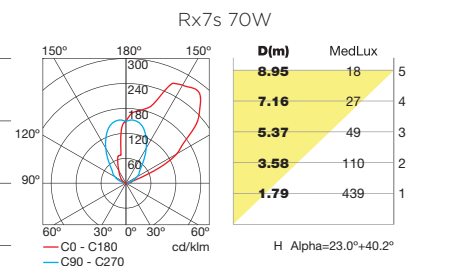


GEA 55-9433-Y4-37

Rx7s 70W HID >80°C A+ A

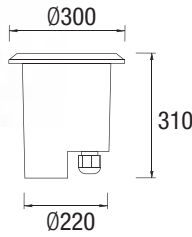
Y4 AL INJ INOX AISI 304 GLA HARD DIF IP 67 IK 10 0,5M
 BAG 230V 50 Hz
 INCLUDED 1800Kg.
 31 2

A=16°
 2 reflectores incluidos.
 2 reflectors included.
 2 réflecteurs inclus.
 2 Reflektore inklusive.
 2 riflettori inclusi.
 2 reflectores incluidos
 Прилагаются 2 отражателя.
 2 odbłyśniki w komplecie
 B=105°



OUTDOOR | RECESSED





GEA

55-9625-CA-37 ■ INOX AISI 316

55-9625-Y4-37 ■ INOX AISI 304

G12 150W HID >80°C A+ A

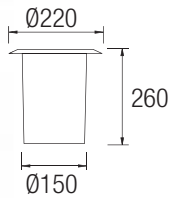
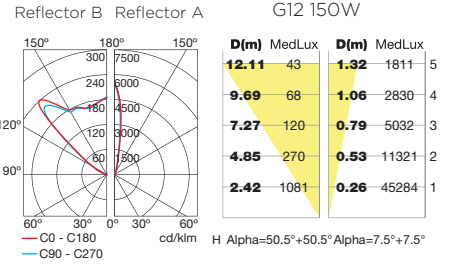
CA Y4 AL INJ INOX AISI 316 INOX AISI 304 GLA HARD DIF

RF 850°C 0,5M

BAG 230V 50 Hz

±15° 15° 100° INCLUDED 1500Kg.

65



GEA

55-9187-CA-37 ■ INOX AISI 316

55-9187-Y4-37 ■ INOX AISI 304

G12 70W HID >80°C A+ A

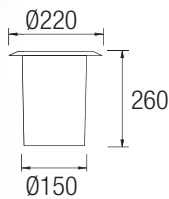
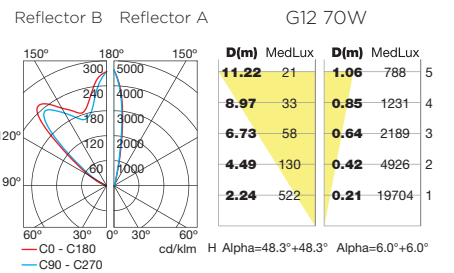
CA Y4 AL INJ INOX AISI 316 INOX AISI 304 GLA HARD DIF

0,5M

BAG 230V 50 Hz

±15° 18° 100° INCLUDED 1800Kg.

31 2



GEA

55-9323-Y4-37 ■

G12 35W HID 40-80°C A+ A

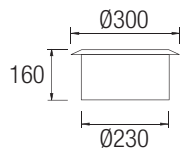
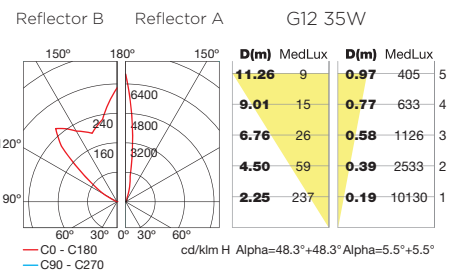
Y4 AL INJ INOX AISI 304 GLA HARD DIF

0,5M

BAG 220V 240V 50 Hz

±15° 12° 100° INCLUDED 1800Kg.

31 2



71-9187-Y4-37 ■

Accesorio para / Accessory for / Accessoire pour / Zubehör für / Accessorio per / Acessório para / Принадлежность для / Akcesorium do **55-9187 / 55-9323**

Y4 INOX AISI 304 +40°C -30°C 4

A=16°

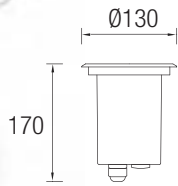


B=100°

2 reflectores incluidos.
2 reflectors included.
2 réflecteurs inclus.
2 Reflektore inklusive.
2 riflettori inclusi.
2 reflectores incluidos
Прилагаются 2 отражателя.
2 odbłyśniki w komplecie







GEA

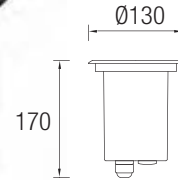
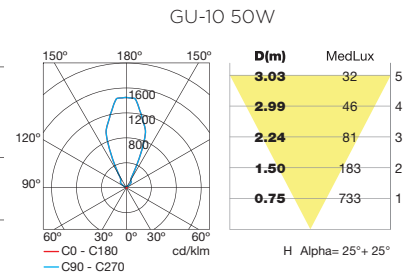
55-9280-CA-37 ■ INOX AISI 316

55-9280-Y4-37 ■ INOX AISI 304

GU-10 max. 50W / max. L=82mm

Halogen >80°C - Fluorescent 40-80°C

A++ >>> C



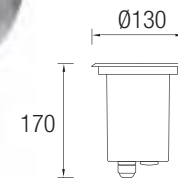
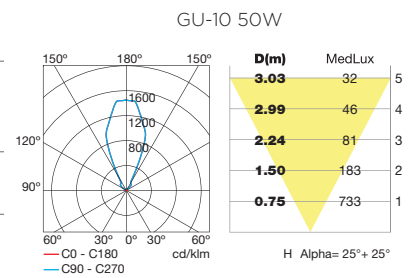
GEA

55-9567-Z5-37 ■

GU-10 max. 50W / max. L=80mm

Halogen >80°C - Fluorescent 40-80°C

A++ >>> C



GEA

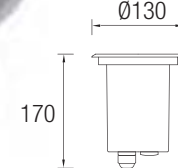
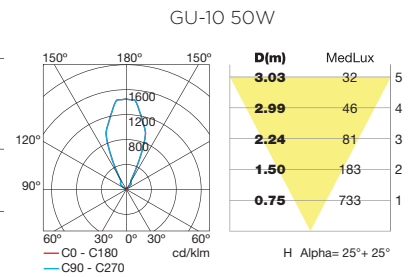
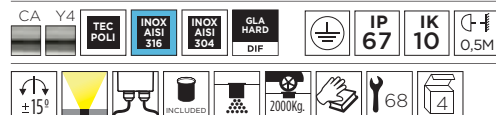
55-9380-CA-37 ■ INOX AISI 316

55-9380-Y4-37 ■ INOX AISI 304

GU-10 max. 50W / max. L=55mm

Halogen >80°C - Fluorescent 40-80°C

A++ >>> C



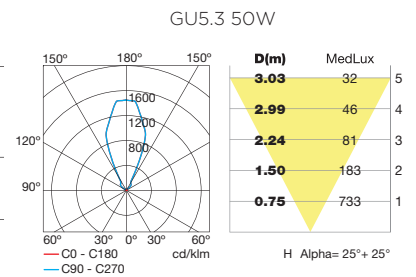
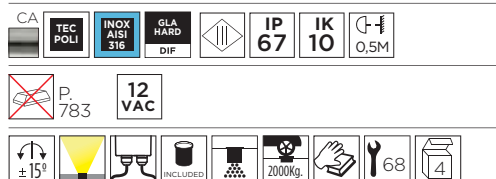
GEA

55-9635-CA-37 ■

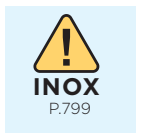
GU5.3 max. 50W

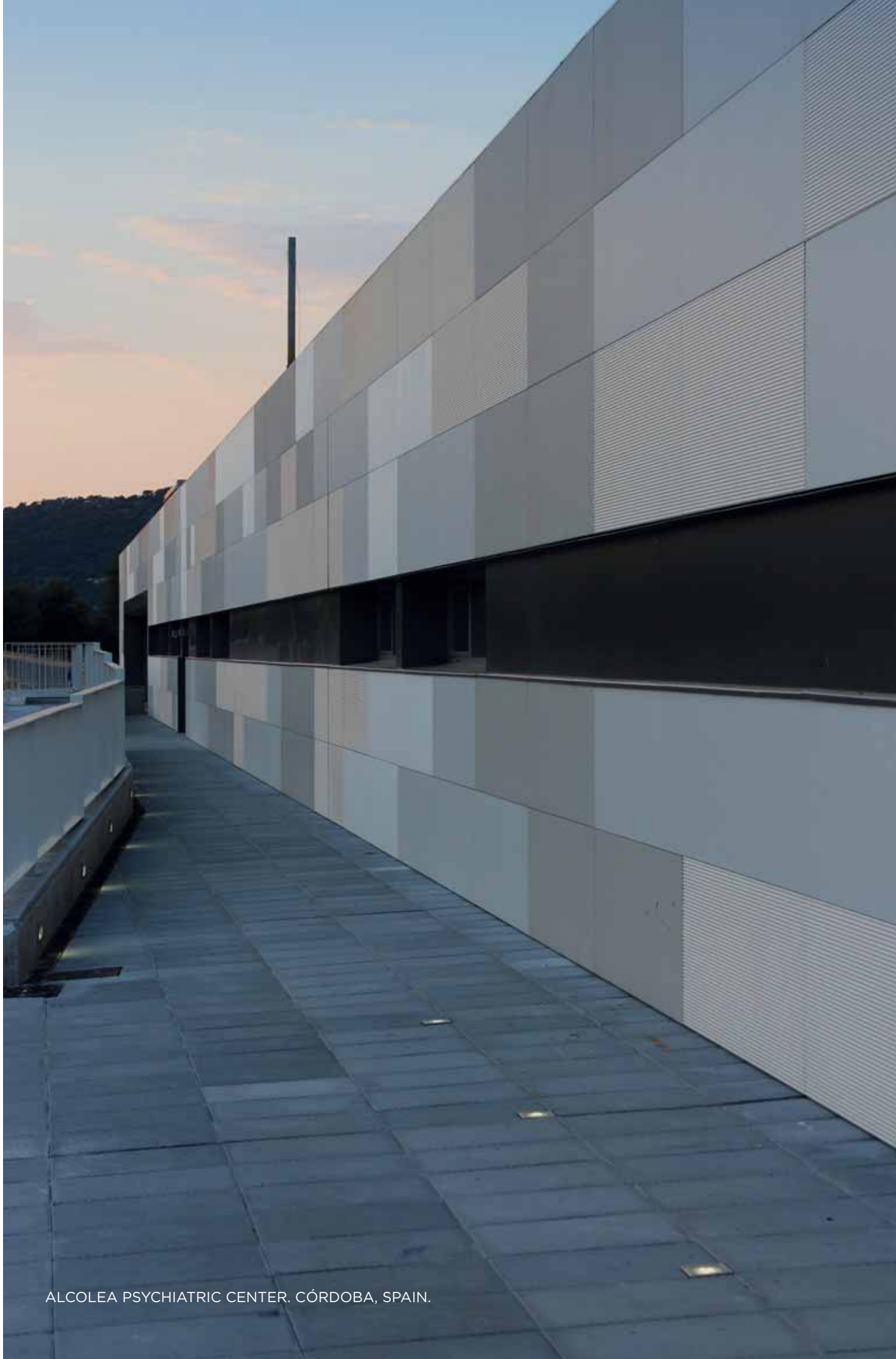
Halogen >80°C

A++ >>> C

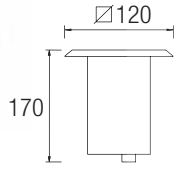


OUTDOOR | RECESSED





ALCOLEA PSYCHIATRIC CENTER. CÓRDOBA, SPAIN.

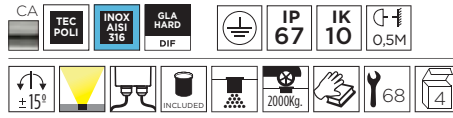


GEA

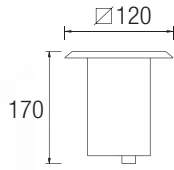
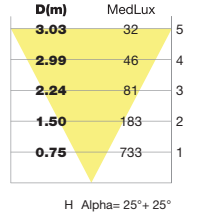
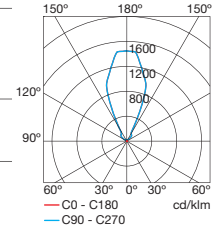
55-9737-CA-37

GU-10 max. 50W / max. L=55mm
Halogen >80°C - Fluorescent 40-80°C

A++ >>> C



GU-10 50W

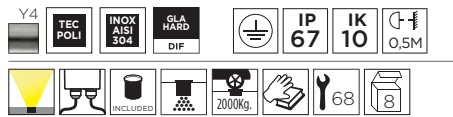


GEA

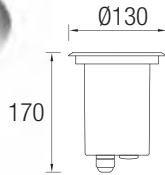
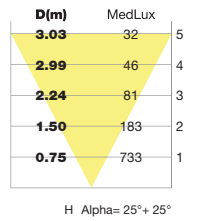
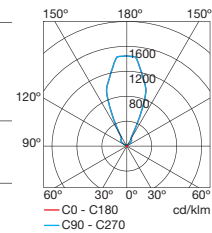
55-9281-Y4-37

GU-10 max. 50W / max. L=65mm (LED max.5W)
Halogen >80°C - Fluorescent 40-80°C

A++ >>> C



GU-10 50W

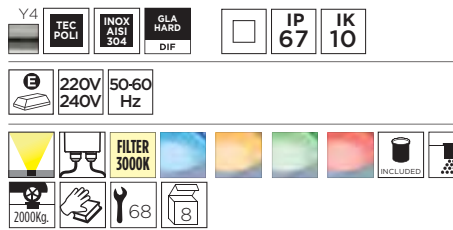


GEA

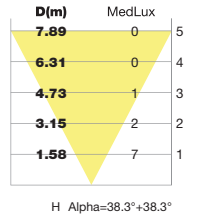
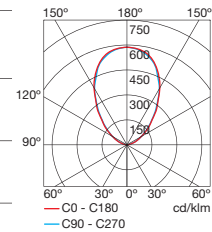
55-9282-Y4-T2

15 LED 1W 6500K 144lm <40°C

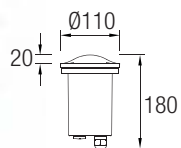
A++ >>> A



LED 1W



71-9448-CA-CA

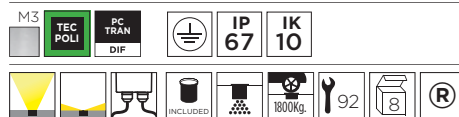


XENA

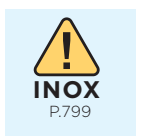
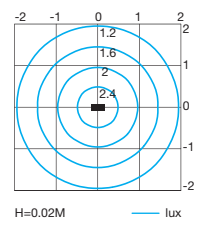
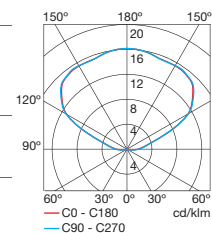
55-9421-M3-M3

GU-10 max. 11W / max. L=80mm
Fluorescent <40°C

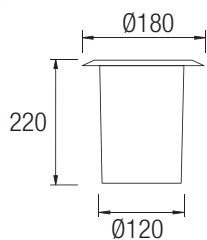
A++ >>> C



GU-10 11W



OUTDOOR | RECESSED



GEA

55-9186-CA-37 INOX AISI 316

55-9186-Y4-37 INOX AISI 304

Par-30 E-27 max. 75W / max. L=160mm

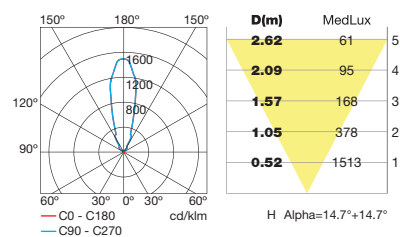
Halogen **40-80°C** - Fluorescent **40-80°C**

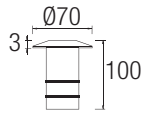
A++ >>> C



2 cristales incluidos.
2 glasses included.
2 verres compris.
2 Gläser inklusive.
2 vetri inclusi.
2 vidros incluidos.
Прилагаются 2 стекла.
2 szybki w komplecie.

PAR-30 75W





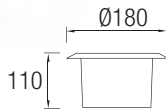
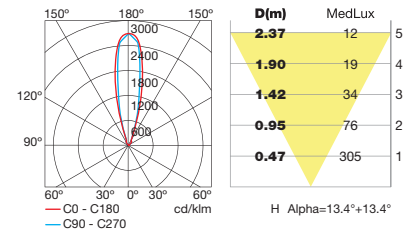
GEA

55-9255-54-37

GU4 max. 20W Halogen **>80°C** **A++** **C**



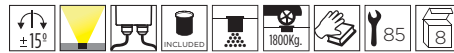
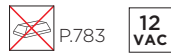
GU4 20W



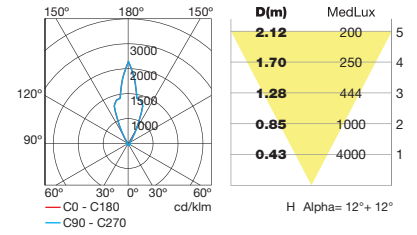
GEA

55-9337-Y4-37

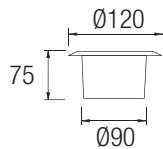
G-53 max. 75W Halogen **>80°C** **A++** **C**



QR-R 111 60W



71-9452-CA-CA



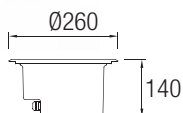
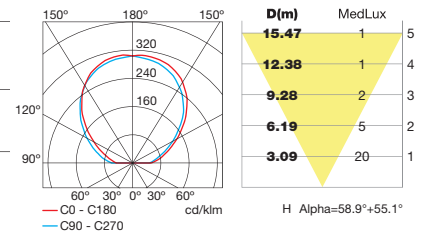
GEA

55-9184-Y4-37

GX 53 max. 9W Fluorescent **40-80°C** **A++** **C**



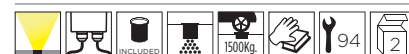
GX 53 9W



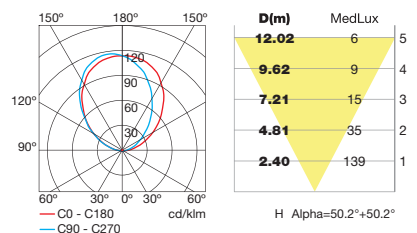
GEA

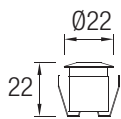
55-9430-Y4-T2

2 x GX24d-3 26W **>80°C** **A++** **B**



2 x GX24d-3 26W

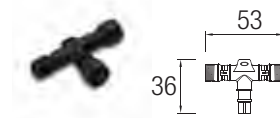
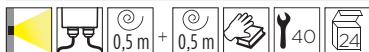
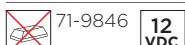




GEA NEW

55-9794-CA-CL

1 LED 0,6W 3000K 12lm



71-9844-05-05 NEW

(5u)



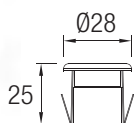
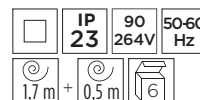
71-9845-05-05 NEW

(5u)



71-9846-05-05 NEW

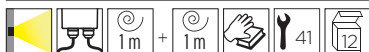
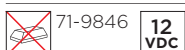
max. 30W

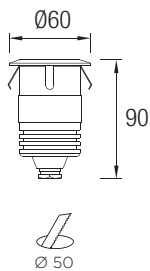


GEA NEW

55-9795-CA-CL

1 LED 1W 3000K 20lm



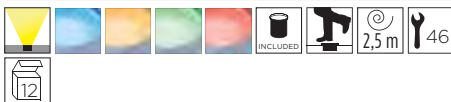


GEA

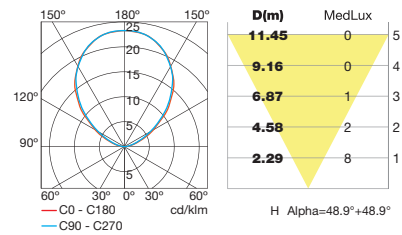
55-9620-54-CL 3000K 94lm **NEW**

55-9620-54-T2 4000K 107lm

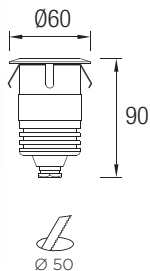
LED CREE 1W <40°C A++>>A



LED 1W 4000K



H Alpha=48.9°+48.9°



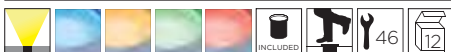
GEA

55-9621-54-CL 3000K **NEW**

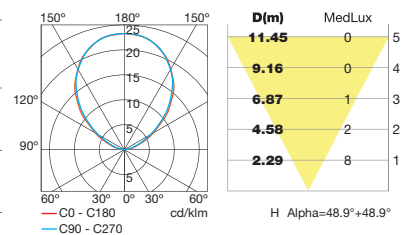
55-9621-54-T2 4000K

LED CREE 1W 350mA 107lm /2W 700mA 184lm <40°C

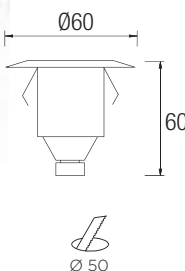
A++>>A



LED 1W 4000K



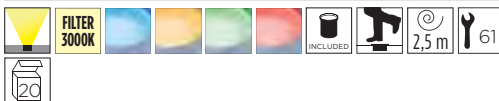
H Alpha=48.9°+48.9°



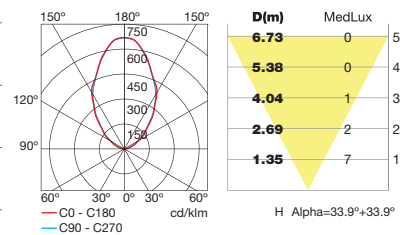
GEA

55-9769-54-T2

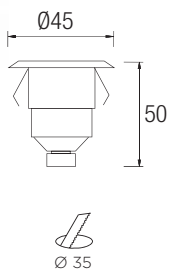
12 LED 1W 4000K 96lm <40°C A++>>A



LED 1W



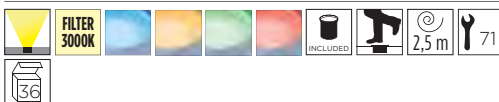
H Alpha=33.9°+33.9°



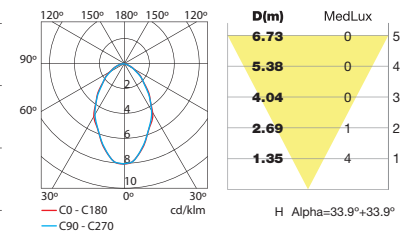
GEA

55-9768-54-T2

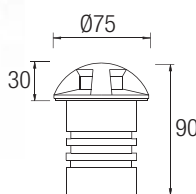
6 LED 0,5W 4000K 48lm <40°C A++>>A



LED 0,5W



H Alpha=33.9°+33.9°



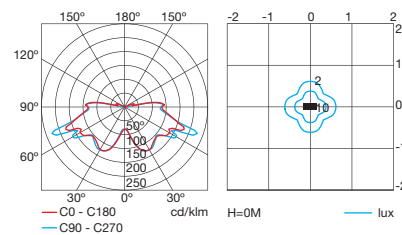
GEA

55-9257-54-M2

LED 1W 4000K 80lm <40°C A++>>A



LED 1W



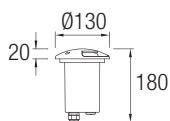
H=0M



OUTDOOR | RECESSED



DAMM AREA, F.C. BARCELONA STADIUM. BARCELONA, SPAIN.

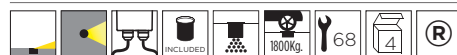


XENA

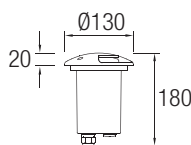
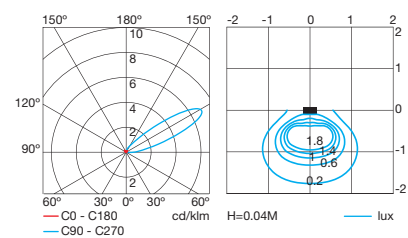
55-9422-34-M3 ■

55-9422-Z5-M3 ■

6 LED 0,5W 4000K 64lm <40°C A++>>A



LED 0,5W

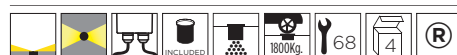


XENA

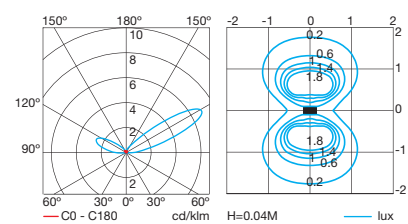
55-9423-34-T2 ■

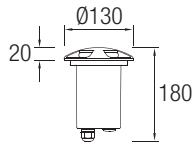
55-9423-Z5-T2 ■

12 LED 1W 4000K 128lm <40°C A++>>A



LED 1W





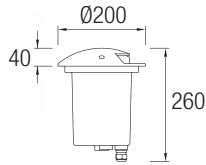
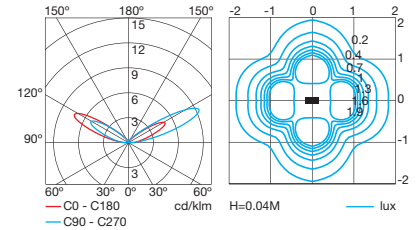
XENA

55-9424-34-T2 ■
55-9424-Z5-T2 ■

12 LED 1W 4000K 128lm <40°C A++ > A

34	Z5	TEC POLI	AL PUR	PC MAT DIF	IP 67	IK 10
E		220V 240V	50-60 Hz			
INCL		1800Kg	68	4		

LED 1W



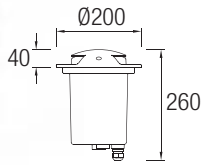
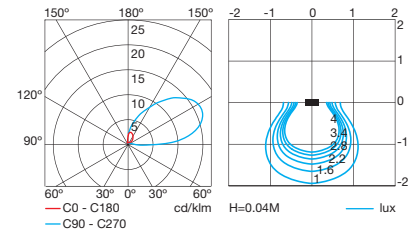
XENA

55-9426-34-M3 ■
55-9426-Z5-M3 ■

E-27 max. 20W / max. L=175mm
Fluorescent 40-80°C

34	Z5	TEC POLI	AL PUR	PC MAT DIF	IP 67	IK 10
A++ > C						
INCL		1800Kg	93	4		

E-27 20W



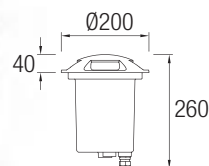
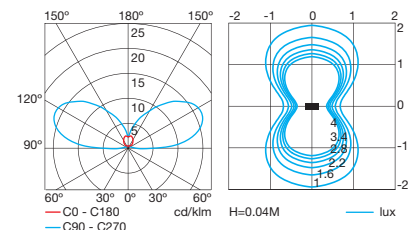
XENA

55-9427-34-T2 ■
55-9427-Z5-T2 ■

E-27 max. 20W / max. L=175mm
Fluorescent 40-80°C

34	Z5	TEC POLI	AL PUR	PC MAT DIF	IP 67	IK 10
A++ > C						
INCL		1800Kg	93	4		

E-27 20W



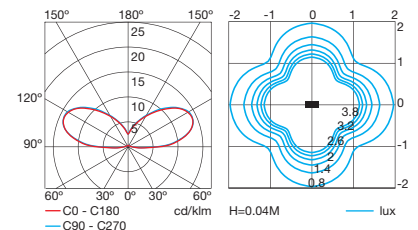
XENA

55-9428-34-T2 ■
55-9428-Z5-T2 ■

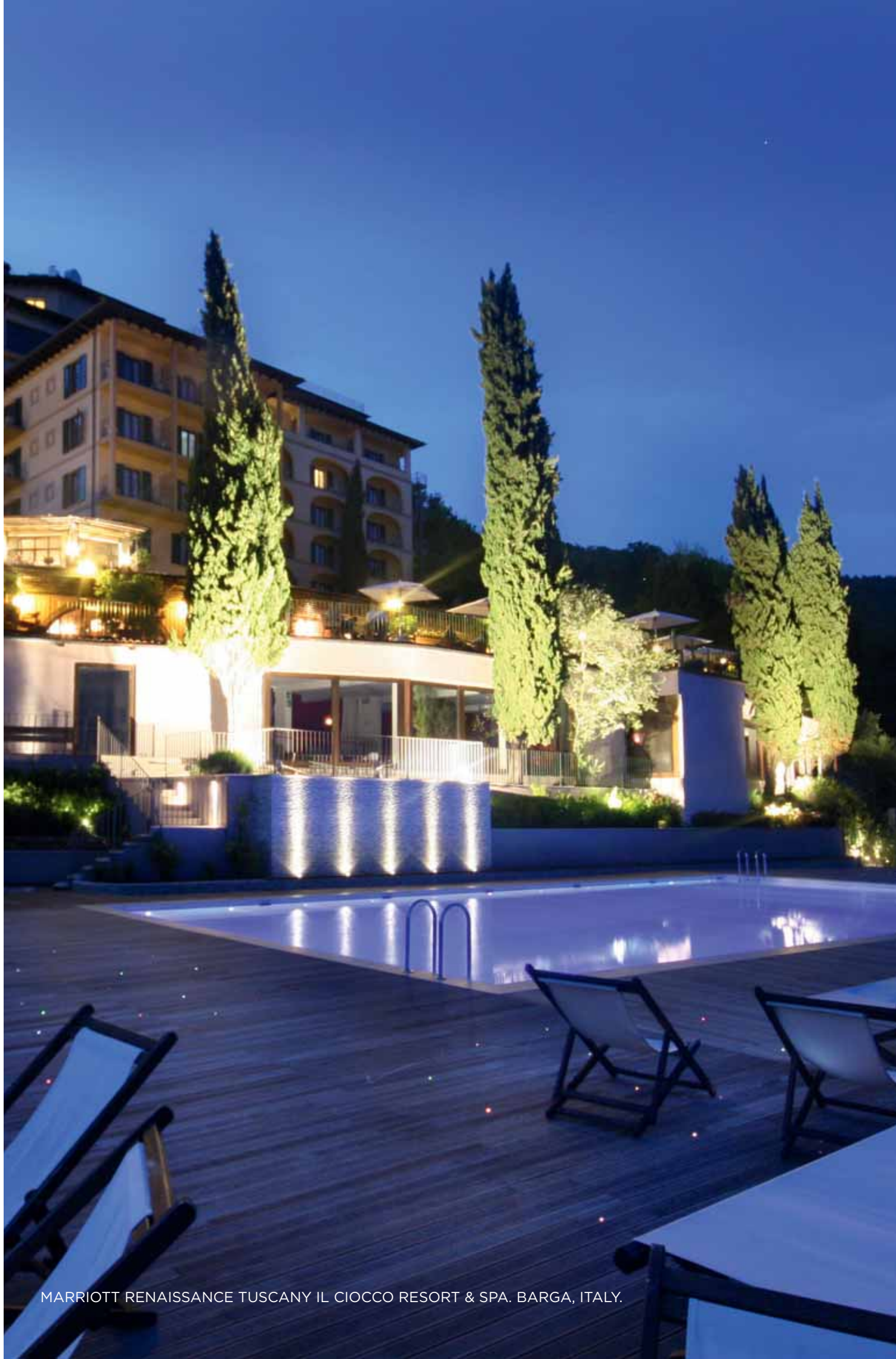
E-27 max. 20W / max. L=175mm
Fluorescent 40-80°C

34	Z5	TEC POLI	AL PUR	PC MAT DIF	IP 67	IK 10
A++ > C						
INCL		1800Kg	93	4		

E-27 20W



OUTDOOR | RECESSED



MARRIOTT RENAISSANCE TUSCANY IL CIOCCO RESORT & SPA. BARGA, ITALY.

WATERPROOF



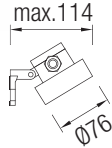
AQUA

05-9727-05-M2

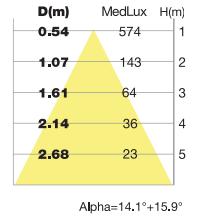
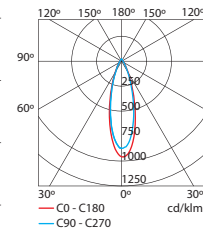
3 LED CREE 7W 4000K 489lm **A++ >> A**

05 **PC** **PC TRAN DIF** **IP 68** **1m** **IK 09**

12 VAC P.783 **12 VDC** P.782



LED 7W



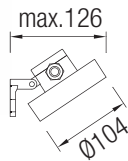
AQUA

05-9728-05-M2

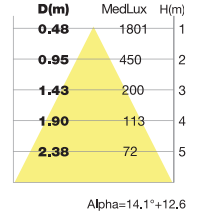
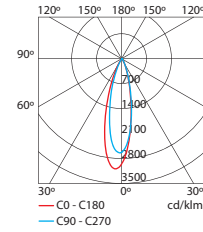
9 LED CREE 21W 4000K 1467lm **A++ >> A**

05 **PC** **PC TRAN DIF** **IP 68** **1m** **IK 09**

12 VAC P.783 **12 VDC** P.782



LED 21W



AQUA

05-9245-CA-37

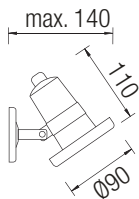
GU5.3 max. 50W / max. L= 55mm
Halogen - Fluorescent

A++ >> C

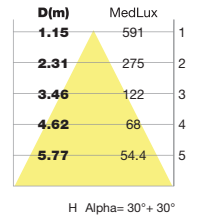
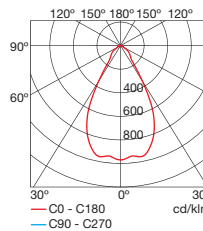
CA **INOX AISI 316** **GLA HARD DIF** **IP 68** **1m** **IK 10** **RF 850°C**

0,5M

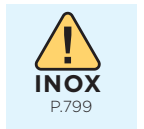
12 VAC P.783

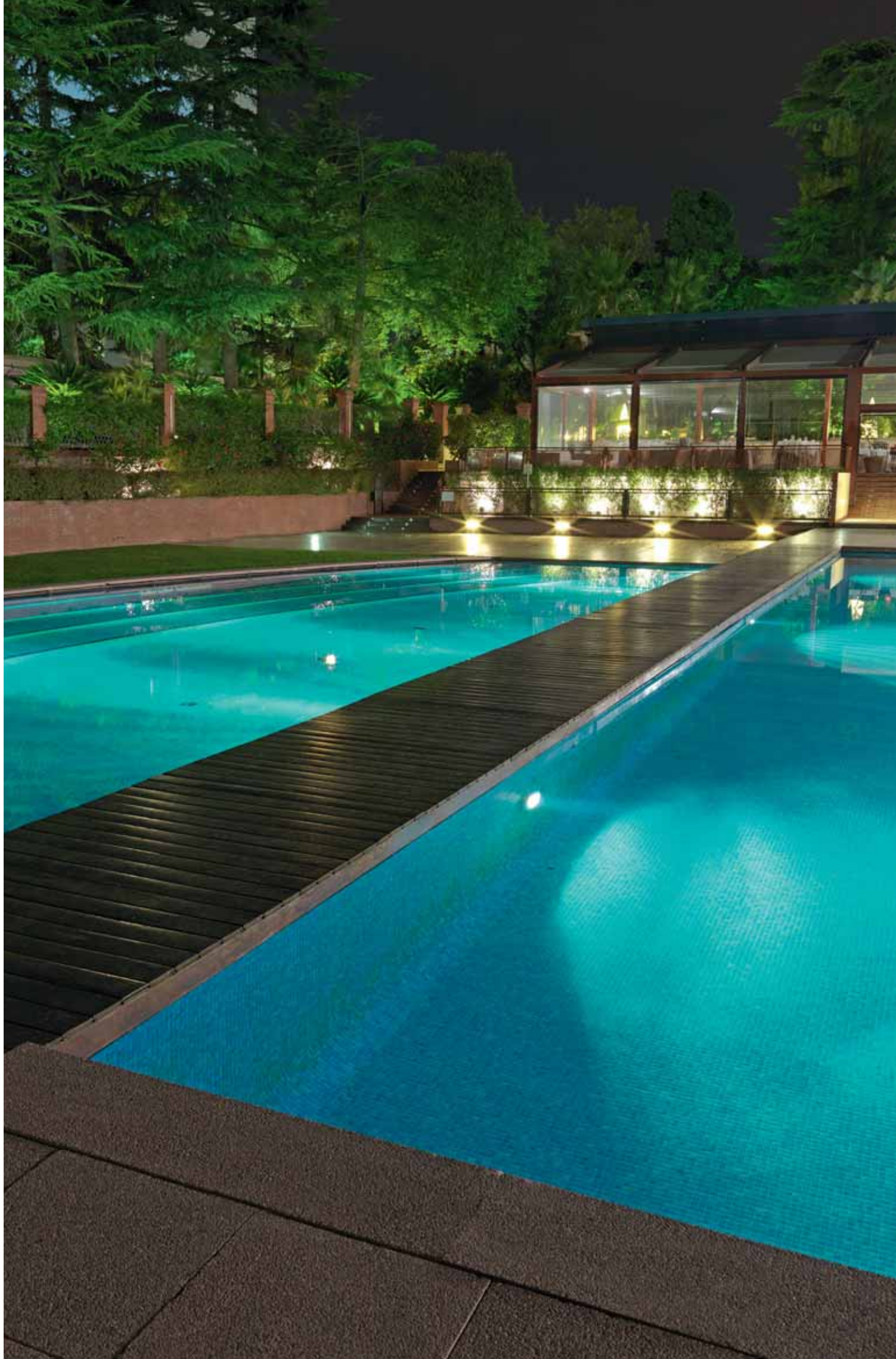


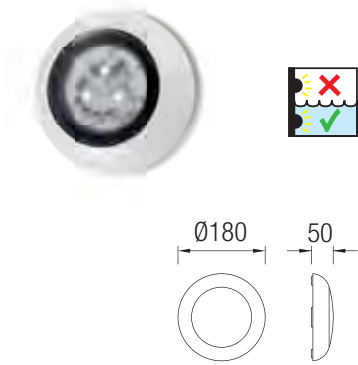
GU5.3 50W



OUTDOOR | WATERPROOF







AQUA

55-9697-14-M3

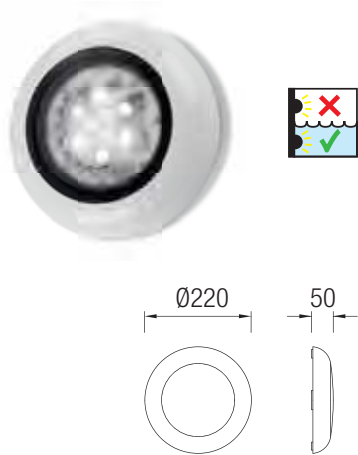
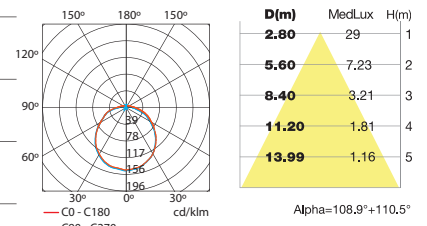
3 LED PHILIPS 6W 4000K 567lm <40°C A++ >> A

14 PC PC MAT DIF IP 68 1m IK 07

12 VAC P.783 12 VDC P.782

2,5 m 5M² 8 R

LED 6W



AQUA

55-9699-14-M3

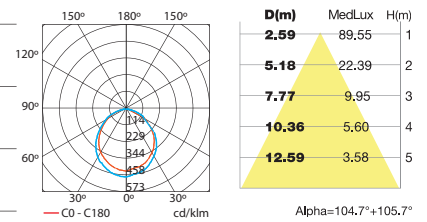
9 LED PHILIPS 18W 4000K 1701lm <40°C A++ >> A

14 PC PC MAT DIF IP 68 1m IK 07

12 VAC P.783 12 VDC P.782

2,5 m 15M² 4 R

LED 18W



AQUA NEW

55-9818-14-M3

3 LED PHILIPS RGBEASY+ 7,5W 453lm <40°C A++ >> A

14 PC PC MAT DIF IP 68 1m IK 07

P.787

2,5 m 5M² 8 R



AQUA NEW

55-9819-14-M3

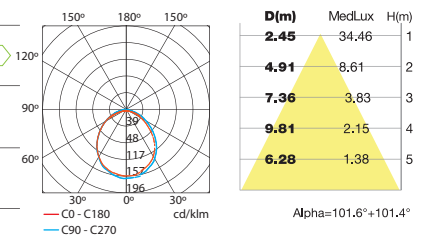
9 LED PHILIPS RGBEASY+ 14W 1360lm <40°C A++ >> A

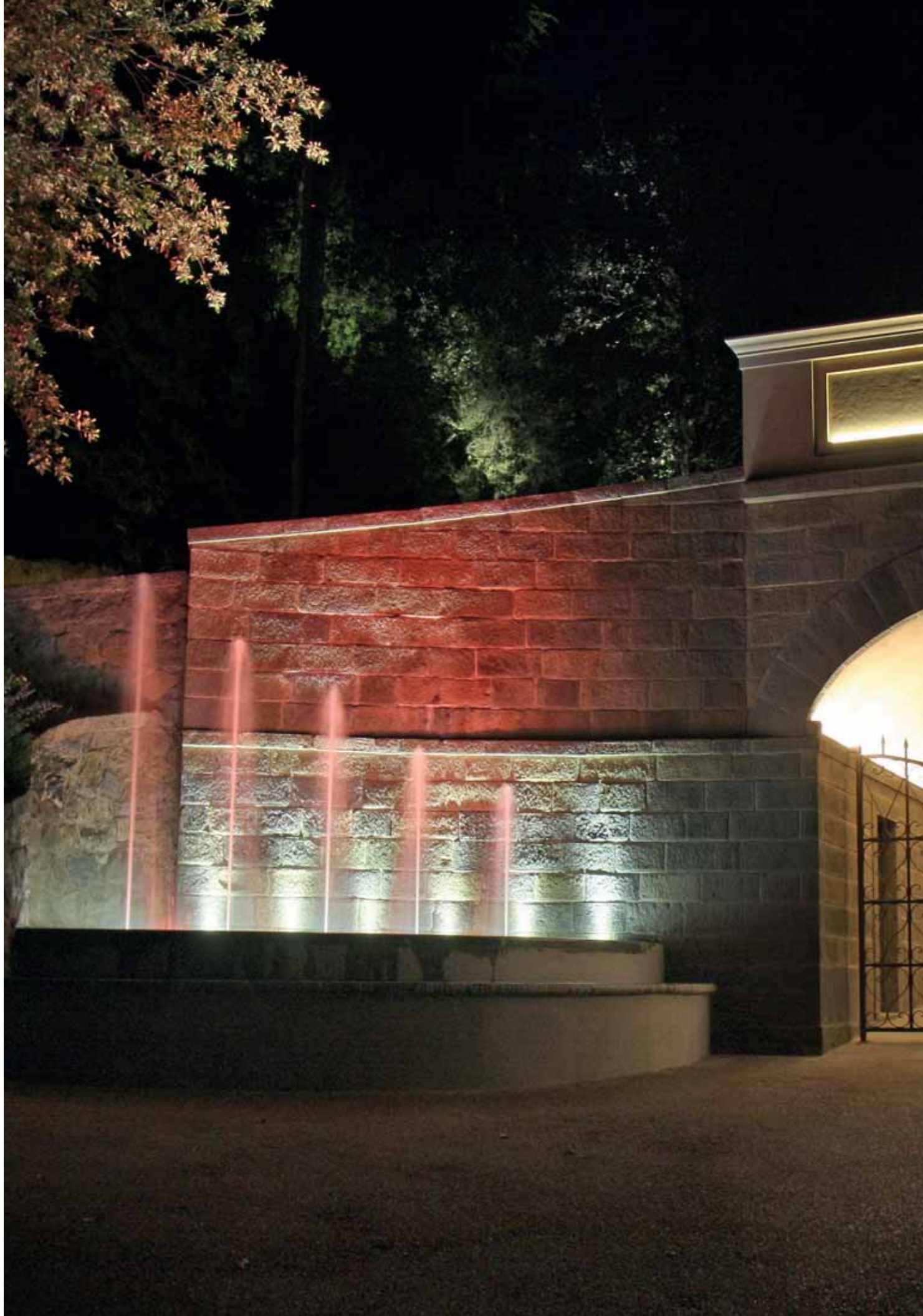
14 PC PC MAT DIF IP 68 1m IK 07

P.787

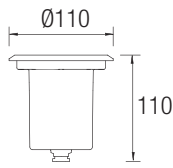
2,5 m 15M² 4 R

LED 14W





MARRIOTT RENAISSANCE TUSCANY IL CIOCCO RESORT & SPA. BARGA, ITALY.



AQUA

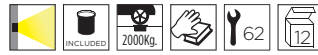
55-9245-CA-37

GU5.3 max. 50W / max. L=60mm
Halogen >80°C

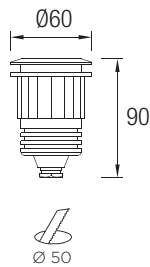
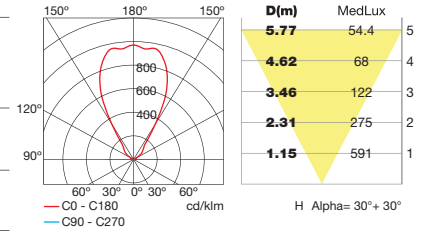
A++ C

CA INOX AISI 316 GLA HARD DIF IP 68 1m IK 08 RF 850°C

12 VAC P.783



GU5.3 50W



AQUA

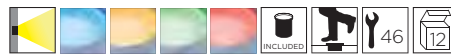
55-9622-14-T2

LED CREE 1W 350mA 107lm / 3W 700mA 184lm
4000K <40°C

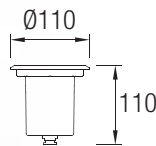
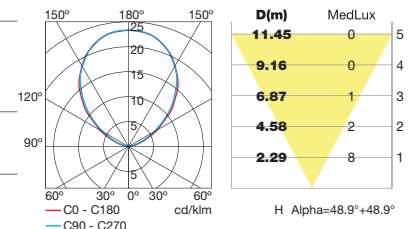
A++ A

14 PC GLA HARD DIF IP 68 1m IK 10

B max. 700mA P.774



LED 1W



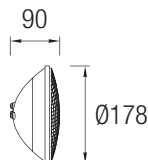
AQUA NEW

55-9792-CA-CM

3 LED LG 6W 4000K 663lm A++ A

CA INOX AISI 316 GLA HARD DIF IP 68 1m

12 VAC P.783 12 VDC P.782



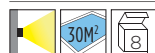
AQUA

71-9729-54-M3

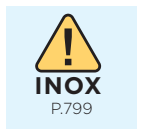
120 LED SAMSUNG 43W 4000K 4320lm

54 PC AL ANOD PC MAT DIF IP 68 1m IK 10

12 VAC P.783 12 VDC P.782



Para substituir lampara PAR 56. / To replace PAR 56 bulb. / Pour remplacer l'ampoule PAR 56. / Um Lampe PAR 56 ersetzen. / Per sostituire la lampadina PAR 56. / Para substituir lâmpada PAR 56. / Для замены лампы PAR 56. / Aby wymienić żarówkę 56 PAR.





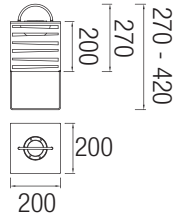
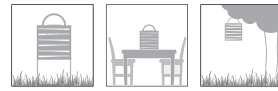
CHILLOUT



ARI

10-9784-14-M2

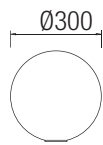
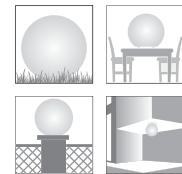
LED 0,1W 3000K 8lm



CISNE

55-9155-M1-M1

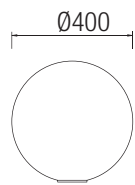
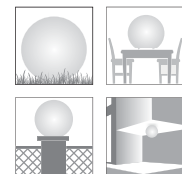
E-27 max. 100W
Halogen - Fluorescent



CISNE

55-9156-M1-M1

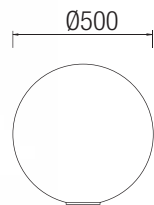
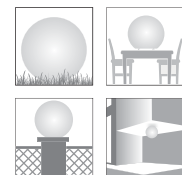
E-27 max. 150W
Halogen - Fluorescent



CISNE

55-9481-M1-M1

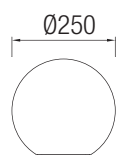
E-27 max. 150W
Halogen - Fluorescent



CISNE

55-9756-M1-M1

LED 2W RGB

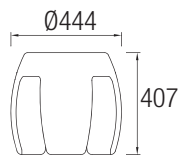




ROCK

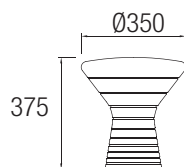
55-9754-M1-M1

LED 3W RGB **A++** A



Un código incluye 2 sillas.
Includes two seats per unit.
Un code comprend 2 chaises.
Zu einer Art.-Nr. gehören 2 Stühle.
Un codice comprende 2 sedie.
Um código inclui 2 cadeiras.
Один код включает 2 стула.
Jeden kod zawiera 2 krzesła.

Puede usarse como asiento. Máx. 110 Kg.
Can be used as a seat. Max 110 Kg
Peut servir de siège. 110 kg maxi.
Kann als Sitz verwendet werden. Max. 110 kg
Può essere utilizzato come sedia. Max. 110 kg.
Pode usar-se como assento. Máx. 110 kg.
Может использоваться как сиденье. Макс. 110 кг.
Można użyć jako siedziska. Maks. 110 kg.



JEMBE **NEW**

55-9796-M1-M1

E-27 max. 23W / max. L=150mm
Fluorescent

A++ C







KAP

55-9669-14-M1

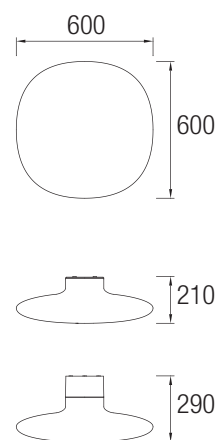
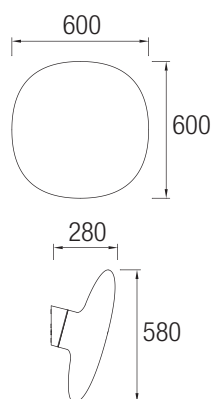
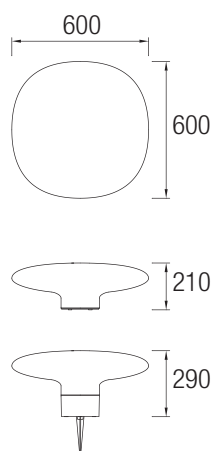
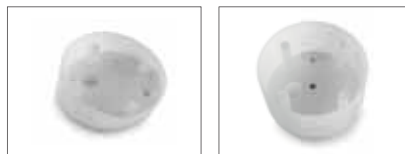
4 x E-27 max. 13W / max. L=120mm Ø=50mm
Fluorescent

A++ C

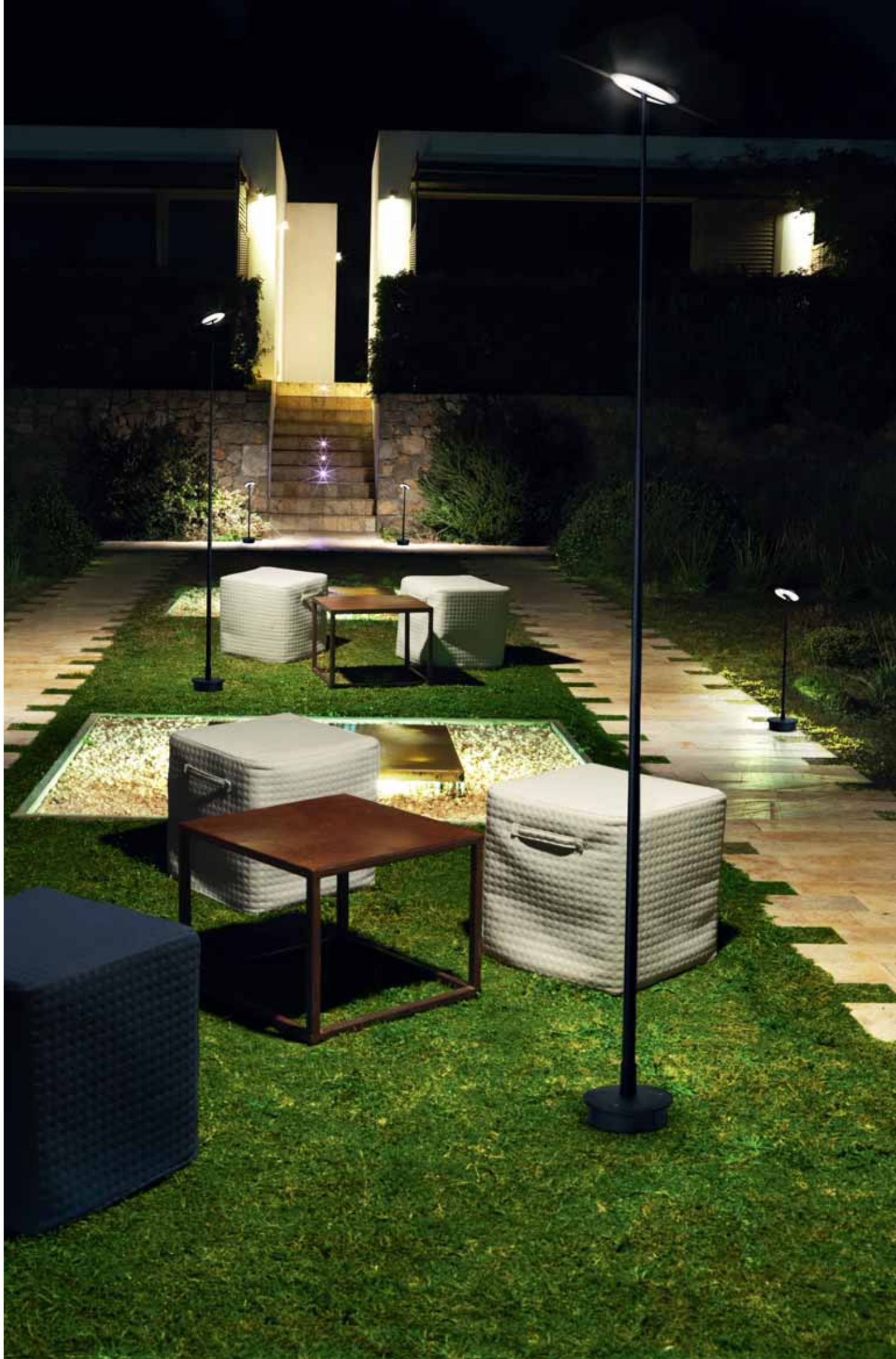
M1 PE IP65

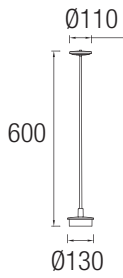
80

P. 615



OUTDOOR | CHILLOUT



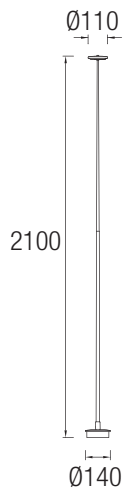
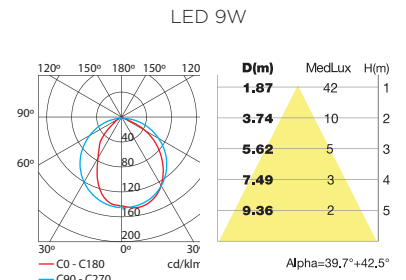


INVISIBLE

55-9733-05-M1 ■

104 LED 9W 3000K 864lm **A++** A

05	AL PUR	PC OPAL DIF	□	IP 54	IK 04
E	EAGLE RISE		100V 240V	50-60 Hz	
360°					

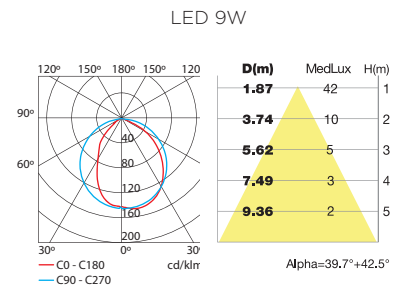


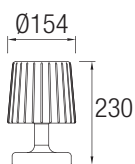
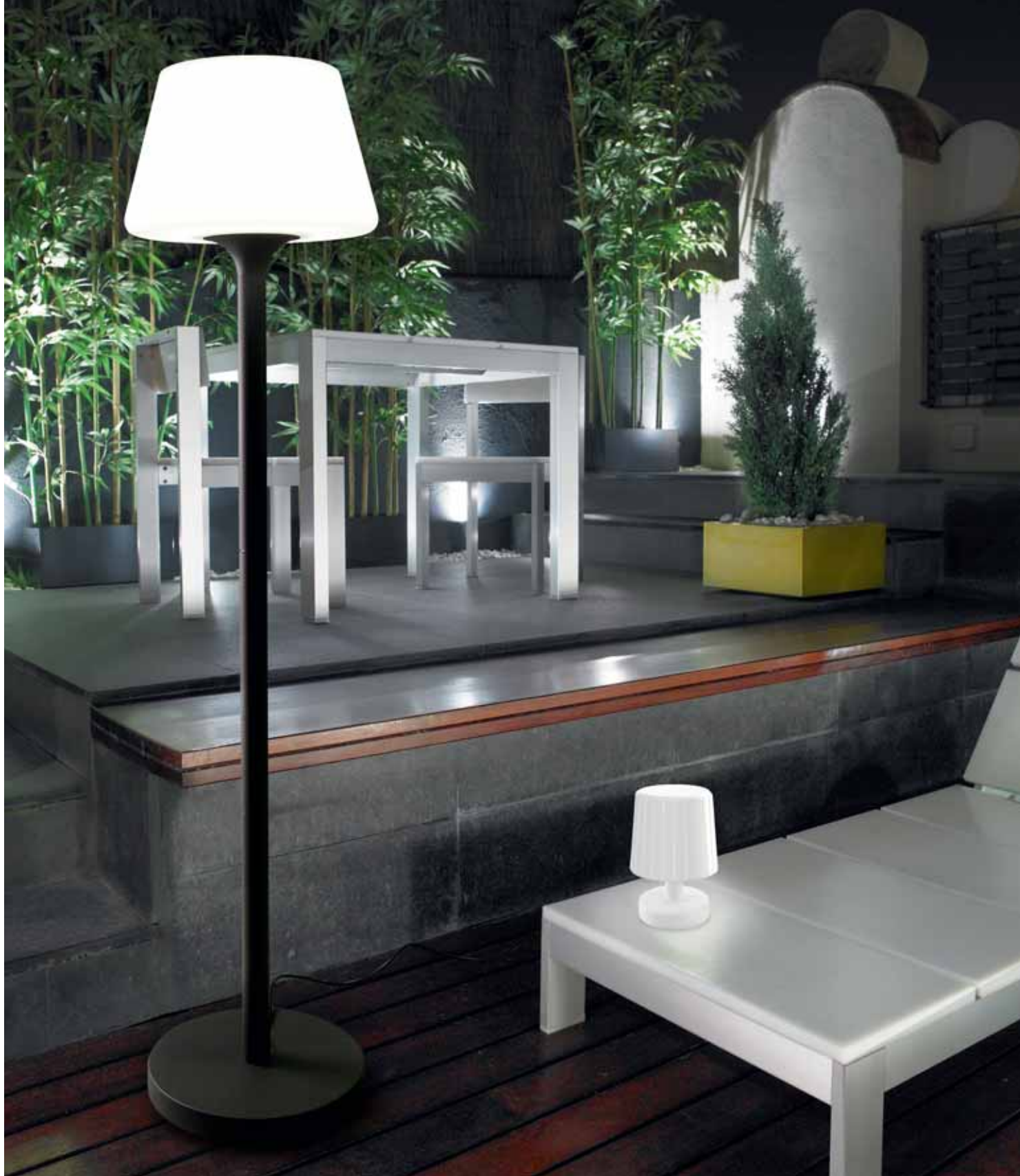
INVISIBLE

25-9733-05-M1 ■

104 LED 9W 3000K 864lm **A++** A

05	AL PUR	PC OPAL DIF	□	IP 54	IK 04
E	EAGLE RISE		100V 240V	50-60 Hz	
360°					



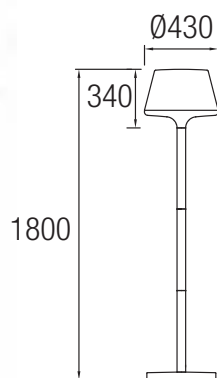


MOONLIGHT NEW

10-9874-M1-M1

LED 1W RGB **A++>>A**





MOONLIGHT

25-9503-14-M1

25-9503-Z5-M1

E-27 max. 100W
Halogen - Fluorescent

A++ >>> C



Incluye interruptor y pantalla opaca. / Includes switch and opaque screen. / Comprend interrupteur et abat-jour opaque. / Einschließlich Schalter und opakem Schirm. / Contiene interruttore e schermo opaco. / Inclui interruptor e quebra-luz opaco. / В комплект входит выключатель и непрозрачный абажур. / Zawiera wyłącznik i nieprzezroczysty abażur.

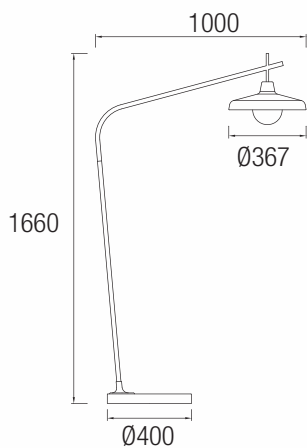
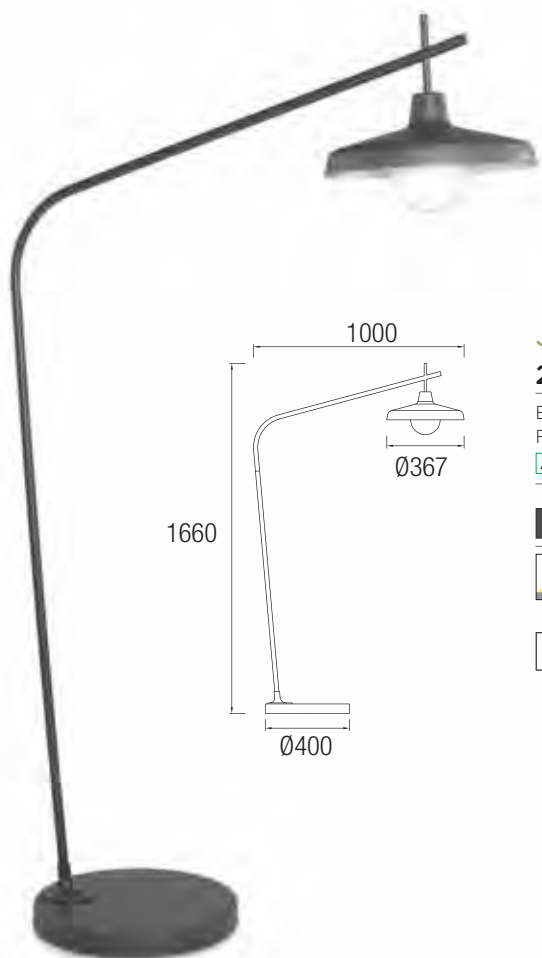
Base para fijar al suelo incluida. / Base for fixing to ground included. / Socle à fixer au sol fourni. / Bodenplatte zur Befestigung am Boden mitgeliefert. / Base da fissare nel pavimento inclusa. / Base para fixar ao chão incluida. / В комплект входит основа для фиксации к полу. / Zawarta podstawa do przytworzenia do podłogi.



25-9503-Z5-M1



25-9503-14-M1



JAMBO

25-9742-Z5-M1

E-27 max. 18W / max. L=120mm Ø=50
Fluorescent

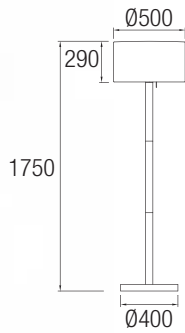
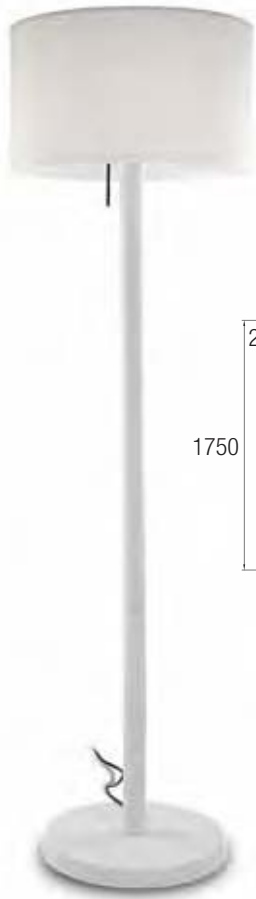
A++ >>> C



P. 707







SMOOTH

25-9642-14-M1

LED 5W RGB A++>>A

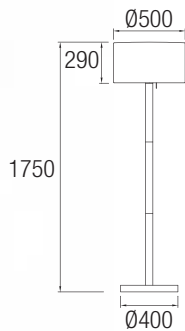
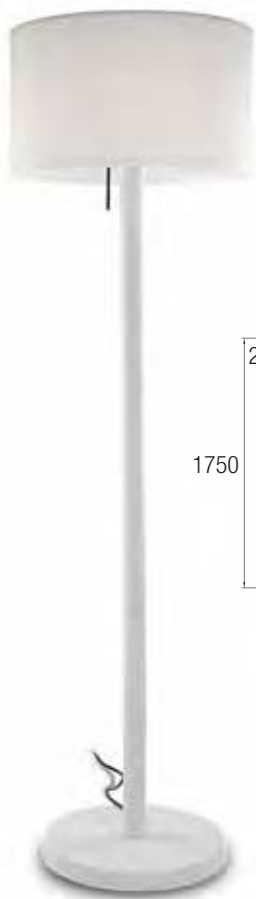
+
E-27 max. 30W / max. L=170mm
Fluorescent

A++>>C



Interruptor incluido./ Switch included./ Interrupteur fourni./ Inkl. Schalter./
Interruttore incluso./ Interruptor incluido./ В комплект входит выключатель.
/ Zawiera wyłącznik.

Base para fijar al suelo incluida./ Base for fixing in the ground included./
Socle à fixer au sol fourni./ Bodenplatte zur Befestigung am Boden
mitgeliefert./ Base di fissazione a pavimento inclusa./ Base para fixar ao
chão incluida./ В комплект входит основа для фиксации к полу./ Zawarta
podstawa do przymocowania do podłogi.



SMOOTH

25-9614-14-M1

E-27 max. 100W / max. L=170mm
Halogen - Fluorescent

A++>>C

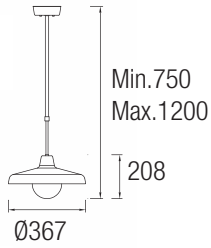


Interruptor incluido./ Switch included./ Interrupteur fourni./ Inkl. Schalter./
Interruttore incluso./ Interruptor incluido./ В комплект входит выключатель.
/ Zawiera wyłącznik.

Base para fijar al suelo incluida./ Base for fixing in the ground included./
Socle à fixer au sol fourni./ Bodenplatte zur Befestigung am Boden
mitgeliefert./ Base di fissazione a pavimento inclusa./ Base para fixar ao
chão incluida./ В комплект входит основа для фиксации к полу./ Zawarta
podstawa do przymocowania do podłogi.





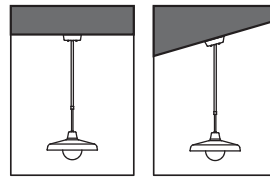
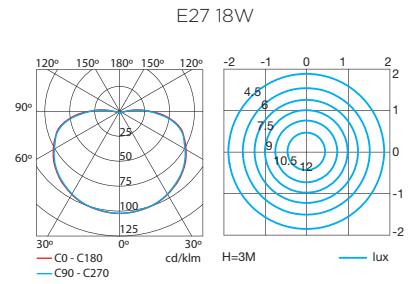


JAMBO

00-9742-Z5-M1 ■

E-27 max. 18W / max. L=120mm Ø=50mm
Fluorescent

A++ >>> C

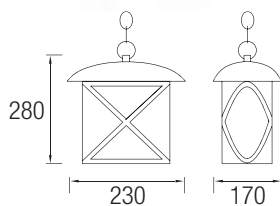


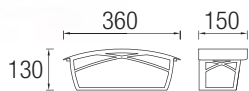
CROSS

00-9295-18-M3^(S) ■

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

A++ >>> C



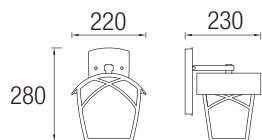


ALBA

05-9351-18-AA ■

E-27 max. 100W / max. Ø=60mm
Halogen - Fluorescent - LED

A++ >>> C



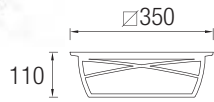
ALBA

05-9350-18-AA ■

E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

A++ >>> C



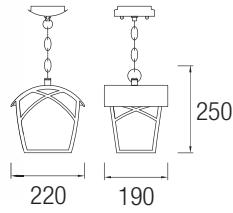
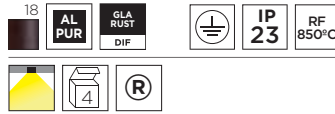


ALBA

15-9350-18-AA

2 x E-27 max. 100W /
max. L=200mm Ø=52mm
Halogen - Fluorescent

A++>>>C

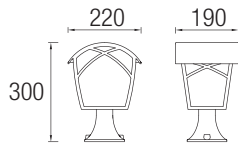
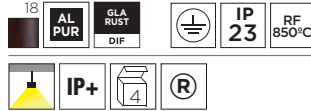


ALBA

00-9350-18-AA

E-27 max. 100W / max. L=165mm
Halogen - Fluorescent - LED

A++>>>C

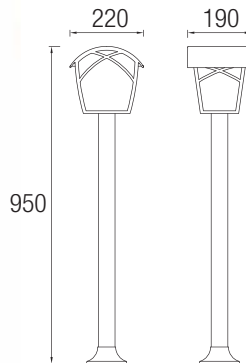
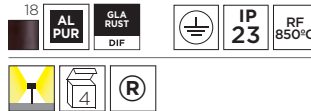


ALBA

10-9350-18-AA

E-27 max. 100W / max. L=160mm
Halogen - Fluorescent

A++>>>C



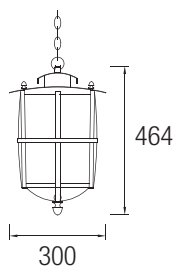
ALBA

55-9350-18-AA

E-27 max.100W / max. L=160mm
Halogen - Fluorescent

A++>>>C



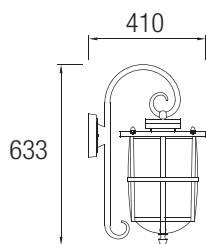


RUSTICA NEW

00-9866-18-M3 ■

E-27 max. 20W / max. L=165mm
Fluorescent

A++ >>> C

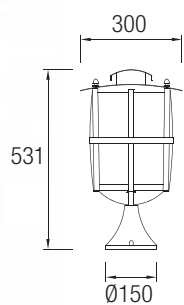


RUSTICA NEW

05-9866-18-M3 ■

E-27 max. 20W / max. L=165mm
Fluorescent

A++ >>> C



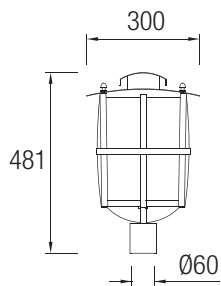
RUSTICA NEW

10-9866-18-M3 ■

E-27 max. 20W / max. L=165mm
Fluorescent

A++ >>> C





RUSTICA NEW

60-9866-18-M3

E-27 max. 20W / max. L=165mm
Fluorescent

A++ C



55-9866-18-18

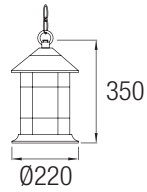
Column / Column / Mât / Säule / Colonna / Coluna / Колонна / Stup



Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für komplette Laterne Art.-Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9866-18-37 + 55-9866-18-18



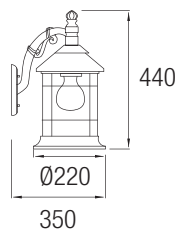


ANDREA

00-9785-18-AA ■

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

A++ >>> C

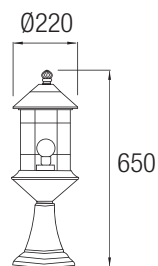
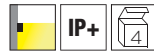


ANDREA

05-9785-18-AA ■

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

A++ >>> C



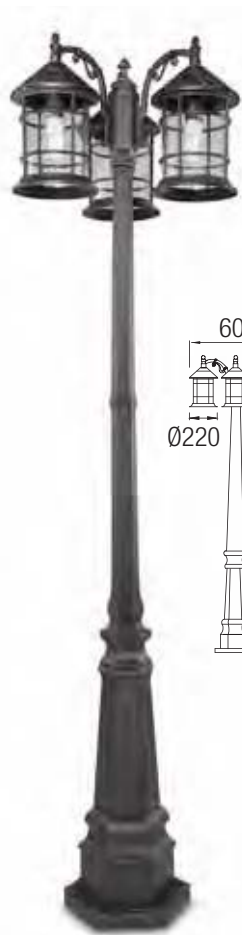
ANDREA

10-9785-18-AA ■

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent

A++ >>> C





ANDREA

60-9786-18-AA ■

3 x E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

A++ >>> C



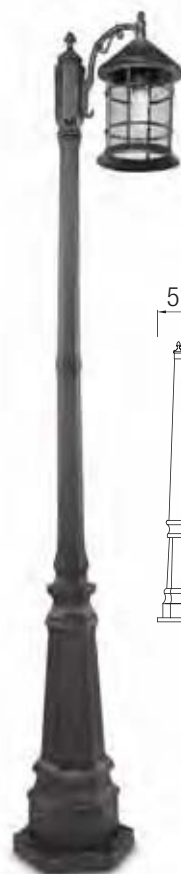
55-9151-18-18 ■

Columna / Column / Mât / Säule / Colonna / Coluna /
Колонна / Stup



Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für komplette Laterne Art.-Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9786-18-AA + 55-9151-18-18



ANDREA

60-9785-18-AA ■

E-27 max. 100W / max. L=180mm
Halogen - Fluorescent - LED

A++ >>> C



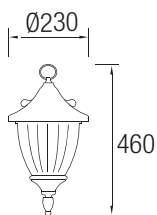
55-9151-18-18 ■

Columna / Column / Mât / Säule / Colonna / Coluna /
Колонна / Stup



Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für komplette Laterne Art.-Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9785-18-AA + 55-9151-18-18

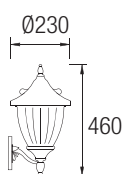
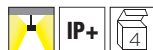


GALATEA

00-9151-18-E7

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent

A++ >>> C

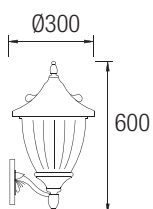


GALATEA

05-9151-18-E7

E-27 max. 100W / max. L=167mm
Halogen - Fluorescent

A++ >>> C

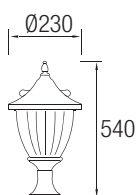


GALATEA

05-9152-18-E7

3 x E-14 max. 60W / max. L=120mm Ø=35mm
Halogen - Fluorescent

A++ >>> C



GALATEA

10-9151-18-E7

E-27 max. 100W / max. L=167mm
Halogen - Fluorescent

A++ >>> C





GALATEA

60-9151-18-E7

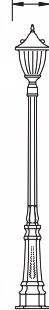
3 x E-14 max. 60W / max. L=120mm Ø35mm
Halogen - Fluorescent

A++ C

18 AL INJ GLA DIF IP 23 RF 850°C



Ø300



2520

55-9151-18-18

Columna / Column / Mât / Säule / Colonna / Coluna / Колонна / Slup

18 42

Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für eine komplette Mastleuchte bitte die folgenden Artikel - Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9151-18-E7 + 55-9151-18-18



GALATEA

60-9152-18-E7

3 x E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent

A++ C

18 AL INJ GLA DIF IP 23 RF 850°C



Ø650



2380

55-9151-18-18

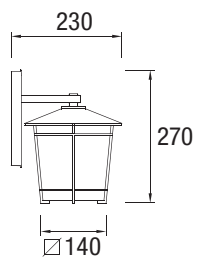
Columna / Column / Mât / Säule / Colonna / Coluna / Колонна / Slup

18 42

Para farola completa pedir códigos / For a complete lamp post, order both codes. / Pour le réverbère complet, demander les codes / Für eine komplette Mastleuchte bitte die folgenden Artikel - Nr. bestellen / Per il lampione completo ordinare i codici / Para poste de iluminação exterior completo pedir códigos / Для заказа фонаря целиком запрашивайте следующие артикулы / Dla pełnej latarni zamówić kody

60-9152-18-E7 + 55-9151-18-18





JANNA

05-9447-18-M3 ■

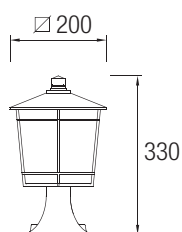
E-27 max. 18W / max. L=165mm
Fluorescent - LED

A++ >>> C

18	AL PUR	PC MAT DIF	⏚	IP 23	RF 850°C
■	IP+	6	®		



OUTDOOR | CLASSIC



JANNA

10-9447-18-M3 ■

E-27 max. 18W / max. L=160mm
Fluorescent - LED

A++ C

18	AL PUR	PC MAT DIF		IP 23	RF 850°C



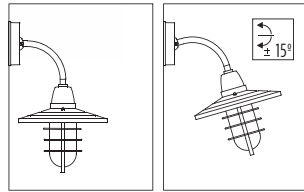


COTTAGE NEW

05-9868-CC-B8 ■

E-27 max. 20W / max. L=140mm Ø=56mm
Fluorescent

A++ >>> C



TRITON

05-8959-05-37 ■

E-27 max. 100W / max. L=152 mm Ø=50mm
Halogen - Fluorescent

A++ >>> C



SIRENA

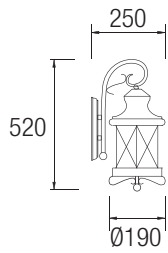
05-9104-18-M2 ■

E-27 max. 60W / max. L=140mm Ø=51mm
Halogen - Fluorescent

A++ >>> C





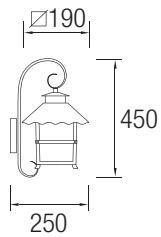


MORFEO

05-9175-18-AA ■

3 x E-14 max. 60W / max. L=120mm Ø=35mm
Halogen - Fluorescent - LED

A++ >>> C

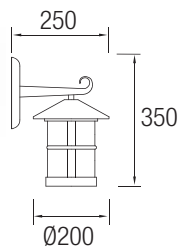


PERSEFONE

05-9202-18-AA ■

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

A++ >>> C



ITACA

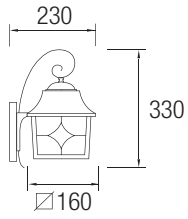
05-9132-18-AA ■

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

A++ >>> C





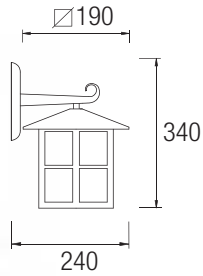
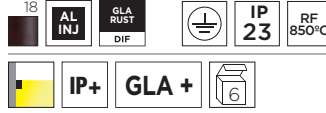


CASTELO

05-9124-18-37 ■

E-27 max. 100W / max. L=117mm Ø=45mm
Halogen - Fluorescent - LED

A++ >>> C

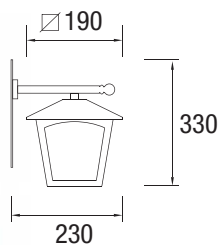
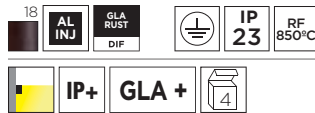


ODISEO

05-9126-18-AA ■

E-27 max. 100W / max. L=152mm Ø=50mm
Halogen - Fluorescent - LED

A++ >>> C



EDIPO

05-9149-18-AA ■

E-27 max. 100W / max. L=140mm Ø=51mm
Halogen - Fluorescent - LED

A++ >>> C





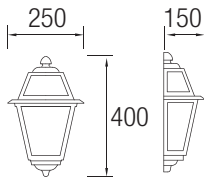


OCEANO

05-9158-18-AA ■

E-27 max. 100W / max. L=167mm Ø=51mm
Halogen - Fluorescent - LED

A++ >>> C

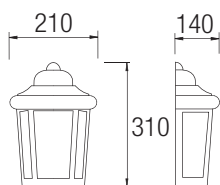


PERSEO

05-8762-18-37 ■

E-27 max. 100W / max. L=152mm Ø=50mm
Halogen - Fluorescent - LED

A++ >>> C





LAMPS

LÁMPARAS

LAMPES

LEUCHTMITTEL

LAMPADINE

LÂMPADAS

ЛАМПЫ

ŻARÓWK

AR LED

AR-111 G53 10W **AR-111 GU10 10W** **AR-111 G53 15W** **AR-111 GU10 15W**

24° W WHITE +40°C / -30°C 24h 100% Dimming

35° SHARP Led

10W = equivalente a as bright as 50w Halogen
 15W = equivalente a as bright as 75w Halogen



AR-111 G53



AR-111 GU10



AR-111

		V	W	K	XX°	CRI	I (cd)	lm	☑	T _c	Dimming
ACT-FLL-015	GU10	220-240	10	3000K	24°	>85	4200	532	>30000	61°	L
ACT-FLL-017	GU10	220-240	10	3000K	35°	>85	2000	483	>30000	61°	L



AR-111

		V	W	K	XX°	CRI	I (cd)	lm	☑	T _c	Dimming
ACT-FLL-032	GU10	220-240	15	3000K	24°	>85	6000	802	>30000	72°	L
ACT-FLL-033	GU10	220-240	15	3000K	35°	>85	3000	892	>30000	72°	L



AR-111

		V	W	K	XX°	CRI	I (cd)	lm	☑	T _c
ACT-FLL-011	G53	12	10	3000K	24°	>85	4200	532	>30000	61°
ACT-FLL-013	G53	12	10	3000K	35°	>85	2000	483	>30000	61°



AR-111

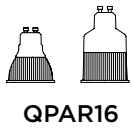
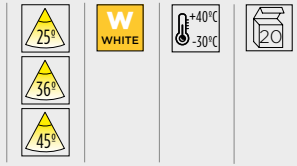
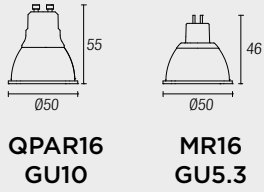
		V	W	K	XX°	CRI	I (cd)	lm	☑	T _c
ACT-FLL-030	G53	12	15	3000K	24°	>85	6000	802	>30000	73°
ACT-FLL-031	G53	12	15	3000K	35°	>85	3000	892	>30000	73°

1 Driver = 1 G53

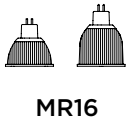


71-3281-00-00	230-240V	IP 20	☐	☑	20,5 x 36 x 110mm
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QPAR16 / MR16 LED



		W	K	V		CRI		T _c	
ACT-FLL-024	GU10	5	3.000	110-240	25°	>85	>30000	83°	-
ACT-FLL-025	GU10	5	3.000	110-240	45°	>85	>30000	83°	-
ACT-FLL-026	GU10	7	3.000	110-240	25°	>85	>30000	83°	-
ACT-FLL-027	GU10	7	3.000	110-240	36°	>85	>30000	83°	-
ACT-FLL-028	GU10	7	3.000	220-240	25°	>85	>30000	83°	
ACT-FLL-029	GU10	7	3.000	220-240	36°	>85	>30000	83°	



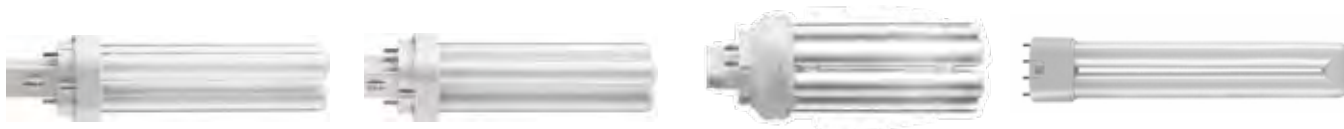
		W	K	V		CRI		T _c	
ACT-FLL-020V1	GU5.3	5	3.000	12	25°	>85	>30000	83°	-
ACT-FLL-021V1	GU5.3	5	3.000	12	45°	>85	>30000	83°	-
ACT-FLL-022	GU5.3	7	3.000	12	25°	>85	>30000	83°	-
ACT-FLL-023	GU5.3	7	3.000	12	36°	>85	>30000	83°	-

1 Driver = 1 GU5.3



ACT-TRA-002	230-240V				37 x 28 x 128 mm
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TC-D

TC-DEL

TC-TEL

TC-L

Fluorescente compacta para balastro magnético / Compact fluorescent for magnetic gear / Fluocompacte pour ballast magnétique / Kompaktleuchtstofflampen für magnetisches Vorschaltgerät / Fluorescente compatta per ballast magnetico. / Fluorescente compacta para balastro magnético / Компактная люминесцентная лампа для применения с магнитным балластом / Świetłówka kompaktowa dla statecznika magnetycznego

		W	K	V	lm		Ø (mm)	L (mm)			
 TC-D	ACT-FLF-003	G24d-2	18	3.000	230	1.200	8.000	34 x 34	153	10	174 x 81 x 186
	ACT-FLF-004	G24d-2	18	3.000	230	1.200	8.000	34 x 34	153	10	174 x 81 x 186
	ACT-FLF-005	G24d-3	26	3.000	-	1.800	8.000	-	149	10	192 x 81 x 186
	ACT-FLF-006	G24d-3	26	4.000	-	1.800	8.000	-	149	10	192 x 81 x 186

Fluorescente compacta para balastro electrónico / Compact fluorescent for electronic gear / Fluocompacte pour ballast électronique / Kompaktleuchtstofflampen für elektronisches Vorschaltgerät / Fluorescente compatta per ballast elettronico. / Fluorescente compacta para balastro eletrônico / Компактная люминесцентная лампа для применения с электронным балластом / Świetłówka kompaktowa dla statecznika elektronicznego

		W	K	V	lm		Ø (mm)	L (mm)			
 TC-DEL	ACT-FLF-009	G24q-2	18	830	230	1.200	10.000	34 x 34	146	10	174 x 81 x 186
	ACT-FLF-010	G24q-2	18	840	230	1.200	10.000	34 x 34	146	10	174 x 81 x 186
	ACT-FLF-011	G24q-3	26	3.000	-	1.800	10.000	-	149	10	192 x 81 x 186
	ACT-FLF-012	G24q-3	26	4.000	-	1.800	10.000	-	149	10	192 x 81 x 186

		W	K	V	lm		Ø (mm)	L (mm)			
 TC-TEL	ACT-FLF-013	GX24q-3	26	830	230	1.800	10.000	49 x 45	131	10	156 x 101 x 256
	ACT-FLF-014	GX24q-3	26	840	230	1.800	10.000	49 x 45	131	10	156 x 101 x 256

Fluorescente compacta no integrada (cfl-ni) / Compact fluorescent non integrated (cfl-ni) / Fluocompacte non intégrée (cfl-ni) / Fluoreszierende Kompaktlampe nicht enthalten / Fluorescente compatta non integrata (cfl-ni) / Lâmpada fluorescente compacta não integrada (cfl-ni) / Компактная люминесцентная лампа без встроенного балласта (cfl-ni) / Świetłówka kompaktowa niezintegrowana (cfl-ni)

		W	K	V	lm		Ø (mm)	L (mm)			
 TC-L	ACT-FLF-021	2G11	18	3.000	-	1.200	8.000	17,5	217	10	260 x 103 x 136
	ACT-FLF-022	2G11	24	3.000	-	1.800	8.000	17,5	317	10	365 x 107 x 140
	ACT-FLF-023	2G11	40	3.000	-	3.500	8.000	17,5	533	10	581 x 107 x 140



PL E27



GLOBE E27



E-27 LED



equivalente a
as bright as
60W Incandescent



GX53

Fluorescente compacta integrada (CFL-i) / Compact fluorescent integrated (CFL-i) / Fluocompacte intégrée (CFL-i) / Fluoreszierende Kompaktlampe enthalten (CFL-i) / Fluorescente compatta integrata (CFL-i) / Lâmpada fluorescente compacta integrada (CFL-i) / Компактная люминесцентная лампа со встроенным балластом (CFL-i) / Świetłówka kompaktowa zintegrowana (CFL-i)

		W	K	V	lm		Ø (mm)	L (mm)			
 PL E27	ACT-FLF-042	E27	11	2.500	220-240	660	20.000	45	117	10	145 x 102 x 242
	ACT-FLF-043	E27	14	2.500	220-240	820	20.000	45	131	10	145 x 102 x 242
	ACT-FLF-044	E27	22	2.500	220-240	1.440	20.000	58	176	10	194 x 127 x 310

		W	K	V	lm		Ø (mm)	L (mm)			
 GLOBE E27	ACT-FLF-045	E27	18	2.500	220-240	1.060	10.000	120	170	10	179 x 259 x 630

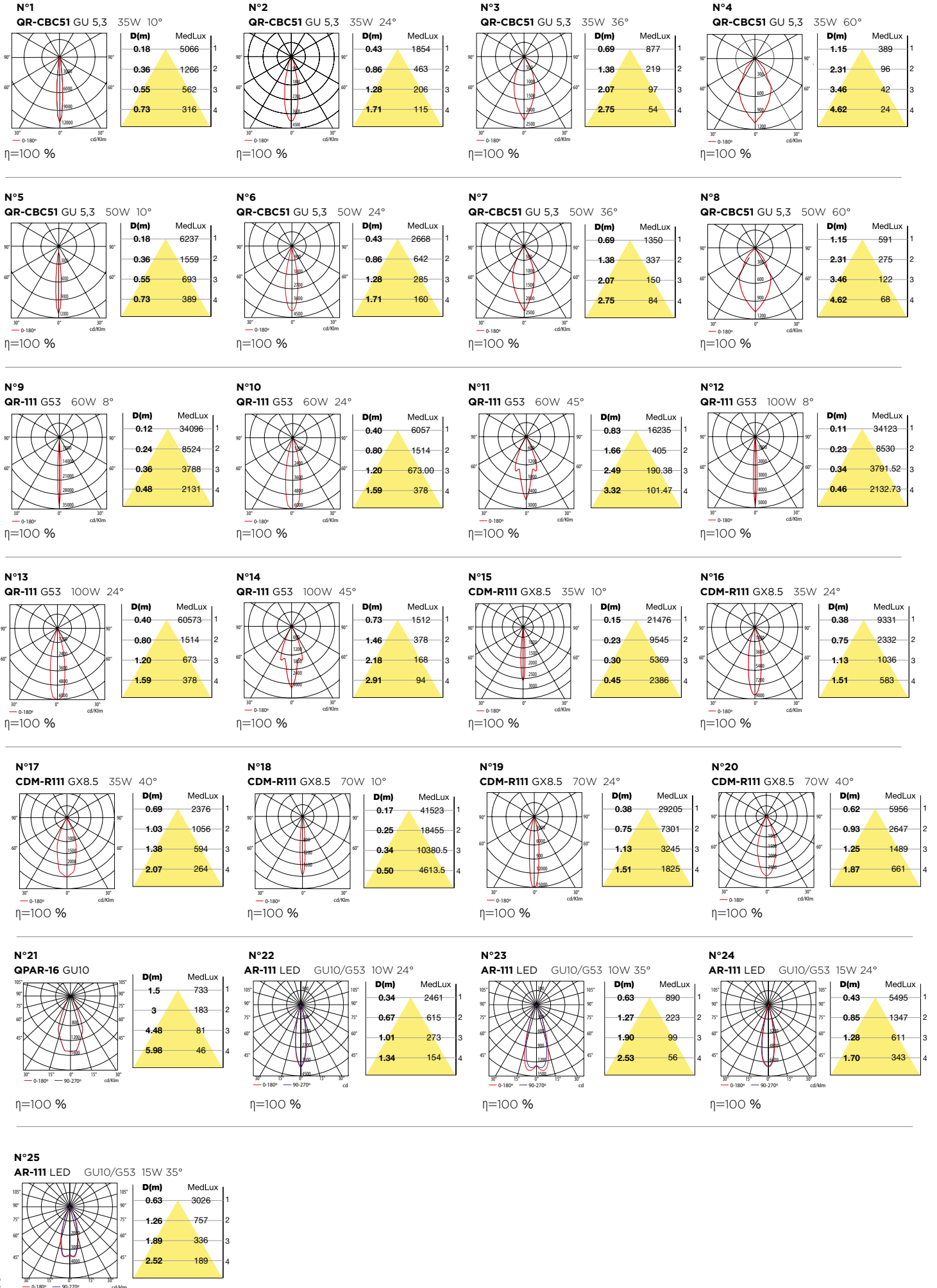
Lámparas LED / LED Lamps / Lampes LED / LED-Lampen / Lampade LED / Lâmpadas LED / СД лампы / Lampy LED

		W	K	V		lm	CRI		T _c	Ø (mm)	L (mm)			
 E-27	ACT-FLL-049	E27	7	4.000	100-240	260°	630	> 85	>30.000	70°	60	115	10	340 x 140 x 130
	ACT-FLL-050	E27	7	3.000	100-240	260°	630	> 85	>30.000	70°	60	115	10	340 x 140 x 130

		W	K	V		lm	CRI		Ø (mm)	L (mm)			
 GX53	ACT-FLL-019	GX53	4	4.000	220-240		250	> 85	15.000	75	25	10	660 x 182 x 250



DATOS FOTOMÉTRICOS / PHOTOMETRIC DATA / DONNÉES PHOTOMÉTRIQUES / FOTOMETRISCHE DATEN / DATI FOTOMETRICI / DATOS FOTOMÉTRICOS / ФОТОМЕТРИЧЕСКИЕ ДАННЫЕ / DANE FOTOMETRYCZNE





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ЭЛЕКТРООБОРУДОВАНИЕ / АКЦЕССУАРЫ
CZĘŚCI ELEKTRYCZNE / AKCESORIA

Tabla para la selección de driver.

Número máximo de piezas que pueden trabajar con cada equipo.

Entre paréntesis (x) valor para 100-127V. Todas las piezas se conectan en serie. Para un buen funcionamiento de la instalación, un técnico cualificado debe realizar el dimensionado de la instalación en referencia a la sección del cableado y distancias entre equipos y piezas.

Algunos drivers son multi-intensidad, por lo que debe seleccionarse la corriente adecuada según se indica en el etiquetaje de las piezas.

Driver selection table.

Maximum number of pieces that can work with each driver.

In brackets (x) value for 100-127V. All elements are connected in series. For the installation to work properly, a qualified technician must carry out the installation measurement with reference to the wiring section and the distances between equipment and pieces.

Some drivers are multicurrent, so that the right current must be chosen as shown in the labelling of the pieces.

Tableau de sélection du driver.

Nombre maximum de pièces pouvant fonctionner avec chaque appareil.

Entre parenthèses (x) valeur pour 100-127 V. Toutes les pièces sont reliées en série. Pour un bon fonctionnement de l'installation, un technicien qualifié doit en assurer le dimensionnement en fonction de la section de câblage et des distances entre appareillages et pièces.

Certains drivers étant multi-intensité, il convient de sélectionner le courant adapté comme indiqué sur l'étiquette des pièces.

Tabelle für die Auswahl des Treibers.

Maximale Anzahl an Teile, die an ein Gerät angeschlossen werden können.

In Klammern (x) Wert für 100-127 V. Alle Teile werden in Reihe geschaltet. Für den einwandfreien Betrieb der Installation muss die Installation entsprechend dem Kabelquerschnitt und den Abständen der Aggregate und Teile untereinander von einem qualifizierten Elektriker ausgelegt werden.

Einige der Driver sind Geräte für verschiedene Stromstärken und die Stromstärke muss entsprechend der Kennzeichnung der Teile eingestellt werden.

ON/OFF																
GEAR CODE	71-4704	71-3922	71-4807	71-3309	71-3308	71-3923	71-4813	71-4816	71-4894	71-4896	71-4897	71-4890	71-4891	71-4892	71-3542	
INPUT (V)	100V 240V	100V 240V	100V 240V	220V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	100V 240V	
IP	IP20	IP20	IP68	IP20	IP20	IP20	IP68	IP68	IP20	IP20	IP20	IP20	IP20	IP20	IP20	
PAGE	780	780	780	780	780	780	780	780	780	780	780	780	780	780	780	
CURRENT	350mA		500mA		700mA				800mA	900mA	1000mA	1200mA	1400mA	350-1050mA		
A	max12 (8)	max6	max3												max20	
B	max12 (8)	max6	max3	max9	max7 (4)	max3	max1	min2/ max3							max18 (14)	
C									max1	max1	max1	max1	max1	max1		
E					max2 (1)	max1			min3/ max4						max6 (5)	
F	max3 (2)	max1		max2	max1										max4 (3)	
G																
H	max4 (3)	max2	max1												max7	
I	max1 (0)														max1	
J				max2	max2 (1)		max1								max5 (4)	
K				max1	max1 (0)										max2	
L									max1						max1	
M									max1						max1	
N									max1	max1	max1	max1			max1 (0)	
O									max1	max1					max1	
P									max1	max1	max1				max1	
Q									max1	max1	max1	max1	max1			
S											max1	max1			max1	

Tabella per la selezione del driver.

Numero massimo di pezzi che possono funzionare con ciascun dispositivo.

Tra parentesi (x) valore per 100-127V. Tutti i pezzi si collegano in successione. Per un buon funzionamento dell'impianto, un tecnico qualificato deve progettare il dimensionamento dell'impianto in riferimento alla sezione del cablaggio e delle distanze tra dispositivi e pezzi.

Alcuni driver sono multi-intensità, pertanto si deve selezionare la corrente adeguata come indicato sull'etichetta dei pezzi.

Tabella para a seleção de driver.

Número máximo de peças que podem funcionar com cada driver.

Entre parenteses (x) valor para 100-127V. Todas as peças devem ser ligadas em série. Para um bom funcionamento da instalação um técnico qualificado deve avaliar e dimensionar correctamente a secção do cabo e as distâncias entre aparelhos e drivers.

Alguns drivers, são multi-intensidade, por isso deve ser escolhida a corrente adequada em função da informação que consta da etiqueta dos aparelhos.

Таблица для выбора драйвера.

Максимальное количество единиц, которые могут работать с каждым устройством.

В скобках (x) величина для 100-127В. Все части соединены последовательно. Для обеспечения оптимальной работы оборудования, квалифицированный специалист должен произвести замеры, установить сечение проводов и расстояние между устройствами и элементами.

Некоторые драйверы рассчитаны на разные показатели напряжения, поэтому необходимо выбирать электросеть, согласно указаниям на этикетках элементов.

Tablica dla wybrania sterownika.

Maksymalna ilość elementów jakie mogą pracować z każdym osprzętem.

W nawiasie (x) wartość dla 100-127V. Wszystkie elementy podłączane są szeregowo. Dla właściwego działania instalacji wykwalifikowany technik powinien wykonać pomiar instalacji pod względem przekroju kabli i odległości pomiędzy urządzeniami i elementami.

Niektóre sterowniki są o kilku natężeniach, dlatego należy wybrać odpowiedni prąd w zależności od tego, co wskazane jest na etykietce elementów.




DIMMABLE								
	1-10V PUSH	DALI 1-10V PUSH	1-10V PUSH	DALI 1-10V PUSH	CORTE DE FASE / MAINS DIMMING / PHASE CUT			
	71-3475	71-4706	71-4708	71-2413	71-4899	71-4900	71-4928	GEAR CODE
	100V 240V	100V 240V	100V 240V	100V 240V	220V 240V	220V 240V	220V 240V	INPUT (V)
	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP
	781	781	781	781	781	781	781	PAGE
	350- 700mA	350-1050mA		1050- 2100mA	700mA	350mA	700mA	CURRENT 
	max12	max20	max20			min5/max11		A
	max9 (5)	max18 (14)	max18 (14)		min3/max3			B
			max1	max1 (0)			max1	C
	max3 (2)	max6 (5)	max6 (5)		max1		min3/max4	E
	max2 (1)	max4 (3)	max4 (3)			min2/max2		F
		max1	max1				max1	G
	max4	max7	max7			min3/max4		H
	max1	max1	max1			max1		I
	max2 (1)	max5 (4)	max5 (4)		max1		min2/max3	J
	max1 (0)	max2	max2			max1	max1	K
		max1	max1				max1	L
		max1	max1				max1	M
		max1 (0)	max1 (0)	max1 (0)				N
		max1	max1				max1	O
		max1	max1				max1	P
				max1 (0)				Q
		max1	max1					S



Tabla para la selección de fuentes de alimentación y/o controladores
Power supply and controller selection table
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Tabela doboru zasilaczy i kontrolerów



POWER SUPPLY							
CODE	71-0038-00-00	71-0039-00-00	71-0063-00-00	71-0064-00-00	71-4038-00-00	71-0065-00-00	71-0066-00-00
							
VOLTAGE	24	24	24	24	24	24	24
WATTAGE	26,4	52,8	76,8	156	150	240	312
IP	IP20	IP20	IP20	IP20	IP67	20	20
PAGE	782	782	782	782	782	782	782

PRODUCT CODE	SERIE	VERSION	V	W	L(m)	W/M	MIN CUT (mm)	MAX METERS IN SERIE	MAX METER VS POWER SUPPLY						
									5,5mts	11mts	16mts	32mts	31mts	50mts	65mts
91-0150-00-00	ON ECO	WW	24	24	5	4,8	100	20	5,5mts	11mts	16mts	32mts	31mts	50mts	65mts
91-0171-00-00	ON IP ECO	CW	24	24	5	4,8	100	20	5,5mts	11mts	16mts	32mts	31mts	50mts	65mts
91-0175-00-00	ON IP ECO	WW	24	24	5	4,8	100	20	5,5mts	11mts	16mts	32mts	31mts	50mts	65mts
91-2361-00-00	ON HP	WW	24	48	5	9,6	50	10	2,7mts	5,5mts	8mts	16mts	15mts	25mts	32mts
91-2365-00-00	ON HP	CW	24	48	5	9,6	50	10	2,7mts	5,5mts	8mts	16mts	15mts	25mts	32mts
91-2379-00-00	ON HP	RGB	24	72	5	14,4	100	5	1,8mts	3,6mts	5,3mts	10mts	10mts	16mts	21mts
91-2491-00-00	ON IP ECO	RGB	24	36	5	7,2	166	10	3,6mts	7,3mts	10mts	21mts	20mts	33mts	43mts
91-2492-00-00	ZENIT	White	24	48	5	9,6	100	10	2,7mts	5,5mts	8mts	16mts	15mts	25mts	32mts
91-3227-00-00	FACADE	WW	24	54	15	3,6	168	15	7,3mts	14mts	21mts	43mts	41mts	66mts	86mts
91-3244-00-00	FACADE	WW	24	54	15	3,6	168	15	7,3mts	14mts	21mts	43mts	41mts	66mts	86mts
91-3282-00-00	ON HP	WW	24	48	5	9,6	50	10	2,7mts	5,5mts	8mts	16mts	15mts	25mts	32mts
91-4671-00-00	ON	WW	24	24	5	4,8	100	20	5,5mts	11mts	16mts	32mts	31mts	50mts	65mts
91-4763-00-00	ON HP IP	WW	24	48	5	9,6	50	10	2,7mts	5,5mts	8mts	16mts	15mts	25mts	32mts
91-4764-00-00	ON SP	WW	24	140	5	28	50	5	0,9mts	1,8mts	2,7mts	5,5mts	5,3mts	8,5mts	11mts
91-4765-00-00	ON SP IP	WW	24	140	5	28	50	5	0,9mts	1,8mts	2,7mts	5,5mts	5,3mts	8,5mts	11mts

	CONTROLLERS								
	WHITE						RGB		
	71-0017-00-00	71-0727-00-00	71-3473-00-00	71-1553-00-00	71-3467-00-00	71-3468-00-00	71-0019-00-00	71-3493-00-00	71-1553-00-00
	Controller with remote control	1-10V Controller	DALI Controller	Amplifier	Zenit controller with remote control	Zenit Amplifier	Controller with remote control	DMX Controller	Amplifier
	12(144W)	12(156W)	12(60W)	12(48W)	12(120W)	12(120W)	12(216W)	12(72W)	12(144W)
	24(288W)	24(312W)	24(120W)	24(96W)	24(240W)	24(240W)	24(432W)	24(144W)	24(288W)
	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20
	789	789	789	789	202	202	786	786	789
	MAX METER VS CONTROLLER								
	60mts	65mts	25mts	20mts					
	60mts	65mts	25mts	20mts					
	60mts	65mts	25mts	20mts					
	30mts	32mts	12mts	10mts					
	30mts	32mts	12mts	10mts					
							30mts	10mts	20mts
							60mts	20mts	40mts
					25mts	25mts			
	80mts	86mts	33mts	26mts					
	80mts	86mts	33mts	26mts					
	30mts	32mts	12mts	10mts					
	60mts	65mts	25mts	20mts					
	30mts	32mts	12mts	10mts					
	10mts	11mts	4,2mts	3,4mts					
	10mts	11mts	4,2mts	3,4mts					



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POWER SUPPLY								
CODE	71-3479-00-00	71-0038-00-00	71-0039-00-00	71-0063-00-00	71-0064-00-00	71-4038-00-00	71-0065-00-00	71-0066-00-00
								
VOLTAGE	12	24	24	24	24	24	24	24
WATTAGE	100	26,4	52,8	76,8	156	150	240	312
IP	IP67	IP20	IP20	IP20	IP20	IP67	20	20
PAGE	782	782	782	782	782	782	782	782

PRODUCT CODE	SERIE	VERSION	V	W	L(m)	W/M	MAX PCS IN SERIE	MAX PCS VS POWER SUPPLY							
05-1544-54-H6	TRON	RGB	24	30	0,5		4			max1	max2	max5	max3	max8	max10
05-1546-54-H6	TRON	NW	24	24	0,5		4		max1	max2	max3	max6	max6	max10	max13
05-1547-54-H6	TRON	WW	24	24	0,5		4		max1	max2	max3	max6	max6	max10	max13
05-1548-54-H6	TRON	RGB	24	60	1		2			max1	max2	max2	max4	max5	
05-1549-54-H6	TRON	NW	24	48	1		2		max1	max1	max3	max3	max5	max6	
05-1552-54-H6	TRON	WW	24	48	1		2		max1	max1	max3	max3	max5	max6	
05-2494-54-H6	RAY	NW	24	48	0,378		2		max1	max1	max3	max3	max5	max6	
05-2498-54-H6	RAY	RGB	24	60	0,378		2			max1	max2	max2	max4	max5	
05-2499-54-H6	RAY	WW	24	48	0,378		2		max1	max1	max3	max3	max5	max6	
91-3408-54-M2	ION	WW	12	14,4	1	14,4	3	max6							
91-3411-54-M2	ION	WW	12	7,2	0,5	7,2	6	max13							

	CONTROLLERS						
	WHITE				RGB		
	71-0017-00-00	71-0727-00-00	71-3473-00-00	71-1553-00-00	71-0019-00-00	71-3493-00-00	71-1553-00-00
	Controller with remote control	1-10V Controller	DALI Controller	Amplifier	Controller with remote control	DMX Controller	Amplifier
	12(144W)	12(156W)	12(60W)	12(48W)	12(216W)	12(72W)	12(144W)
	24(288W)	24(312W)	24(120W)	24(96W)	24(432W)	24(144W)	24(288W)
	IP20	IP20	IP20	IP20	IP20	IP20	IP20
	789	789	789	789	786	786	789
	MAX PCS VS CONTROLLER						
					max14	max4	max9
	max12	max13	max5	max4			
	max12	max13	max5	max4			
					max7	max2	max4
	max6	max6	max2	max2			
	max6	max6	max2	max2			
	max6	max6	max2	max2			
					max7	max2	max4
	max6	max6	max2	max2			
	max6	max6	max4	max3			
	max12	max12	max8	max6			



ON-OFF / ВКЛ/ВЫКЛ / WŁĄCZ/WYŁĄCZ



	71-4704-00-00	IP 20		28 x 38 x 125 mm
	71-3922-00-00	IP 20		19,1 x 38,6 x 79,4 mm
	71-4807-00-00	IP 68		25,5 x 43,5 x 79 mm
	71-3309-00-00	IP 20		28 x 37 x 128 mm
	71-3308-00-00	IP 20		28 x 38 x 127 mm
	71-3923-00-00	IP 20		19,1 x 38,6 x 79,4 mm
	71-4813-00-00	IP 68		25,5 x 43,5 x 79 mm
	71-4816-00-00	IP 68		25,5 x 43,5 x 79 mm
	71-4894-00-00	IP 20		27,5 x 45 x 140 mm
	71-4896-00-00	IP 20		36 x 54 x 157 mm
	71-4897-00-00	IP 20		36 x 54 x 157 mm
	71-4890-00-00	IP 20		32 x 74,5 x 128,9 mm
	71-4891-00-00	IP 20		32 x 74,5 x 128,9 mm
	71-4892-00-00	IP 20		32 x 74,5 x 128,9 mm
	71-3542-00-00	IP 20		22 x 79 x 124,5 mm

Regulable / Dimmable / Régulable / Dimmbar / Regolabile / Regulável / Регулируемый / Ściemniany



71-4900-00-00



CORTE DE FASE /
MAINS DIMMING /
PHASE CUT

29,5 x 51 x 101,5 mm



71-4899-00-00



CORTE DE FASE /
MAINS DIMMING /
PHASE CUT

25 x 53 x 119 mm



71-4928-00-00



CORTE DE FASE /
MAINS DIMMING /
PHASE CUT

36 x 54 x 153 mm



71-3475-00-00



22 x 67 x 103 mm



71-4708-00-00



21 x 79 x 123,5 mm



71-4706-00-00



21 x 79 x 123,5 mm

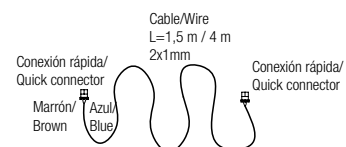


71-2413-00-00



35 x 83 x 163 mm

CABLE PARA SINCRONIZACIÓN, SERVIDO SEPARADAMENTE
CABLE FOR SYNCHRONISING SLAVE REGULATORS
CÂBLE DE SYNCHRONISATION FOURNI SÉPARÉMENT
KABEL FÜR DIE SYNCHRONISIERUNG VON SLAVE-REGLERN
CAVO PER SINCRONIZZAZIONE, FORNITO SEPARATAMENTE
CAVO PARA SINCRONIZAÇÃO, FORNECIDO EM SEPARADO
СИНХРОНИЗИРУЮЩИЙ КАБЕЛЬ, ПОСТАВЛЯЕТСЯ ОТДЕЛЬНО
PRZEWÓD DLA SYNCHRONIZOWANIA, DOSTARCZANY ODDZIELNIE



71-3476-00-00 1,5m cable

71-4707-00-00 4m cable



**12
VDC****Fuentes de alimentación / Power supply / Sources d'alimentation / Netzgeräte / Fonti di alimentazione / Fontes de alimentação / Источники питания / Zasilacze**

71-3479-00-00	110-264VAC	47-63 Hz	8,3 A	100W		IP 67	-	34 x 60 x 240 mm
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71-9198-05-05	230V	50 Hz	1,6 A	20W		IP 68	1m	-	149 x 115 x 115 mm
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**24
VDC****Fuentes de alimentación / Power supply / Sources d'alimentation / Netzgeräte / Fonti di alimentazione / Fontes de alimentação / Источники питания / Zasilacze**

71-0038-00-00	100-240VAC	47-63 Hz	1,1 A	26,4W		IP 20	-	28 x 51 x 92 mm
71-0039-00-00	100-240VAC	47-63 Hz	2,2 A	52,8W				36 x 97 x 99 mm
71-0063-00-00	100-240VAC	47-63 Hz	3,2 A	76,8W				38 x 98 x 129 mm
71-0064-00-00	100-120VAC; 200-240VAC	47-63 Hz	6,5 A	156W				38 x 98 x 199 mm



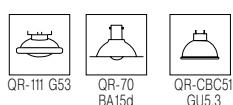
71-0065-00-00	100-240VAC	47-63 Hz	10 A	240W		IP 20		50 x 93 x 204 mm
71-0066-00-00	100-240VAC	47-63 Hz	13 A	312W				50 x 115 x 229 mm



71-4038-00-00	90-295VAC	50-60 Hz	6,3 A	150W		IP 67	-	38,8 x 68 x 222 mm
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12
VAC

Transformador / Transformer / Transformateur / Transformator / Trasformatore /
Transformador / трансформатор / Transformator



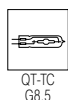
QR-111 G53

QR-70
BA15d

QR-CBC51
GU5.3



QT-12
GY6.35



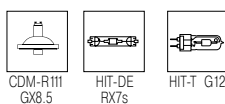
QT-TC
G8.5

ACT-TRA-001	230V-240V	50-60 Hz	20-60W	IP 20	37 x 28 x 128 mm
ACT-TRA-002	230V-240V	50-60 Hz	20-70W		37 x 28 x 128 mm
71-2477-00-00	230V-240V	50-60 Hz	20-105W	E	35 x 21 x 107 mm
ACT-TRA-003	230V-240V	50-60 Hz	35-105W	Dimming	50 x 19,5 x 146 mm
ACT-TRA-004	230V-240V	50-60 Hz	50-150W		37 x 33 x 185 mm



71-9197-05-05	230V	50 Hz	0- 100W	IP 68	1m	M	149 x 115 x 115 mm
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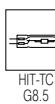
Equipo para lámparas de descarga / Equipment for discharge lamps / Appareillages pour lampes à décharge / Vorschaltgeräte für Gasentladungslampen / Apparecchiature per lampade a scarica / Equipamentos para lâmpadas de descarga / Наборы для газоразрядных ламп / Osprzęt dla lamp wyładowczych.



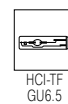
CDM-R111
GX8.5

HIT-DE
RX7s

HIT-T G12



HIT-TC
G8.5



HCI-TF
GU6.5



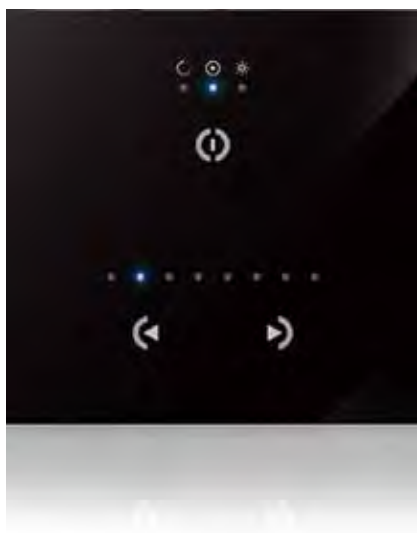
ACT-BAL-003	35W	67 x 31 x 140 mm
ACT-BAL-004	2x35W	89 x 37 x 224 mm
ACT-BAL-005	70W	83 x 32 x 170 mm
ACT-BAL-006	2x70W	89 x 37 x 224 mm



CONTROLADORES DMX / DMX CONTROLLERS / CONTRÔLEURS DMX / DMX-CONTROLLER / REGOLATORI DMX / CONTROLADORES DMX / КОНТРОЛЛЕРЫ DMX / STEROWNIK DMX

- Para configuraciones a medida, consulte con nuestro Equipo Comercial
- For bespoke combinations please contact our Sales department
- Pour des configurations sur mesure, merci de consulter notre Équipe Commerciale
- Für Konfigurationen nach Maß, sprechen Sie uns bitte an
- Per configurazioni su misura rivolgersi al ns. ufficio commerciale.

- Para configurações à medida, consulte a n/ Equipa Comercial
- Для модификаций по индивидуальным параметрам свяжитесь с нашими коммерческими сотрудниками.
- Dla wspomnianych zestawień prosimy o kontakt z naszym działem sprzedaży



- Controladores DMX512 que no requieren de sistema operativo para ejecutarse.
- Ajuste en tiempo real de la intensidad y el color de una escena.
- Programable mediante el software de control y el cable USB incluidos.
- Fuente de alimentación incluida.
- DMX512 Stand Alone Controller.
- Live setting of the intensity and colour of a scene.
- Programmable with the included USB cable and control software.
- Power supply included.
- Contrôleurs DMX512 dont l'exécution n'exige pas de système d'exploitation.
- Réglage en temps réel de l'intensité et de la couleur d'une scène.
- Programmable à l'aide du logiciel de commande et du câble USB fournis.
- Source d'alimentation fournie.
- DMX512-Controller, die kein Betriebssystem erfordern.
- Einstellung der Lichtstärke und Farbe in Echtzeit.
- Programmierbar mittels Steuersoftware, USB-Kabel mitgeliefert.
- Netzteil mitgeliefert.

- Regolatori DMX512 che non necessitano di sistema operativo per funzionare.
- Regolazione in tempo reale dell'intensità e del colore di una scena.
- Programmabile tramite il software di controllo e il cavo USB inclusi.
- Fonte di alimentazione inclusa.
- Controladores DMX512 que não necessitam de sistema operativo para funcionar.
- Ajuste em tempo real da intensidade e da cor de uma cena.
- Programável através do software de controlo e do cabo USB incluídos.
- Fonte de alimentação incluída.
- Контроллеры DMX512, не требующие для работы оперативной системы.
- Регулировка в реальном времени интенсивности и цвета сцены.
- Программируемые с помощью входящих в комплект контрольной программы и кабеля USB.
- В комплект входит источник питания.
- Sterownik DMX512, który nie wymaga systemu operacyjnego dla jego obsługi.
- Ustawienie w czasie rzeczywistym natężenia i koloru sceny.
- Programowany za pomocą załączonego oprogramowania sterującego i przewodu USB.
- Zawarte źródło zasilania.



- Controlador DMX de instalación en pared, que no requiere de sistema operativo para ejecutarse.
- Panel táctil con 25 páginas de 8 escenas.
- Cable USB, CDROM para instalación y manual de usuario incluidos.
- Fuente de alimentación y control remoto Infrarrojo incluidos.
- Stand alone wall mounted DMX controller.
- Touch-sensitive panel with 25 pages of 8 scenes.
- Delivered with a USB cable and installation CDROM including user manual.
- Power supply and Infra red remote control included.
- Contrôleur DMX à installation murale, dont l'exécution n'exige pas de système d'exploitation.
- Tableau tactile avec 25 pages de 8 scènes.
- Câble USB, CD-ROM d'installation et manuel de l'utilisateur fournis.
- Source d'alimentation et télécommande Infrarouge fournies.
- DMX-Controller zum Wandeinbau, kein Betriebssystem erforderlich.
- Touchscreen mit 25 Seiten à 8 Szenen.
- USB-Kabel, CDROM zur Installation und Bedienungsanleitung mitgeliefert.
- Netzteil und Infrarot-Fernbedienung mitgeliefert.

- Regolatore DMX da installare parete, che non necessita di un sistema operativo per funzionare.
- Pannello tattile con 25 pagine di 8 scene.
- Cavo USB, CDROM per l'installazione e manuale per l'utente inclusi.
- Fonte di alimentazione e controllo remoto Infrarossi inclusi.
- Controlador DMX de instalação em parede, que não necessita de sistema operativo para funcionar.
- Painel tátil com 25 páginas de 8 cenas.
- Cabo USB, CD-ROM para instalação e manual de utilizador incluídos.
- Fonte de alimentação e controlo remoto por infravermelhos incluídos.
- Настенный контроллер DMX, не требующий оперативной системы.
- Сенсорная панель с 25 страницами из 8 сцен.
- В комплект включены USB-кабель, CD-ROM для установки и руководство пользователя.
- Источник питания и инфракрасный дистанционный пульт управления включены в комплект.
- Sterownik DMX instalacji na ścianie, który nie wymaga systemu operacyjnego dla jego obsługi.
- Panel dotykowy o 25 stronach 8 scen.
- Zawarte: przewód USB, CDROM dla zainstalowania i instrukcja użytkownika.
- Zawarte źródło zasilania i zdalne sterowanie na podczerwień.



- Interfaz Mini USB-DMX interface.
- Memoria de 64K con reloj/calendario.
- Cable USB, CDROM para instalación y manual de usuario incluidos.
- Fuente de alimentación incluida.

- Mini USB-DMX interface.
- 64K memory with clock/calendar.
- Delivered with a USB cable and installation CDROM including user manual.
- Power supply included.

- Interface Mini USB-DMX.
- Mémoire de 64 K avec horloge/calendrier.
- Câble USB, CD-ROM d'installation et manuel de l'utilisateur fournis.
- Source d'alimentation fournie.

- Schnittstelle Mini USB-DMX
- 64-K-Speicher mit Uhr/Kalender
- USB-Kabel, CDROM zur Installation und Bedienungsanleitung mitgeliefert.
- Netzteil mitgeliefert.

- Interfaccia Mini USB-DMX.
- Memoria di 64K con orologio/calendario.
- Cavo USB, CDROM per l'installazione e manuale per l'utente inclusi.
- Fonte di alimentazione inclusa.

- Interface Mini USB-DMX.
- Memória de 64 K com relógio/calendário.
- Cabo USB, CD-ROM para instalação e manual de utilizador incluídos.
- Fonte de alimentação incluída.

- Интерфейс мини USB-DMX.
- Память 64К с часами/календарем.
- В комплект включены USB-кабель, CD-ROM для установки и руководство пользователя.
- В комплект входит источник питания.

- Interfejs Mini USB-DMX.
- Pamięć 64K z zegarem/kalendarzem.
- Zawarte: przewód USB, CDROM dla zainstalowania i instrukcja użytkownika.
- Zawarte źródło zasilania.



CENTRO CULTURAL DE LAS TELECOMUNICACIONES. SANTO DOMINGO, REP. DOMINICANA.

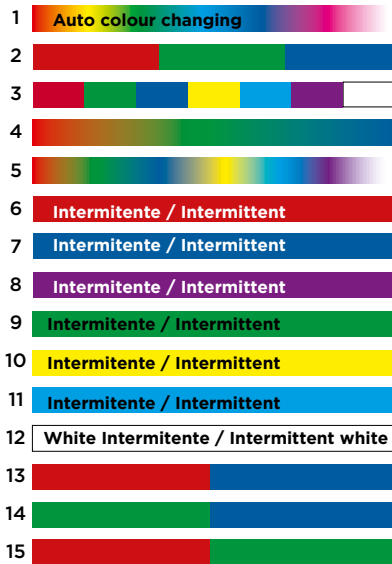


Controladores RGB con mando a distancia / RGB controllers with remote control / Contrôleurs RGB avec télécommande / RGB-Controller mit Fernbedienung / Regolatori RGB con telecomando / Controladores RGB com comando à distância / Контроллеры RGB с пультом дистанционного управления / Kontrolery RGB z pilotem zdalnego sterowania



- Controlador de tiras led con 15 programas RGB predefinidos, anillo de control independiente de 64 colores, cambio de velocidad en programas con secuencia de colores y cambio de intensidad luminosa en programas monocolor. Incorpora un mando a distancia por radiofrecuencia.
- LED stripe controller with 15 pre-set RGB programmes, 64-colour independent control ring, change of speed for programmes with colour sequence and change of light intensity for monochrome programmes. It incorporates a radio-frequency remote control.
- Contrôleur de bandeaux à LED offrant 15 niveaux RGB prédéfinis, un anneau de contrôle indépendant à 64 couleurs, un changement de vitesse pour les programmes à séquence de couleurs, ainsi qu'un changement d'intensité pour les programmes monocolores. Muni d'une télécommande par radiofréquence.
- Reglung von LED-Streifen mit 15 vordefinierten RGB-Programmen, unabhängiger Ring zur Regulierung von 64 Farben, Änderung der Geschwindigkeit bei Programmen mit Farbabfolgen und Änderung der Lichtintensität bei einfarbigen Programmen. Mit Fernbedienung über Funk.

- Regolatori di strisce led con 15 programmi RGB predefiniti, anello di controllo indipendente di 64 colori, cambio di velocità nei programmi con sequenza di colori e cambio di intensità luminosa nei programmi monocolori. Contiene un telecomando a radiofrequenza.
- Controlador de fitas LED com 15 programas RGB predefinidos, anel de controlo independente de 64 cores, mudança de velocidade em programas com sequência de cores e mudança de intensidade luminosa em programas monocolor. Incorpora um comando à distância por radiofrequência.
- Контроллер для светодиодных линеек RGB с 15 стандартными программами, кольцом независимого контроля для 64 цветов, смена скорости для многоцветных программ и изменения яркости для одноцветных программ. Включен пульт дистанционного радиоуправления.
- Kontroler taśm LED z 15 wcześniej określonymi programami RGB, obręcz niezależnego sterowania 64 kolorów, zmiana szybkości w programach z sekwencjami kolorów oraz zmiana natężenia oświetlenia w jednocolorowych programach. Zawiera pilot zdalnego sterowania z częstotliwością radiową.



71-0019-00-00

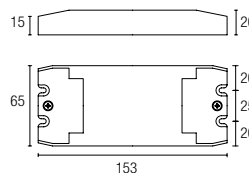
12 VDC	216W	24 x 84 x 65 mm
24 VDC	432W	

Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzęt sterujący



71-3493-00-00

12 VDC	24W	X 4
24 VDC	48W	



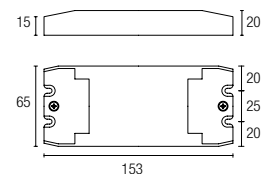
Amplificador / Amplifier / Amplificateur / Verstärker / Amplificatore / Amplificador / Усилитель / Wzmacniacz

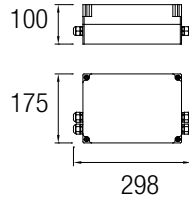
RGB / White



71-1553-00-00

12 VDC	4X4 A	IP 20	192W	48W	CHANNEL 4
24 VDC					

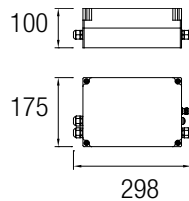




MASTER RGBEASY+

71-9816-00-00

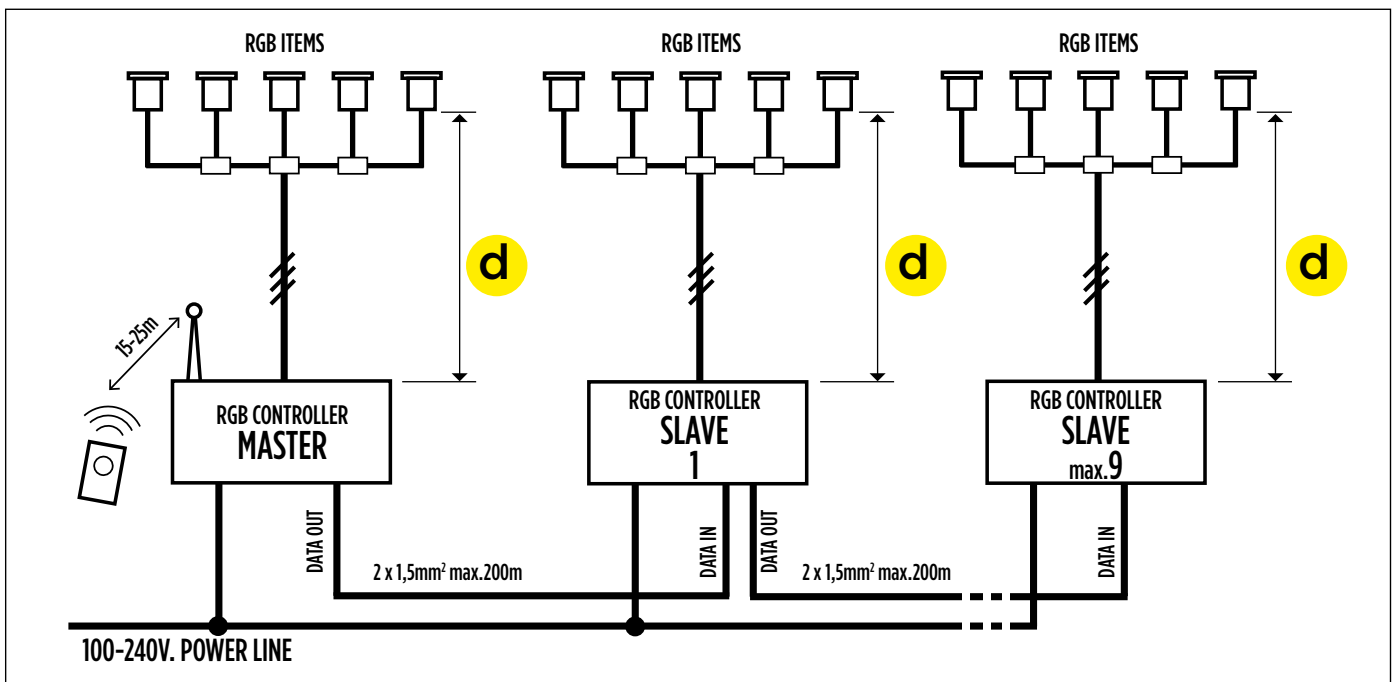
150W



SLAVE RGBEASY+

71-9817-00-00

150W



d	3 x 1,5 mm ²		3 x 2,5 mm ²	
	25m	max. 120W	max. 135W	
50m	max. 110W	max. 120W		
100m	max. 90W	max. 100W		

Potencia máxima que puede alimentar cada equipo Master y/o Esclavo teniendo en cuenta la sección de cable utilizada en la instalación y la distancia máxima (d) entre cada equipo y la última luminaria.
 Maximum power to supply every Master and/or Slave equipment according to the wiring section used in the installation and the maximum distance (d) between every equipment and the last piece.
 Puissance maximale que chaque appareillage maître et/ou esclave peut alimenter compte tenu de la section de câble utilisée dans l'installation et de la distance maximale (d) entre chaque appareil et la dernière pièce.
 Maximale Leistung für Master- und/oder Slave-Aggregat unter Berücksichtigung des Kabelquerschnitts der Installation und des maximalen Abstands (d) zwischen dem jeweiligen Aggregat und dem letzten Teil.
 Potenza massima che può alimentare ogni dispositivo Master e / o Slave tenendo in conto la sezione di cavo utilizzata nell'impianto e la distanza massima (d) tra ogni dispositivo e l'ultimo pezzo.
 Potência máxima que pode alimentar cada equipamento Master e/ou Slave, tendo em conta a secção de cabo utilizada na instalação e a distância máxima (d) entre cada equipamento e a última peça.
 Максимальная мощность, которая может подаваться на каждое ведущее и/или ведомое устройство, принимая во внимание сечение провода, используемое при монтаже, и максимальное расстояние (d) между каждым устройством и последним элементом.
 Maksymalna moc jaka może zasilać każde urządzenie Master i/lub Esclavo biorąc pod uwagę przekrój kabla zastosowanego w instalacji i maksymalną odległość (d) pomiędzy każdym urządzeniem i ostatnim elementem.



¿POR QUÉ LO LLAMAMOS **RGBEASY+** ?
 WHY DO WE CALL IT **RGBEASY+**?
 POURQUOI L'APPELLATION **RGBEASY+**?
 WARUM HEISST ES **RGBEASY+**?



- Toda la instalación se hace mediante cables estándar de 3 polos.
- The entire installation is carried out using standard 3-core cables.
- Toute l'installation s'effectue à l'aide de câbles standard à 3 pôles.
- Die Installation erfolgt mittels 3-poligen Standardkabeln.
- L'intera installazione viene eseguita tramite cavi standard di 3 poli.
- Toda a instalação se faz através de cabos standard de 3 pólos.
- Вся установка осуществляется с помощью стандартного 3-х фазного кабеля.
- Całą instalację wykonuje się za pomocą standardowych przewodów 3 biegunowych.



- Podemos usar el pulsador situado en el lateral de la caja del controlador para cambiar el programa en caso de pérdida o falta de batería del mando a distancia.
- We can use the push-button located on the side of the controller box to change the programme in the event of loss or lack of battery power in the remote control.
- On peut utiliser le bouton situé sur le côté du boîtier du contrôleur pour changer de programme en cas de perte ou d'absence de batterie de la télécommande.
- Die Taste kann seitlich an dem Controllergehäuse sitzen, um auch bei Verlust der Fernbedienung oder leerer Batterie der Fernbedienung umschalten zu können.
- Possiamo utilizzare il pulsante che si trova sul lato della scatola del regolatore per cambiare il programma in caso di perdita o mancanza di batteria del telecomando.
- Podemos usar o botão situado na lateral da caixa do controlador para mudar o programa, se não soubermos onde está o comando à distância ou este tiver a bateria descarregada.
- Мы можем использовать кнопку на боковой стороне корпуса контроллера, чтобы вносить изменения в программу в случае потери или отсутствия батареи пульта ДУ.
- Możemy użyć przycisku położonego z boku skrzynki kontrolera w celu zmienienia programu w przypadku utraty lub braku baterii pilota zdalnego sterowania.

PERCHÉ LO CHIAMIAMO **RGBEASY+**?
 PORQUÊ O NOME **RGBEASY+**?
 ПОЧЕМУ МЫ НАЗЫВАЕМ ЕГО **RGBEASY+**?
 DLACZEGO TO NAZYWAMY **RGBEASY+**?



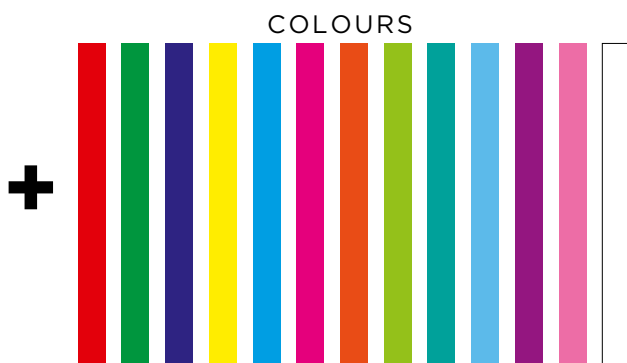
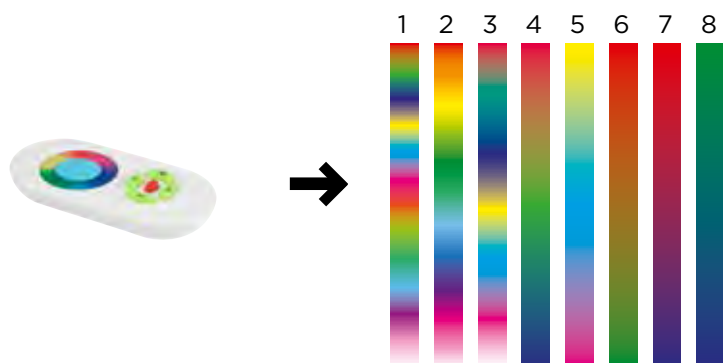
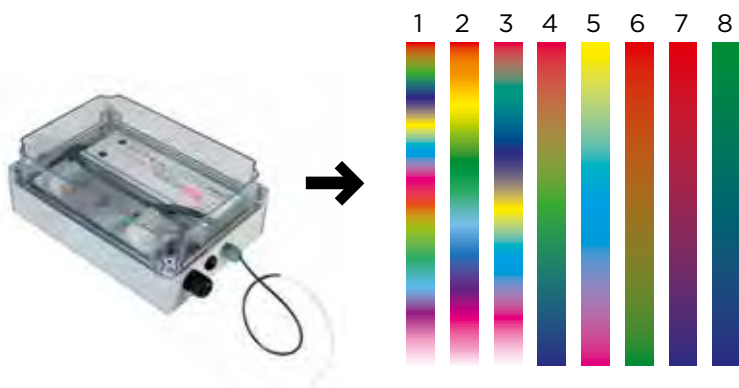
- Toda la instalación se realiza con conectores estándar.
- The entire installation is carried out using standard connectors.
- Toute l'installation s'effectue à l'aide de connecteurs standard.
- Die Installation erfolgt mit Standardsteckern.
- L'intera installazione viene eseguita con connettori standard.
- Toda a instalação se realiza com conectores standard.
- Все работы по установке выполняются со стандартными соединителями.
- Całą instalację wykonuje się za pomocą standardowych łączników.



- Se incluye un mando a distancia que permite seleccionar colores y secuencias, así como variar la intensidad y la velocidad.
- A remote control for selecting colors and sequences as well as vary the intensity and speed is included.
- Une commande à distance pour la sélection des couleurs et des séquences ainsi que faire varier l'intensité et la vitesse sont inclus.
- Eine Fernbedienung für die Auswahl Farben und Sequenzen sowie variieren die Intensität und Geschwindigkeit sind im Preis inbegriffen.
- Un telecomando per selezionare colori e sequenze nonché variare l'intensità e la velocità sono inclusi.
- Um controle remoto para a seleção de cores e sequências, bem como variar a intensidade ea velocidade estão incluídos.
- unПульт дистанционного управления для выбора цвета и последовательности, а также варьировать интенсивность и скорость включены.
- unPilot zdalnego sterowania do wyboru kolorów i sekwencje, jak również zmieniać intensywność i szybkość są włączone.

RGBEASY+

POSICIONES DEL PROGRAMA / PROGRAMME POSITIONS / POSITIONS DU PROGRAMME / PROGRAMMPOSITIONEN
 POSIZIONI DEL PROGRAMMA / POSIÇÕES DO PROGRAMA / ПОЗИЦИИ ПРОГРАММЫ / POŁOŻENIA PROGRAMU



BLANCO / WHITE

Controladores con mando a distancia / Controllers with remote control / Regolatori con telecomando / Controladores com comando à distância / Controller mit Fernbedienung / Контроллеры с пультом дистанционного управления / Kontrolery RGB z pilotem zdalnego sterowania



71-0017-00-00

12 VDC	144W	24 x 84 x 65 mm
24 VDC	288W	

•Controlador de tiras led blancas con tres niveles de regulación de intensidad luminica preprogramados (30%, 60%, 100%) y anillo de control independiente de intensidad luminica. Incorpora un mando a distancia por radiofrecuencia.

•White LED strip controller with three pre-set levels for light intensity regulation (30%, 60% and 100%) and light intensity independent control ring. It incorporates a radio-frequency remote control.

•Contrôleur de bandeaux à LED blancs offrant trois niveaux préprogrammés de réglage d'intensité lumineuse (30 %, 60 %, 100 %) et un anneau de contrôle indépendant de l'intensité lumineuse. Muni d'une télécommande par radiofréquence.

•Regler für weiße LED-Streifen mit drei voreingestellten Intensitätsstufen (30 %, 60 %, 100 %) und unabhängigem Kontrollring zur Justierung der Lichtstärke. Mit Fernbedienung über Funk.

•Controlador de fitas LED brancas com três níveis de regulação de intensidade luminosa

pré-programados (30%, 60%, 100%) e anel de controle independente da intensidade luminosa. Incorpora um comando à distância por radiofrequência.

•Regolatore di strisce led bianche con tre livelli di regolazione di intensità luminosa pre-programmati (30%, 60%, 100%) e anello di controllo indipendente dell'intensità luminosa. Contiene un telecomando a radiofrequenza.

•Контроллер для светодиодных линеек белого света с тремя запрограммированными уровнями яркости (30%, 60%, 100%) и независимое кольцо для контроля яркости освещения. Включен пульт дистанционного радиоуправления.

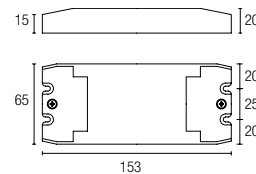
•Kontroler białych taśm LED o trzech wcześniej programowanych poziomach regulacji natężenia oświetlenia (30%, 60%, 100%) i obręcz niezależnego sterowania natężeniem oświetlenia. Zawiera pilot zdalnego sterowania częstotliwością radiową.

Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzet sterujący



71-0727-00-00

12 VDC	2X 78W
24 VDC	2X 156W

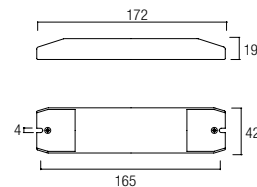


Equipos de control / Device controllers / Contrôleur gradation / Controller / Dispositivi di controllo / Equipamentos de controlo / Контрольные устройства / Osprzet sterujący



71-3473-00-00

12 VDC	60W
12 VDC	120W



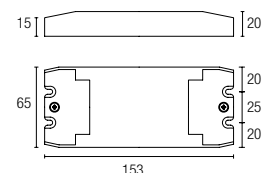
Amplificador / Amplifier / Amplificateur / Verstärker / Amplificatore / Amplificador / Усилитель / Wzmacniacz

RGB / White



71-1553-00-00

12 VDC	4X4 A	□	IP 20	□	192W	48W	CHANNEL 4
24 VDC					384W	96W	





71-9273-05-05 ■



Caja de empotrar válida para las referencias: / Flush-mounted box for references: / Boîtier à encastrer valable pour les références: / Gehäuse zum Einbau, geeignet für Art.-Nr. / Scatola per incasso valida per i riferimenti: / Caixa de encastrar válida para as referências: / Монтажная коробка пригодна для артикулов: / Skrzynka do wbudowania stosowna dla nr referencyjnych: **05-8961 / 05-9211 / 05-9212.**



71-9744-05-05 ■



Caja de empotrar específica para techos de hormigón. Válida para / Flush-mounted box for concrete ceilings. Valid for / Boîtier à encastrer spécial plafonds en béton. Valable pour / Spezifisches Einbaugehäuse für Betondecken. Geeignet für: / Scatola per incasso specifica per soffitti in calcestruzzo. Adatto per / Caixa de encastrar específica para tectos de betão. Válida para / Специальная монтажная коробка для бетонных потолков. Подходит для / Specjalna skrzynka do wbudowania dla betonowych sufitów. Stosowna dla: **15-9665 / 55-9665 / 55-9666 / 55-9667.**



71-9745-05-05 ■



Caja de empotrar específica para techos de hormigón. Válida para / Flush-mounted box for concrete ceilings. Valid for / Boîtier à encastrer spécial plafonds en béton. Valable pour / Spezifisches Einbaugehäuse für Betondecken. Geeignet für: / Scatola per incasso specifica per soffitti in calcestruzzo. / Adatto per / Caixa de encastrar específica para tectos de betão. Válida para / Специальная монтажная коробка для бетонных потолков. Подходит для: / Specjalna skrzynka do wbudowania dla betonowych sufitów. Stosowna dla: **15-9659 / 15-9391 / 15-9392.**



IP+

71-9405-M3-M3 □



Accesorio para aumento hasta IP65. Máx. 15W. / Accessory to increase up to IP65. Max 15W. / Accessoire pour augmentation jusqu'à IP65. 15 W maxi. / Zubehör für Erhöhung auf IP65. Max. 15 W / Accessorio per aumentare a IP65. Max 15W. / Acessório para aumento até IP65. Máx. 15 W. / Принадлежность для увеличения до IP65. Макс. 15 Вт. / Akcesorium dla powiększenia do IP65. Maks. 15W.



IP+

71-9406-M3-M3 □



Accesorio para aumento hasta IP65. Máx. 20W. / Accessory to increase up to IP65. Max 20W. / Accessoire pour augmentation jusqu'à IP65. 20W maxi. / Zubehör für Erhöhung auf IP65. Max. 20W / Accessorio per aumentare a IP65. Max 20W. / Acessório para aumento até IP65. Máx. 20W / Принадлежность для увеличения до IP65. Макс. 20 Вт. / Akcesorium dla powiększenia do IP65. Maks. 20W.



71-9262-05-05 ■



Caja de conexiones estanca. Ø8,5 máx. IP 67 / Water proof connection box. Ø8,5 max. IP 67 / Boîtier de raccordement étanche / Hermetischer Anschlusskasten / Scatola di connessione a tenuta stagna, Ø8,5 max. IP 67 / Caixa de ligações estanque. Ø8,5 máx. IP 67 / Соединитель IP 67 3-трехполюсный на три входа / Złączka IP 67 3-y jezdną w kształcie T 3-y biegunowa



71-9199-05-05 ■



Caja de conexiones estanca / Water proof connection box / Boîtier de raccordement étanche / Hermetischer Anschlusskasten / Scatola di connessioni a tenuta stagna / Caixa de ligações estanque / Герметичная монтажная коробка / Wodoszczelna skrzynka połączeniowa



71-9397-05-05 ■



Conector IP 68 2 vías 3 polos completo / IP 68 connection 2 ways 3 wires complete / Connecteur IP68 2 voies 3 pôles complet / IP-Stecker 68 2-Wege 3-polig, komplett / Connettore IP 68 2 vie 3 poli completo / Conector IP 68 2 vías 3 polos completo / Соединитель IP 68 трехполюсный на два входа полный / Pełna złączka IP 68 2-u jezdną 3-y biegunowa



71-9396-05-05 ■



Conector IP68 de 3 vías con forma "T" y 3 polos. Para cables de diámetro 5mm a 13mm. / IP68 3-line 3-pole "T" connector. For cables of 5mm to 13mm diameter. / Connecteur IP68 à 3 voies en forme de T, 3 pôles. Pour câbles de 5 à 13 mm de diamètre. / 3-Wege-Stecker IP68 in T-Form, 3-polig. Für Kabeldurchmesser von 5 mm bis 13 mm. / Connettore IP68 di 3 vie a forma "T" e 3 poli. Per cavi di diametro da 5mm a 13 mm. / Conector IP68 de 3 vías con forma "T" e 3 polos. Para cabos com diámetro de 5 mm a 13 mm. / Трехполюсный трехфазный соединитель IP68 T-образной формы. Для кабелей диаметром от 5 мм до 13 мм. / Łącznik IP68 3 drogowy w kształcie litery T i 3 biegunowy. Dla przewodów o średnicy od 5mm do 13mm.



71-8969-00-00 □

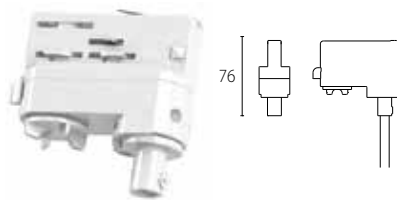


Reactancia para / Ballast for / Ballast pour / Vorschaltgerät für / Reattanza per / Reactância para / Реактивное сопротивление для / Reaktancja dla: PL G24d-1 13W 230V



71-9746-05-05 ■

Adecuado para estructuras y columnas cilíndricas de hasta 60 mm de diámetro. / Suitable for cylindrical structures and columns of up to 60 mm in diameter. / Adapté aux structures et colonnes cylindriques de 60 mm de diamètre maximum. / Geeignet für zylinderförmige Strukturen und Säulen bis 60 mm Durchmesser. / Adatto per strutture e colonne cilindriche di fino a 60 mm di diametro. / Adequado para estruturas e colunas cilíndricas com até 60 mm de diâmetro. / Подходит для цилиндрических структур и колонн диаметром до 60 мм. / Odpowiedni dla struktur i słupów cylindrycznych o średnicy do 60 mm.



71-2232-14-14 □
71-2232-60-60 ■

Conector de carril / Track connector / Connecteur de rail / Schienenstecker / Collegamento binari / Conector de calha / Адаптер для шинопровода / Łącznik szyny



71-2241-00-00

Controlador con mando a distancia / Controller with remote control / Contrôleur avec télécommande / Controller mit Fernbedienung / Regolatore con telecomando / Controlador com comando à distância / Контроллер с дистанционным управлением / Kontroler z pilotem zdalnego sterowania



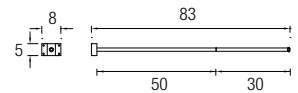
71-1843-81-81 ■
71-1843-CF-CF □

Barras / Bars / Barres / Stangen für / Barre / Barras / Балка / poprzeczki 304 mm.



71-1844-81-81 ■
71-1844-CF-CF □

Barras / Bars / Barres / Stangen für / Barre / Barras / Балка / poprzeczki 460 mm.



71-9487-34-34 ■
71-9487-Z5-Z5 ■

Brazo prolongador con opción a 3 medidas. / Extension arm with 3 measurements. / Bras de prolongement avec option en 3 dimensions / Verlängerungsarm mit 3 möglichen Abmessungen / Braccio prolunga con possibilità di 3 misure. / Braço de prolongamento com 3 medidas opcionais. / Удлиняющий кронштейн; имеется три размера / Wydłużalne ramię z opcją 3 rozmiarów.



71-4399-14-14 □

Mando a distancia / Remote control / Télécommande / Fernbedienung / Telecomando / Comando à distância / Пульт дистанционного радиоуправления / Pilot zdalnego sterowania



71-4933-00-00 **NEW**

Controlador de pared (3 velocidades) / Wall Control (3 speeds) / Contrôleur mural (3 vitesses) / Wandsteuerung (3 Geschwindigkeiten) / Regolatore da parete (3 velocità) / Controlador de parede (3 velocidades) / Настенный контроллер (3 скорости) / Sterownik ścienny (3 szybkości)



71-4932-00-00 **NEW**

Controlador de pared (3 velocidades y encendido/apagado de la luz) / Wall Control (3 speeds and light on/off) / Contrôleur mural (3 vitesses et allumage/extinction de la lumière) / Wandsteuerung (3 Geschwindigkeiten und Ein/Aus) / Regolatore da parete (3 velocità e accensione/spengimento della luce) / Controlador de parede (3 velocidades e ON/OFF da luz) / Настенный контроллер (3 скорости и включение/выключение света) / Sterownik ścienny (3 szybkości i zapalenie/gaszenie światła)

71-4933-00-00 / 71-4932-00-00

Compatible con todos los modelos, excepto aquellos con motor DC / Compatible with all models, except for those with CD engine. / Compatible avec tous les modèles, sauf ceux à moteur CC / Kompatibel mit allen Modelle, ausgenommen Modelle mit GS-Motor / Compatibile con tutti i modelli, a parte quelli con motore DC / Compatível com todos os modelos, exceto aqueles com motor DC / Сочетается со всеми моделями, кроме работающих с двигателем постоянного тока / Kompatybilny ze wszystkimi modelami, za wyjątkiem tych z silnikiem DC



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INFORMAZIONI TECNICHE / INFORMAÇÃO TÉCNICA / ТЕХНИЧЕСКАЯ ИНФОРМАЦИЯ / INFORMACJA TECHNICZNA**

- Para mayor información técnica de las piezas incluidas en este catálogo (instrucciones de montaje, diagramas de instalación, etc.), por favor consulte nuestra página web corporativa
- For further technical information about the parts included in this catalogue (assembly instructions, installation diagrams, etc.), please see our corporate website.
- Pour de plus amples informations techniques concernant les pièces de ce catalogue (consignes de montage, schémas d'installation, etc.), veuillez consulter le site Web de notre entreprise.
- Ausführliche technische Daten zu den Artikeln dieses Katalogs (Montageanleitung, Installationsdiagramme usw.) finden Sie auf unserem Internetportal.
- Per ulteriori informazioni tecniche sui prodotti contenuti in questo catalogo (istruzioni di montaggio, diagrammi di installazione, ecc.) si prega di consultare il nostro sito internet.

- Para informações técnicas mais detalhadas sobre as peças incluídas neste catálogo (instruções de montagem, diagramas de instalação, etc.), consulte a nossa página Web empresarial.
- Чтобы подробнее ознакомиться с технической информацией по поводу товаров, включенных в настоящий каталог (инструкции по монтажу, схемы установки и т.п.) посетите наш корпоративный сайт.
- W celu uzyskania szerszej informacji technicznej odnośnie elementów zawartych w niniejszym katalogu (instrukcji montażu, diagramów instalacyjnych, itp.) proszę skonsultować się z naszą korporacyjną stroną internetową

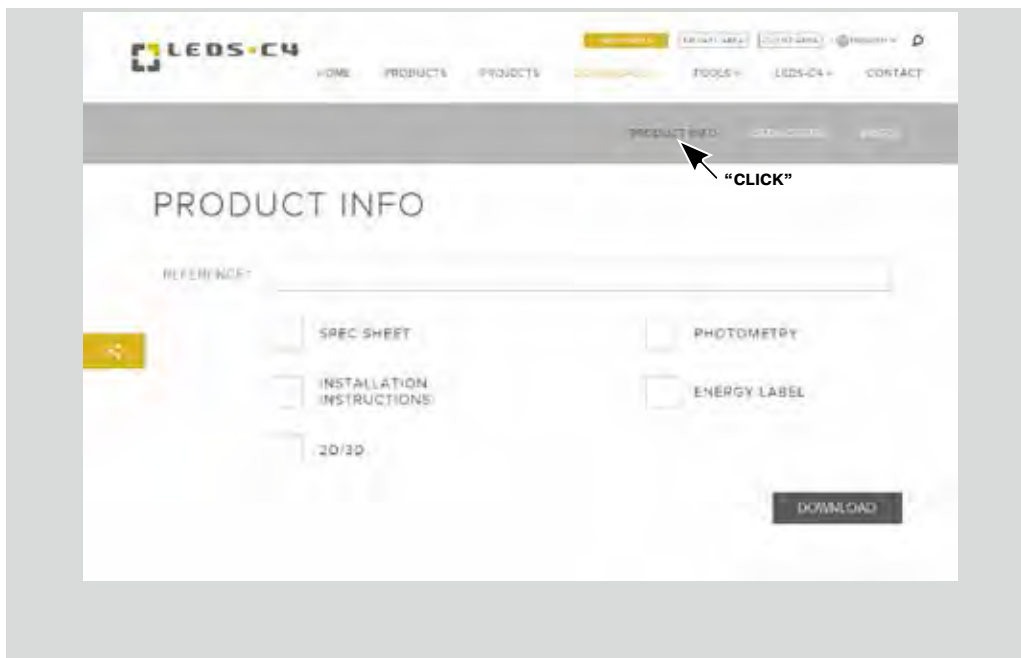
Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok

1



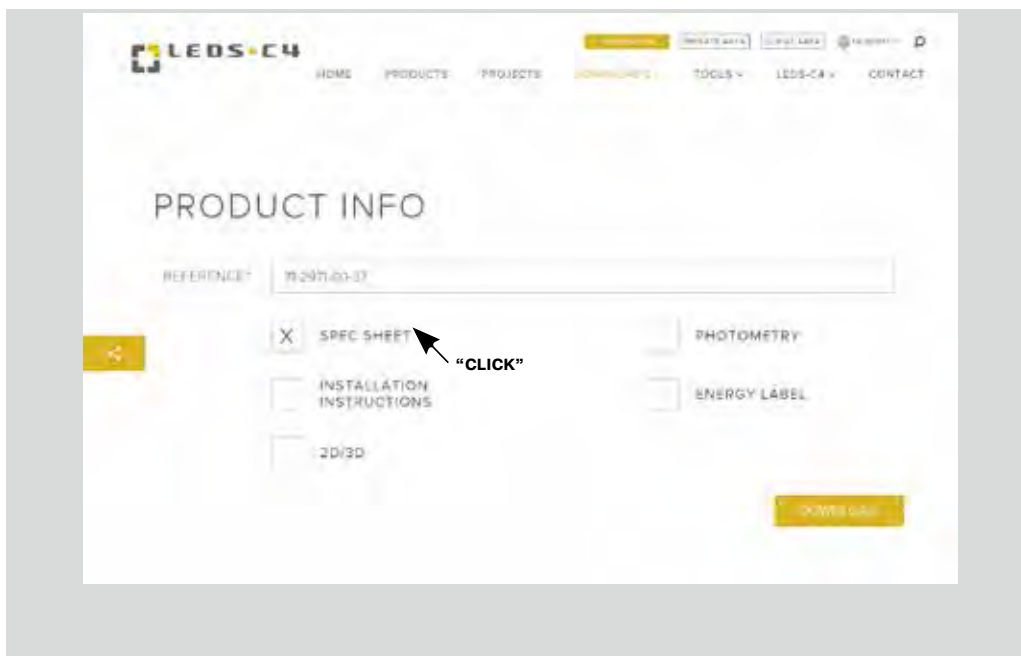
Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok

2



Paso
Step
Étape
Schritt
Step
Passo
Шаг
Krok

3





MULTIDIR EVO

71-2971-00-37

IN+



Descripción
Kit electrónico con módulo LED (estándar Zhaga) incluido. Para su instalación es necesario completar la luminaria con una de las diferentes carcassas disponibles.

CARACTERÍSTICAS TÉCNICAS

Tipo: ACCESORIO
Orientable: Orientable ±40° alrededor de los dos ejes que forman el plano horizontal.
Índice protección IP: IP23
Fuente de luz 1: 1 x LED Cree 40.2W Blanco cálido - 3000K 3765.4 lm^h CRI 80
Ángulo Óptica / Reflector: 12°
Voltaje / Frecuencia: 1050mA
Garantía (Años): 2
Posibilidad de extensión de garantía: SI, 5 Años
Unidades por caja: 100
EAN: 8435381415682

El acabado de la fotografía puede no coincidir con el de la referencia. Para identificar el real ver descripción del acabado.



Descargar formato .kdt / .ies



Haga clic en la imagen para descargar la etiqueta energética

MATERIALES / ACABADOS

Material estructura: Aluminio Material difusor: Cristal
Acabado estructura: Negro Acabado difusor: Transparente


EQUIPO
Equipo necesario no incluido. Para más información consulte web / catálogos / red comercial.

LM^h: Flujo nominal de la luminaria en condiciones reales de trabajo. Su flujo real dependerá de las condiciones ambientales y de la eficacia de la óptica y/o difusor.

LEDS-C4 se reserva el derecho de realizar las modificaciones técnicas oportunas con el fin de mejorar las prestaciones del producto.
Recomendamos consultar con el equipo comercial para aclarar cualquier duda.

(+34) 973 488 100
leds-c4@leds-c4.com
www.leds-c4.com

71-2952-14-00




Cuerpo para dos kits electrónicos MULTIDIR EVO L (Ver kits disponibles en apartado Accesorios). Versión para instalación con marco no visible. Aros de rotación e interior en acabado blanco. Tapa posterior ajustable en altura que permite el uso de diferentes fuentes de luz.

Material estructura: Acero
Aluminio
Acabado estructura: Blanco
Blanco

IP23

71-2952-60-00




Cuerpo para dos kits electrónicos MULTIDIR EVO L (Ver kits disponibles en apartado Accesorios). Versión para instalación con marco no visible. Aros de rotación e interior en acabado negro. Tapa posterior ajustable en altura que permite el uso de diferentes fuentes de luz.

Material estructura: Acero
Aluminio
Acabado estructura: Negro
Negro

IP23

71-2953-14-00




Cuerpo para tres kits electrónicos MULTIDIR EVO L (Ver kits disponibles en apartado Accesorios). Versión para instalación con marco no visible. Aros de rotación e interior en acabado blanco. Tapa posterior ajustable en altura que permite el uso de diferentes fuentes de luz.

Material estructura: Acero
Aluminio
Acabado estructura: Blanco
Blanco

IP23

71-2953-60-00




Cuerpo para tres kits electrónicos MULTIDIR EVO L (Ver kits disponibles en apartado Accesorios). Versión para instalación con marco no visible. Aros de rotación e interior en acabado negro. Tapa posterior ajustable en altura que permite el uso de diferentes fuentes de luz.

Material estructura: Acero
Aluminio
Acabado estructura: Negro
Negro

IP23

LEDS-C4 se reserva el derecho de realizar las modificaciones técnicas oportunas con el fin de mejorar las prestaciones del producto.
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www.leds-c4.com

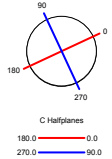
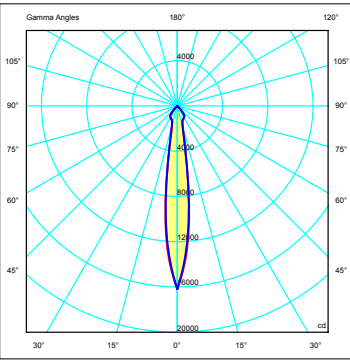


MULTIDIR EVO

Luminaria	Measuram.	Lamp
Code 71-2971	Code 90-3294-14-37	Code L2971 40.2W 80 3000K
Name MOD.TDIR EVO LED 40.2W 830 12"	Name Downlight led 21.8W 12" 4000K	Number 1
Line -LEDS C4 LEDES	Date 29-04-2014	Position Universal
Efficiency 100.00%	Coordinate system CG	Total Flux 2934.64 lm
Maximum value 16180.43 cd	Position C=0.00 G=0.00	Double Symmetrical
Round Recessed Luminaire	Diam. 175 mm	Height 2 mm
Round Luminaire Area	Diam. 110 mm	Height 0 mm
Horizontal Luminous Area	0.009503 m ²	Emitting area on Plane 180° 0.000000 m ²
Emitting area on Plane 0°	0.000000 m ²	Emitting area on Plane 270° 0.000000 m ²
Emitting area on Plane 90°	0.000000 m ²	Clear area at 90° 0.002259 m ²
Symmetry Type	Double Symmetrical	Maximum Gamma Angle 90
Measurement Distance	6.44	Measurement Flux 1842.43 lm
Operator Asselum T2	Source voltage 36.00 V	
Temperature 20.00 °C	Source current 0.60 A	
Humidity 55.00 %	Photocell Pfc	
Notes		


Line	Code	Name	Flux [lm]	Pow. [W]	C ty
C4.L	95 100 100 100 100	L2971 40.2W 80 3000K	2934.64	40.00	1
F LITE	1.00 A	D DIM 6040 B NBN			BZ 1

Diam=175mm Incasso

U.L.C.R. 0.00 %
C.L.C.R. 100.00 %
RN 0.00 %

LITESTAR (c)OxyTech Srl www.oxytech.it Page 1



MULTIDIR EVO

1

MULTIDIR STRUCTURES

TRIM TRIMLESS

OFF

KIT GU10 KIT GX8.5 KIT LED / LED AC KIT G53 KIT G8.5 KIT GU5.3

2

LED / LED AC

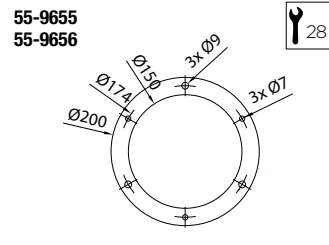
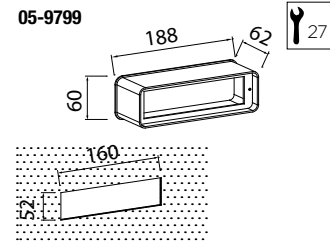
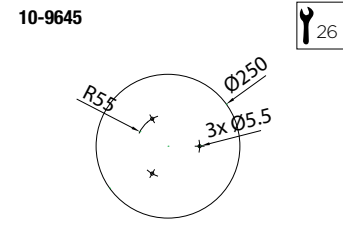
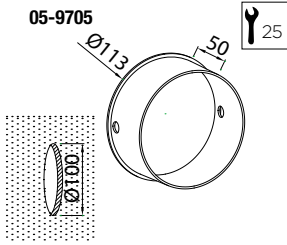
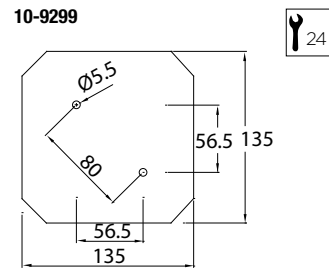
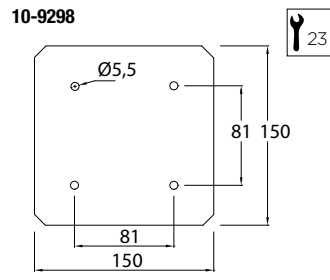
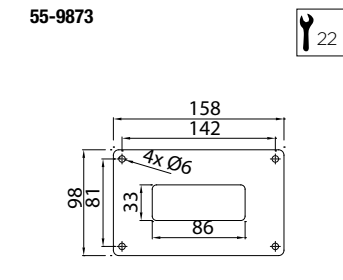
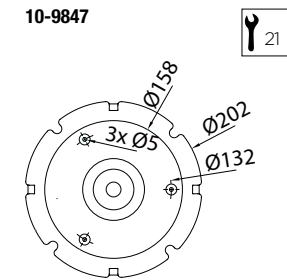
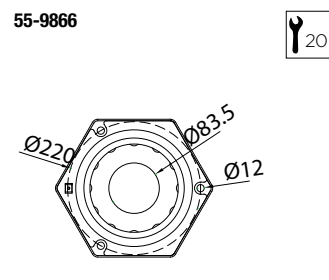
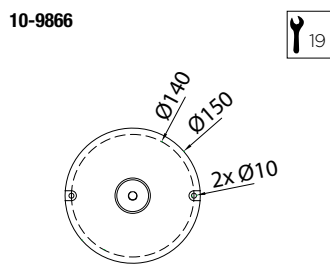
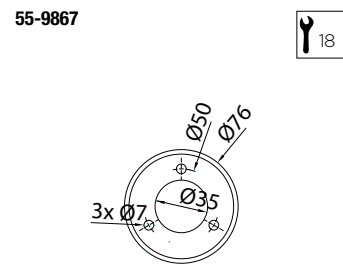
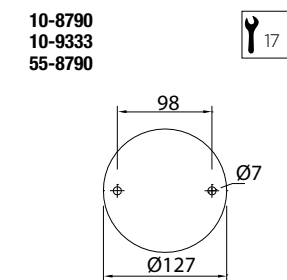
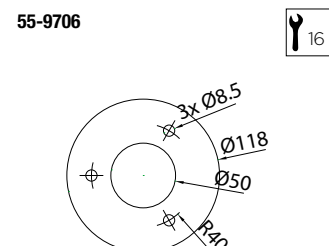
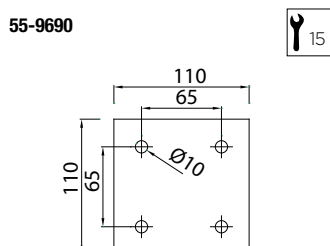
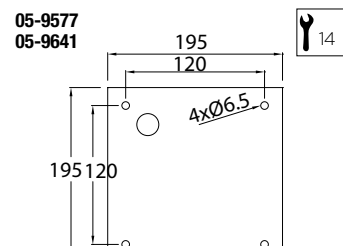
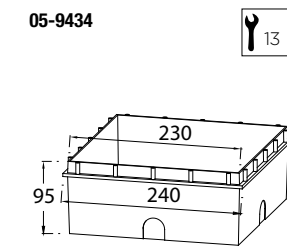
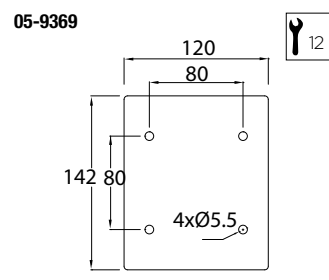
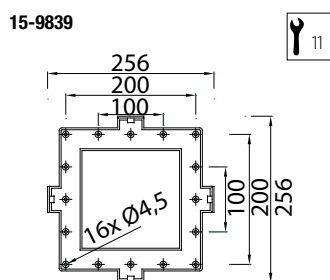
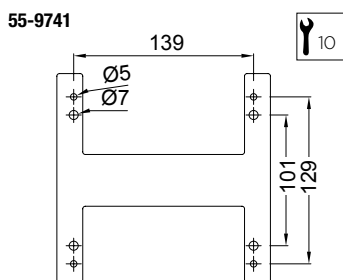
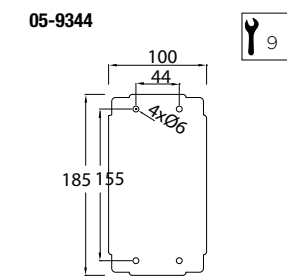
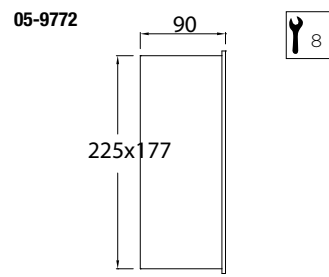
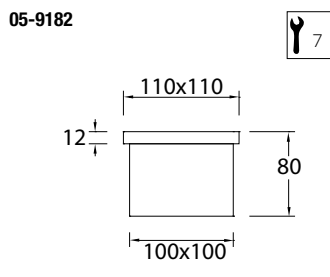
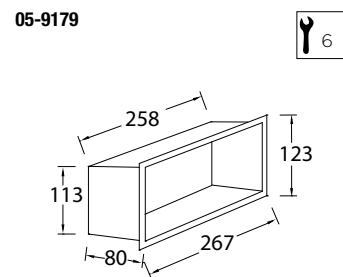
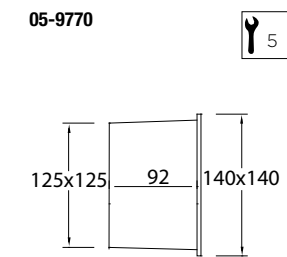
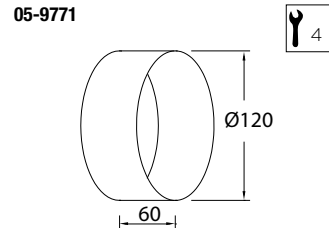
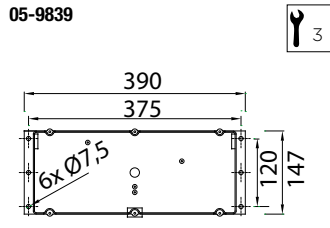
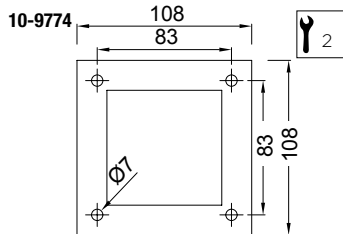
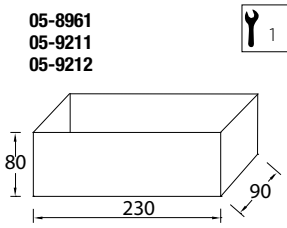
G8.5

OPTIONAL

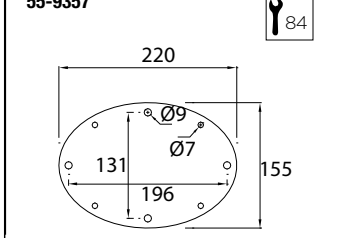
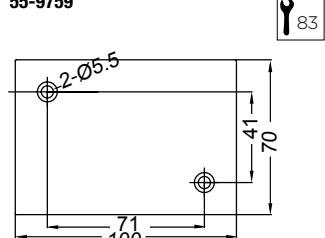
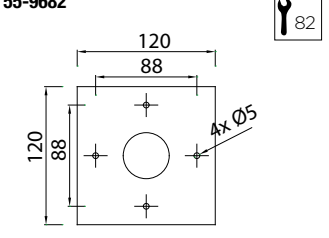
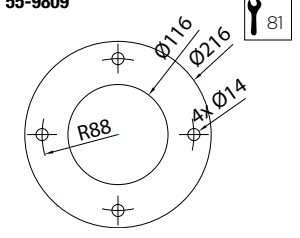
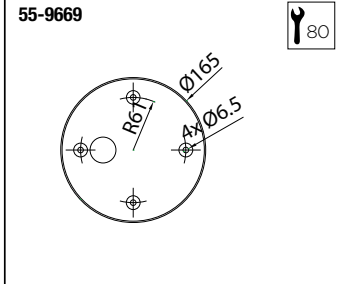
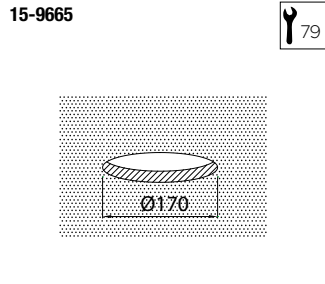
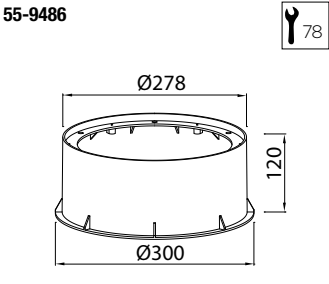
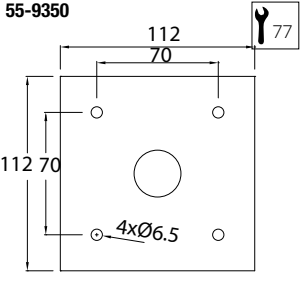
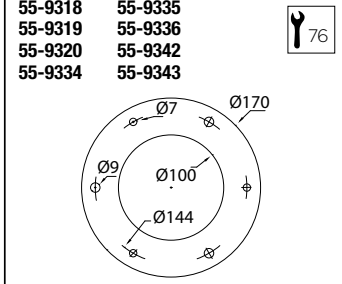
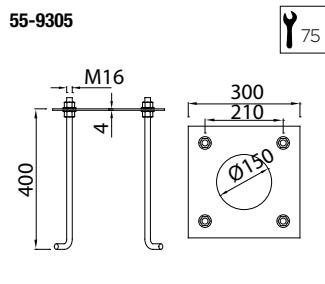
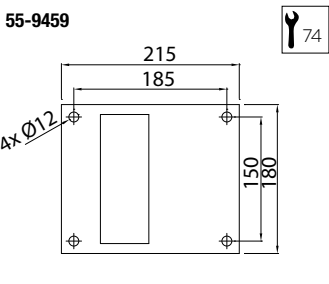
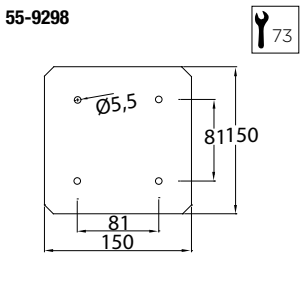
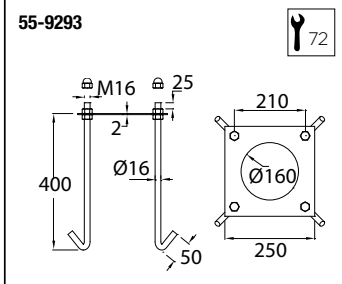
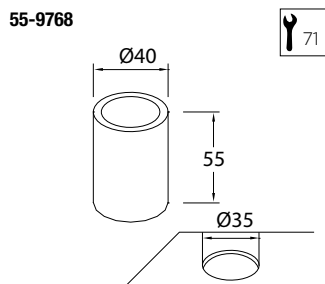
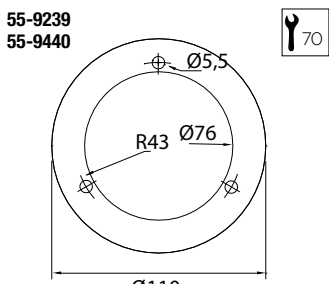
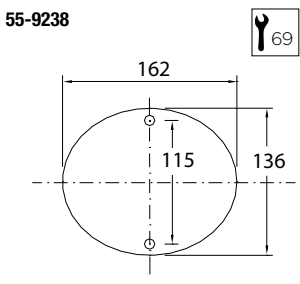
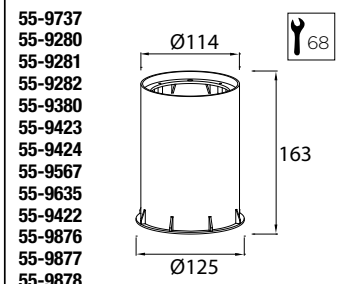
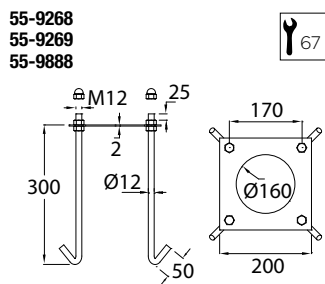
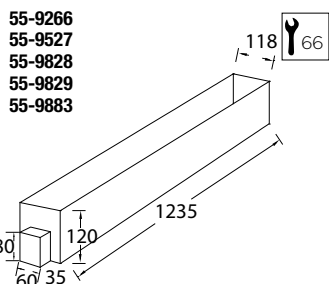
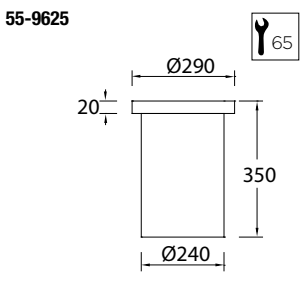
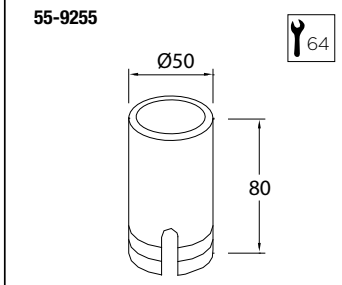
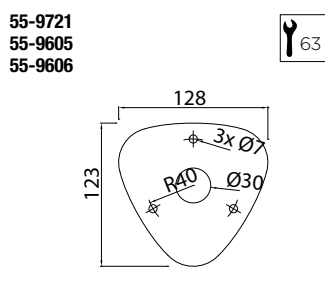
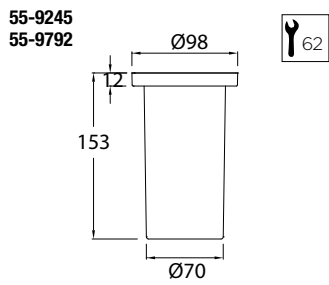
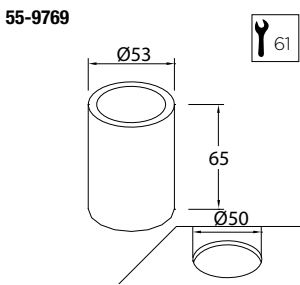
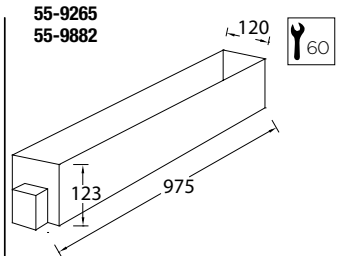
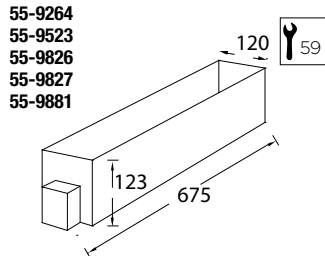
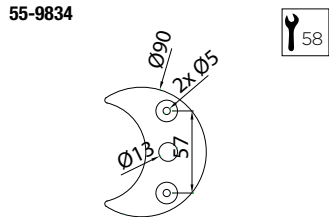
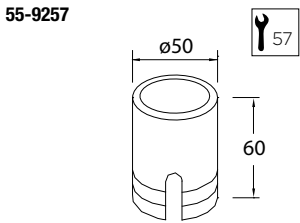
GU10 GX8.5 G53 GU5.3

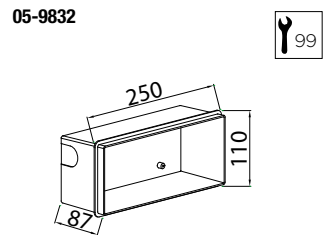
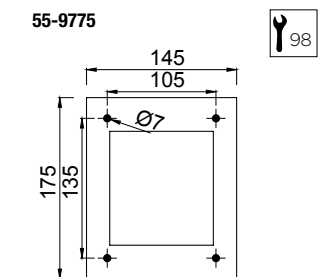
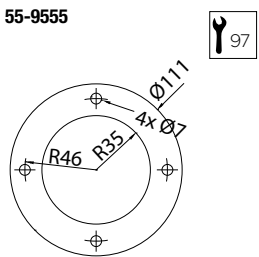
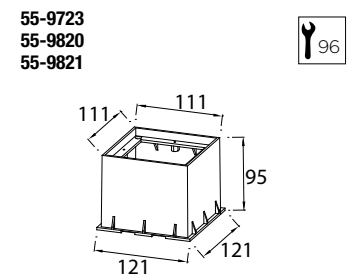
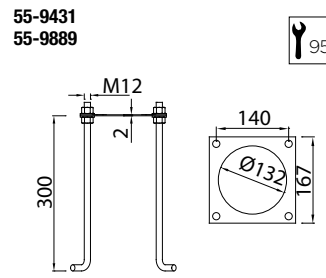
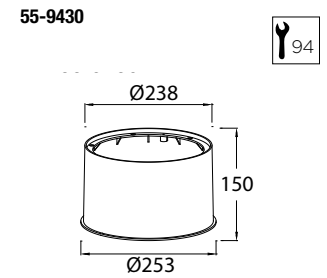
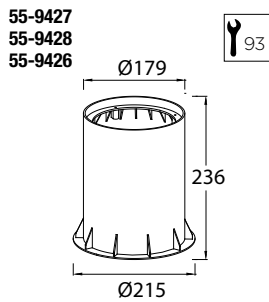
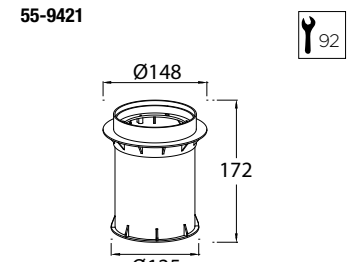
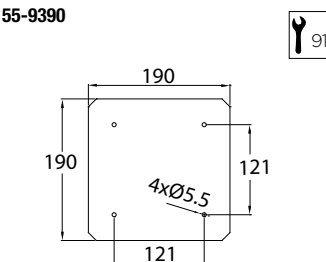
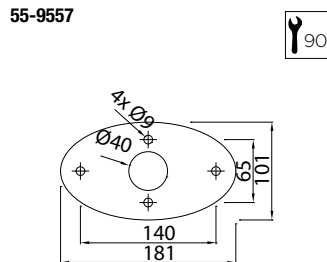
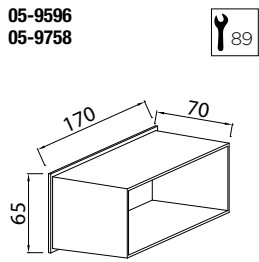
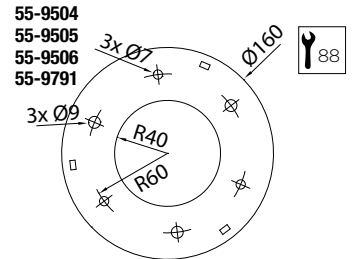
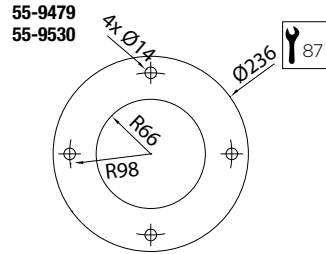
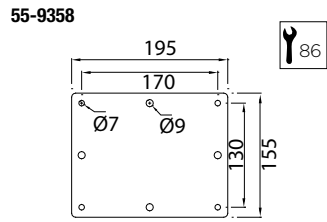
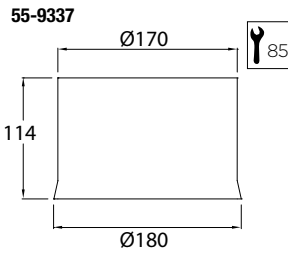
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TECHNICAL INFORMATION



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EMPOTRABLES DE TIERRA – DRENAJE

Es imprescindible seguir las instrucciones de montaje y la guía de instalación de los empotrables para lograr el mejor funcionamiento posible de la luminaria.

1. Evitar colocar las luminarias en zonas de depresión del terreno.
2. Evitar colocar las luminarias en zonas donde se pueda acumular agua y en ubicaciones permanentemente húmedas, como jardines o césped.
3. Evitar el uso de productos químicos utilizados para el abono de jardines ya que pueden deteriorar algunos componentes.
4. Nivelar la luminaria con el pavimento.
5. Prever un recubrimiento de dilatación en el caso de empotrables colocados en superficies como el cemento o el hormigón para evitar la posible dilatación o compresión.
6. Colocar un drenaje eficaz para evitar el estancamiento de agua, como mínimo de 25 centímetros de grava por debajo de la carcasa de instalación. Un drenaje correcto debe absorber hasta 10 litros de agua en 15 minutos.
7. Hacer funcionar la luminaria durante 20 minutos sin el cristal para evitar condensaciones de agua dentro.

BUILT-IN FLOOR LUMINAIRES - DRAINAGE

It is essential to follow the assembling instructions and the installation guide of the built-in luminaires in order to achieve the best performance.

1. Avoid installing the luminaires in terrain depressions.
2. Avoid installing the luminaires in areas where water can accumulate and in places that are permanently damp, such as gardens or lawns.
3. Avoid the use of chemical products used to fertilise gardens because they could damage some of the components.
4. Level the luminaire with the surface.
5. Anticipate a dilation coating for built-in luminaires installed on surfaces like cement or concrete, to avoid possible dilation or compression.
6. Install an effective drainage system to avoid the accumulation of water, at least 25 cm of gravel under the installation casing. A correct drainage must absorb up to 10 litres of water in 15 minutes.
7. Put the light on for 20 minutes without the glass to avoid condensation inside.

ENCASTRABLES AU SOL – DRAINAGE

Il est indispensable de suivre les instructions et le guide d'installation des encastrables afin de garantir un éclairage optimum.

1. Eviter l'installation de luminaires dans des zones de dépression de terrain.
2. Eviter l'installation de luminaires dans des espaces où s'accumule de l'eau ou des zones humides telles que jardins ou pelouses.
3. Eviter l'utilisation de produits chimiques utilisés pour le compostage des jardins car ils peuvent détériorer certains composants.
4. Nivelar le terrain en vue de l'installation des luminaires.
5. Prévoir un recouvrement pour la dilatation dans le cas de luminaires encastrables installés en surface tel que le ciment ou le béton, afin d'éviter une possible dilatation ou compression.
6. Poser un drain efficace afin d'éviter toute stagnation de l'eau, avec un minimum de 25 centimètres de gravier en dessous de l'installation. Un drain efficace doit permettre d'absorber jusqu'à 10 litres d'eau en 15 minutes.
7. Faire fonctionner le luminaire pendant 20 minutes, sans le verre, afin d'éviter toute condensation d'eau à l'intérieur.

BODENEINBAULEUCHTEN – DRAINAGE

Die Montageanweisungen und Anleitungen des Handbuchs für die Installation der Bodeneinbauleuchten sind unbedingt zu befolgen, um den bestmöglichen Betrieb der Beleuchtungskörper gewährleisten zu können.

1. Vermeiden Sie die Montage der Beleuchtungskörper in abschüssigem Gelände.
2. Vermeiden Sie die Montage der Beleuchtungskörper in Bereichen der Wasseransammlung und in Feuchtzonen, wie Gärten und Rasenflächen.
3. Vermeiden Sie die Verwendung von chemischen Gartendüngemitteln, da diese einen schädlichen Einfluss auf einige der Komponenten ausüben können.
4. Bringen Sie den Beleuchtungskörper und den Bodenbelag auf eine Höhe.
5. Sorgen Sie beim Einbau der Beleuchtungskörper in Zement- oder Betonflächen für eine geeignete Ummantelung, um eine eventuelle Ausdehnung oder ein Zusammenpressen zu verhindern.
6. Bauen Sie ein wirksames Drainagesystem ein, um das Anstauen von Wasser zu vermeiden, wobei ein Kiesbett von mindestens 25 cm unter dem Einbaugeschäube vorhanden sein muss. Bei einer korrekten Drainage müssen bis zu 10 Liter Wasser in 15 Minuten absorbiert werden.
7. Nehmen Sie den Beleuchtungskörper 20 Minuten lang ohne Deckglas in Betrieb, um eine Kondensierung des Wassers im Inneren der Leuchte zu vermeiden.

ELEMENTI DA INCASSARE AL SUOLO - DRENAGGIO

È indispensabile seguire le istruzioni di montaggio e la guida di installazione degli elementi ad incasso per garantire il migliore funzionamento possibile.

1. Evitare di collocare i faretti in zone depresse del terreno.
2. Evitare di collocare i faretti in zone in cui possa accumularsi acqua e in ubicazioni permanentemente umide, come giardini o prati.
3. Evitare l'uso dei prodotti chimici usati per la concimazione di giardini, dal momento che potrebbero deteriorare alcuni componenti del faretto.
4. Collocare il faretto a livello del suolo.
5. Prevedere una giunta di dilatazione nel caso di elementi ad incasso collocati in superfici come cemento e calcestruzzo, per evitare la possibile dilatazione o compressione.
6. Disporre un drenaggio efficace per evitare il ristagno dell'acqua, come minimo di 25 centimetri di ghiaia al di sotto della carcassa di installazione. Un drenaggio corretto deve assorbire fino a 10 litri di acqua in 15 minuti.
7. Far funzionare il faretto per 20 minuti senza il vetro per evitare che al suo interno di formi condensazione.

ENCASTRÁVEIS DE TERRA – DRENAGEM

É imprescindível que siga as instruções de montagem e o guia de instalação dos encastráveis para obter o melhor funcionamento possível do aparelho de iluminação.

1. Evite colocar os aparelhos de iluminação em zonas de depressão do terreno.
2. Evite Coloque os aparelhos de iluminação em zonas onde se possa acumular água e em localizações permanentemente húmidas, como jardins ou relva.
3. Evite o uso de produtos químicos utilizados para o adubamento de jardins, dado que eles podem deteriorar alguns componentes.
4. Nivele o aparelho de iluminação pelo pavimento.
5. Preveja um revestimento de dilatação no caso de encastráveis colocados em superfícies como o cimento ou o betão para evitar a eventual dilatação ou compressão.
6. Coloque uma drenagem eficaz para evitar a estagnação da água, no mínimo de 25 centímetros de gralilha abaixo da carcaça de instalação. Uma drenagem correcta deve absorver até 10 litros de água em 15 minutos.
7. Faça funcionar o aparelho de iluminação durante 20 minutos sem o vidro para evitar condensações de água dentro dele.

ВСТРОЕННЫЕ НАПОЛЬНЫЕ ОСВЕТИТЕЛЬНЫЕ ПРИБОРЫ – ДРЕНАЖ

Для обеспечения оптимальной работы осветительного прибора необходимо в точности следовать инструкциям и пособию по установке для встроенных приборов.

1. Не устанавливать осветительные приборы во впадинах.
2. Не устанавливать осветительные приборы на участках, предрасположенных к скоплению воды и в местах с повышенным содержанием влаги, таких, как, например, сады или газоны.
3. Попадание химических удобрений, используемых для садовых растений, может повредить поверхность лампы.
4. Устанавливать осветительные приборы на уровне поверхности.
5. Предусмотреть нанесение покрытия в случае установки осветительных приборов на таких поверхностях как цемент или бетон, для предотвращения возможного расширения или сжатия.
6. Установить эффективный дренаж для задержки воды, как минимум в 25 см гравия расположенного под структурой осветительного прибора. Адекватная дренажная система должна абсорбировать до 10 литров воды в течении 15 минут
7. Включить осветительный прибор за 20 минут до установки стекла для предотвращения водной конденсации.

WBUDOWYWANE OPRAWY PODŁOGOWE – DRENAŻ

Aby osiągnąć najlepszą wydajność należy bezwzględnie stosować się do instrukcji montażu lamp wbudowywanych.

1. Unikać montowania opraw w zagłębieniach terenu.
2. Unikać stosowania opraw w miejscach gdzie często zbiera się woda lub miejscach wilgotnych takich jak ogrody i trawniki.
3. Unikać kontaktu opraw z nawozami, ponieważ mogą one zniszczyć części opraw.
4. Wypoziomować oprawy.
5. Zastosować przerwy dylatacyjne przy montażu opraw w betonie, aby zapobiec ścisnaniu i rozszerzaniu.
6. Zastosować system drenażowy pod oprawą – co najmniej 25cm żwiru pod dnem oprawy. Właściwy drenaż powinien przepuszczać 10 litrów wody w 15 min.
7. Uruchom lampę na 20 minut bez przykrycia celem odparowania wilgoci.

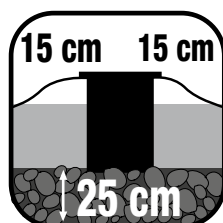


Tabla de resistencia a la corrosión Acero inoxidable / Corrosion resistance table of Stainless steel / Tableau de résistance à la corrosion de l'acier inoxydable / Korrosionsfeste Platte aus rostfreiem Stahl / Tabola di resistenza alla corrosione dell'acciaio / Tabela de resistência à corrosão do aço inoxidável / Таблица о ржавоустойчивости нержавеющей стали / TABELA OCHRONY ANTYKOROZYJNEJ STALI NIERDZEWNEJ

	AISI 202	AISI 304	AISI 316		AISI 202	AISI 304	AISI 316
Agua doméstica / Domestic water / Eau ménagère / Haushaltswasser / Acqua domestica / Água doméstica / Хозяйственно-бытовая вода / Woda domowa	OK	OK	OK	Vapor de agua / Water vapor / Vapeur d'eau / Wasserdampf / Vapore di acqua / Vapor de água / Пар / Para wodna	OK	OK	OK
Agua doméstica conteniendo cloro / Domestic water containing chloride / Eau ménagère contenant du chlore / Chlorenhaltendes Haushaltswasser / Acqua domestica contenente di cloro / Água doméstica contendo cloro / Хозяйственно-бытовая вода с хлором / Woda domowa z chlorem	X	X	OK	Limpiadores químicos quita cemento / Chemical cleaning for use on cement / Nettoyeurs chimiques lève ciment / Chemische Reiniger zur Zemententfernung / Prodotti chimici di pulizia per il cemento / Limpadores químicos para a remoção de cimento / Химические чистящие средства для цемента / Środki czyszczące do betonu	X	X	X
Agua de mar / Sea water / Eau de mer / Meerwasser / Acqua di mare / Água do mar / Морская вода / Woda morską	X	X	OK	Suelos con un PH alto o alcalinos / Floors with high PH or alkaline values / Terres avec un pH haut ou alcalins / Böden mit hohem PH-Wert oder alkalische Böden / Pavimenti con alto PH ed alcalini / Terrenos com um PH alto ou alcalinos / Поверхности с высоким водородным показателем или щелочные / Podlogi o wysokim pH i odczynie kwasowym	X	X	OK
Aire / Air / Luft / Aria / Ar / Воздух / Powietrze	OK	OK	OK	Fertilizantes y abonos químicos / Fertilizers and chemical fertilizers / Fertilisants et engrais chimiques / Düngemittel und chemische Dünger / Fertilizantes e prodotti chimici / Fertilizantes e adubos químicos / Удобрения и химические удобрения / Nawozy i nawozy szluczne	X	X	X
Atmósfera marina / Marine atmosphere / Atmosphère marine / Meeresatmosphäre / Atmosfera marina / Atmosfera marinha / Приморская атмосфера / Powietrze nadmorskie	X	X	OK				

LIMPIEZA Y MANTENIMIENTO DEL ACERO INOXIDABLE

Por su excelente resistencia y belleza, el acero inoxidable es un material de fácil conservación, tendiéndose a veces a tener la errónea idea de que no requiere mantenimiento. Pero es necesario seguir unas recomendaciones mínimas durante su almacenamiento, manipulación y uso. Una limpieza adecuada permite mantener inalteradas sus características originales, preservando su resistencia a la corrosión y apariencia.

Durante las tareas de limpieza, asegurar que se eliminan las acumulaciones de contaminantes llevados por el aire. Esto es muy importante en lugares industriales o marítimos ya que pueden provocar corrosión localizada si no se eliminan eficazmente.

Para eliminar la suciedad sobre la superficie, se debe utilizar un paño húmedo o una gamuza. En caso de suciedad más difícil, utilizar detergentes suaves de uso doméstico con estropajos o cepillos suaves de nylon (no usar estropajos de acero). Después de limpiar, elimine los residuos con agua desionizada y seque la superficie.

La frecuencia para una limpieza regular es de 6-12 meses para una suciedad moderada y de 3-6 meses cuando es más abundante, o para ambientes en que se den las siguientes condiciones:

- atmósferas marinas - ambientes repletos de contaminantes industriales - sal pulverizada proveniente de la sal utilizada en carreteras - suciedad atmosférica y del tráfico.

No deben usarse limpiadores que contengan cloruros ni lejías. Encontrará información más detallada en: www.leds-c4.com

CLEANING AND MAINTENANCE OF STAINLESS STEEL

Stainless steel is a highly resistant beautiful material being easy to conserve. However, it does require maintenance. For this reason, it is necessary to follow some minimum recommendations during its storage, manipulation and use. Correct cleaning preserves its original characteristics, especially its resistance to corrosion.

During cleaning it is important to clean the contaminating agents which are present in the atmosphere. This is particularly the case in industrial places or close to a marine environment, as these areas can cause localized corrosion if they are not efficiently eliminated.

A damp cloth or chamois leather cloth should be used to eliminate the dirt on the surface. In case of extra dirt, gentle detergents suitable for domestic use should be used with non abrasive scrubbers or nylon brushes (no metal scrubbers). After cleaning wipe away the residue with water and dry surface.

The recommended frequency is every 6-12 months for moderate dirt and 3-6 months for heavy dirt or for the following situation:

- Marine atmosphere - Industrial contaminated areas - Salt from road gritting - Dirt from traffic.

No cleaning agents that contain chloride or bleach should be used. You can find further information at: www.leds-c4.com

NETTOYAGE ET ENTRETIEN DE L'ACIER INOXYDABLE

Du fait de son excellente résistance et de sa beauté, l'acier inoxydable est un matériau facile à conserver. Il exige toutefois plus tenaces, utilisez des détergents doux à usage ménager combinés à des éponges ou brosses douces en nylon (pas d'éponge métallique). Après le nettoyage, éliminez les résidus avec de l'eau déionisée et séchez la surface.

Il est conseillé de nettoyer tous les 6-12 mois en cas de salissures modérées et tous les 3-6 mois en cas de salissures plus incrustées ainsi que dans les circonstances suivantes : milieu marin, milieu riche en contaminants industriels, projections de sel d'épandage, impuretés atmosphériques et dues à la circulation routière.

N'utilisez pas de produits nettoyants contenant des chlorures ou de l'eau de javel.

Vous trouverez de plus amples informations sur le site : www.leds-c4.com

REINIGUNG UND INSTANDHALTUNG VON ROSTFREIEM STAHL

Aufgrund seiner hohen Beständigkeit und seines attraktiven Erscheinungsbildes ist rostfreier Stahl ein einfaches Instand zu haltendes Material. Viele neigen daher zur irrtümlichen Annahme, dass rostfreier Stahl keine Wartung benötigt. Nichtsdestoweniger sollte man sich bei seiner Lagerung, Handhabung und seinem Gebrauch an gewisse Mindestanweisungen halten. Eine angemessene Reinigung trägt dazu bei, seine Eigenschaften im ursprünglichen Zustand zu erhalten, seine Korrosionsbeständigkeit zu erhöhen und sein attraktives Aussehen zu bewahren.

Während der Reinigung sollte man darauf achten, dass alle verunreinigenden Stoffe, die durch die Luft auf das Metall übertragen wurden, vollkommen entfernt werden. Dies ist besonders in den Bereichen der Industrie und der Seefahrt wichtig, denn werden diese Stoffe nicht auf wirksame Weise entfernt, so können sie an bestimmten Stellen Korrosionserscheinungen hervorrufen.

Für die Entfernung der Verunreinigungen von der Oberfläche ist ein feuchtes Tuch oder ein Wischlappen zu benutzen. Bei hartnäckigem Schmutz können milde Haushaltsreiniger mit weichen Scheuerlappen oder Nylonbürsten (keine Scheuerschwämme aus Stahl verwenden) eingesetzt werden. Danach müssen die Rückstände des Reinigers mit entionisiertem Wasser abgespült und die Oberfläche abgetrocknet werden.

Eine regelmäßige Reinigung sollte bei mäßigem Schmutzfall alle 6-12 Monate durchgeführt werden, bzw. alle 3-6 Monate bei stärkerem Schmutzfall oder bei Vorliegen der folgenden Bedingungen:

- im Meerwasserbereich - in Bereichen mit starker industriell bedingter Verschmutzung - bei Einwirkung von Streusalz, das auf den Straßen eingesetzt wird - wetter- oder verkehrsbedingter Schmutzfall.

Es dürfen keine Reiniger benutzt werden, die Chloride oder Laugen enthalten.

Ausführlichere Information finden Sie in: www.leds-c4.com

PULIZIA E MANTENIMENTO DELL'ACCIAIO INOSSIDABILE

Per sua particolare resistenza e bellezza, l'acciaio inossidabile è un materiale di facile conservazione, è però necessaria una po' di manutenzione.

È necessario seguire qualche raccomandazione durante l'immagazzinamento, manipolazione ed uso. La pulizia appropriata permette di conservare la sua caratteristica originale, non solo la resistenza alla corrosione ed il suo aspetto.

Durante la pulizia, bisogna assicurarsi che gli accumuli di sostanze contaminanti portate dall'aria siano rimossi. Ciò è particolarmente importante in ambienti marini ed industriali, questi possono dar luogo a corrosione localizzata, se non rimossi accuratamente.

Per rimuovere uno sporco leggero o le impronte, è consigliabile usare un panno umido o di pelle scamosciata. Invece per lo sporco più consistente è consigliabile usare dei prodotti di uso domestico, spugnette oppure spazzole soffici (assolutamente non usare pagliette abrasive o metalliche). Dopo aver effettuato un'appropriate pulizia, rimuovere i residui con acqua preferibilmente deionizzata ed asciugare.

Si consiglia una pulizia ogni 6-12 mesi per uno sporco leggero, ed ogni 3-6 mesi per quello più pesante derivante dagli ambienti sotto citati:

- atmosfere marine - ambienti carichi di prodotti industriali inquinanti - spruzzi di acqua contenenti il sale anti ghiaccio sparso sulle strade - inquinamento atmosferico e da traffico.

Non devono essere usati dei prodotti contenenti cloruri e neanche candeggine a base di acido ipoclorico. Troverete informazioni più specifiche sul sito: www.leds-c4.com

LIMPEZA E MANUTENÇÃO DO AÇO INOXIDÁVEL

Dada a sua excelente resistência e beleza, o aço inoxidável é um material de conservação fácil, tendendo-se por vezes a ficar com a ideia de que não necessita de manutenção. No entanto é necessário que se sigam recomendações mínimas durante o seu armazenamento, manuseamento e uso. Uma limpeza adequada permite que se mantenham inalteradas as suas características originais, preservando a sua resistência à corrosão e o seu aspecto.

Durante as tarefas de limpeza, certifique-se de que são eliminadas as acumulações de contaminantes transportados pelo ar. Isto é muito importante em locais industriais ou marítimos, dado que tais contaminantes podem provocar corrosão localizada se não forem eficazmente eliminados.

Para eliminar a sujidade existente à sua superfície, deve-se utilizar um pano húmido ou uma camuza. No caso de sujidade mais difícil, devem ser utilizados detergentes suaves de uso doméstico, com esfregões ou escovas suaves de nylon (não se devem usar esfregões de aço). Depois da limpeza, devem ser eliminados os resíduos com água desionizada e secar a superfície.

Para uma limpeza regular, a frequência é de 6-12 meses para sujidade moderada e de 3-6 meses para sujidade mais abundante, ou para ambientes em que se verifiquem as condições seguintes:

- atmosferas marinhas - ambientes repletos de contaminantes industriais - sal pulverizado proveniente do sal utilizado nas estradas - sujidade atmosférica e do trânsito.

Não se devem usar produtos de limpeza que contenham cloratos ou lixívia.

Pode encontrar informações mais detalhadas em: www.leds-c4.com

ЧИСТКА И УХОД ЗА НЕРЖАВЕЮЩЕЙ СТАЛЬЮ

Благодаря своим эстетическим характеристикам и долголетию, нержавеющая сталь является материалом, способным при ее правильном уходе сохранять свой первоначальный вид очень долгое время. Необходимо придерживаться минимальных рекомендаций распространяющихся на уход, хранение и использование. Адекватная чистка позволит сохранить первоначальные качества, а также внешний вид и устойчивость к ржавчине. В процессе чистки обратите внимание на удаление с поверхности всего накопившегося загрязнения.

Важно следовать этому требованию в промышленных или приморских районах, так как неправильная чистка может привести к образованию ржавчины.

Используйте влажную тряпку или кусок замши для удаления грязи с поверхности. При особом загрязнении используйте мягкие моющие средства для домашнего пользования, и мягкие скребки или нейлоновые шетки (не допускайте использование металлических щеток). После чистки сполосните водой и высушите поверхность.

При среднем загрязнении чистка должна производиться через каждые 6-12 месяцев, и каждые 3-6 месяцев при сильном загрязнении или при наличии следующих условий окружающей среды:

- приморский район - при сильном промышленном загрязнении - использовании соли на дорогах.

Не использовать чистящие средства, содержащие хлор или отбеливатель

Вы сможете получить дополнительную информацию, зайдя на интернет-страницу www.leds-c4.com

CZYSZCZENIE I KONSERWACJA STALI NIERDZEWNEJ

Stal nierdzewna to piękny i wysoce odporny materiał łatwy w konserwacji. Mimo to, należy o niego dbać. Dlatego ważne jest aby przetrzeć kilka zasad przy przechowywaniu, obróbce i użytkowaniu stali nierdzewnej. Ważne jest utrzymanie właściwości fizyczne, a w szczególności odporność na korozję.

Czyszcząc ważne jest użycie substancji niekorzystnie wpływających na stal, obecnych w atmosferze. Ważne jest to zwłaszcza w otoczeniu przemysłowym lub morskim, gdzie niedokładnie wyczyszczone powierzchnie mogą powodować miejscową korozję. Wilgotna ściereczka, lub ściereczka zamiatkowa powinny być używane do czyszczenia stali nierdzewnej. W przypadku mocniejszych zabrudzeń można użyć domowych detergentów i nie metalowej szorstki. Po czyszczeniu należy powierzchnię zmoczyć wodą i wytrzeć do sucha. Zaleca się czyszczenie co 6-12 miesięcy przy niskim zanieczyszczeniu, i co 3-6 miesięcy przy wysokim zanieczyszczeniu lub w następujących warunkach:

- morska atmosfera -miejsca skażone przemysłowo -sól do posypywania dróg -bród z ruchu kołowego -Nle stosować środków zawierających chlor lub wybielacz.

Więcej informacji na www.leds-polska.pl

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Clase I	Class I	Classe I	Klasse I
	Clase II	Class II	Classe II	Klasse II
	Clase III	Class III	Classe III	Klasse III
	Sistema de codificación para indicar el grado de protección proporcionado por un envoltorio contra la entrada de elementos sólidos y líquidos	A coding system that shows the degree of protection that a casing provides against the penetration of solid objects or dust and liquids	Système de codification permettant d'indiquer le degré de protection procuré par une enveloppe contre la pénétration de corps solides, poussières et liquides	Dieses Codierungssystem dient zur Angabe des Schutzgrades, der mit einer besonderen Verkleidung zum Schutz gegen das Eindringen fester Gegenstände, Staub oder Flüssigkeiten erreicht wird
	Sistema de codificación para indicar el grado de protección proporcionado por un envoltorio contra los impactos mecánicos nocivos. Energía de impacto (Jules)	It is a coding system that shows the level of protection that a casing provides against damaging mechanical impacts. Energy of impact (Joules)	Système de codification permettant d'indiquer le degré de protection procuré par une enveloppe contre les impacts mécaniques nuisibles. Energie d'impact (en Joules)	Dieses Codierungssystem dient zur Angabe des Schutzgrades, der mit einer besonderen Verkleidung zum Schutz gegen schädliche mechanische Einflüsse erreicht wird. Schlagenergie (Joule)
	Luminarias no adecuadas para cubrirse con material aislante térmico	Luminaires should never be covered with any heat insulating material	Ces luminaires ne doivent pas être recouverts de matériau thermo-isolant	Leuchte nicht geeignet zur Abdeckung mit Wärmeisoliermaterial
	Luminarias no adecuadas para el montaje directo en superficies normalmente inflamables	Non suitable for direct installation on normally inflammable surfaces	Luminaires non destinés à une installation directe sur des surfaces normalement inflammables	Montage auf normal entflammbaren Oberflächen nicht zulässig
	Resistente al hilo incandescente a 850°C	Resistance to incandescent wire at 850°C	Tenue au feu 850°C	Glühdrahtbeständig auf 850°C
	Distancia mínima entre el foco de la luminaria y el objeto iluminado	Minimum distance to be left between the focus of the lighting fixture and the lightened object	Distance minimale entre le foyer du luminaire et l'objet éclairé	Mindestabstand zwischen dem Scheinwerfer der Leuchte und dem beleuchteten Gegenstand
	Uso independiente	Independent use	Utilisation indépendante	Unabhängiger Betrieb
	Diámetro de empotramiento	Hole diameter for recessing	Diamètre d'encastrement	Einbaudurchmesser
	Corte de empotramiento.	Hole dimensions for recessing	Coupe d'encastrement	Einbauschnitt
	Los anclajes permiten su instalación en techos de X mm a X mm	The fixing can be used on X mm - X mm ceilings	Les fixations permettent d'installer le modèle sur des plafonds de X à X mm	Die Federn gestatten eine Installation an Decken von X mm bis X mm
	Equipo no incluido	Gear not included	Équipement non compris	Vorschaltgerät nicht inklusive
	Equipo electrónico	Electronic gear	Équipement électronique	Elektronisches Vorschaltgerät
	Equipo magnético	Magnetic gear	Équipement magnétique	Magnetisches Vorschaltgerät
	Unidades de embalaje	Items per box	Unité d'emballage	Verpackungseinheiten
	Ver página xxx	See page xxx	Voir page XXX	Siehe Seite XXX
	Modelos registrados	Registered models	Modèles enregistrés	Eingetragene Modelle
	Luz cálida	Warm light	Lumière chaude	Warmweißes Licht
	Luz natural	Natural light	Lumière naturelle	Neutralweißes Licht
	Luz fría	Cold light	Lumière froide	Kaltweißes Licht
	Luz RGB	RGB light	Lumière RGB	RGB Licht
Lm	Flujo nominal bajo condiciones reales de trabajo (Tj=85°)	Design flow under real working conditions (Tj=85°)	Flux nominal dans des conditions réelles de fonctionnement (Tj=85°)	Nennlichtstrom unter tatsächlichen Betriebsbedingungen (Tj=85°)
	Regulador de intensidad	Dimmer	Régulateur d'intensité	Mit Dimmer




























	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	Classe I	Classe I	Класс I	Klasa I
	Classe II	Classe II	Класс II	Klasa II
	Classe III	Classe III	Класс III	Klasa III
	Sistema di codificazione per indicare il grado di protezione offerto da un involucro contro la penetrazione di oggetti solidi, di polvere, o di liquidi	Sistema de codificação para a indicação do grau de proteção proporcionado por um invólucro contra a penetração de objectos sólidos ou pó e líquidos	Система кодирования для обозначения степени защиты корпуса от попадания твердых и жидких элементов	System kodowania wskazujący na stopień ochrony przed wnikaniem ciał obcych, kurzu i wody
	Sistema di codificazione per indicare il grado di protezione fornito da un rivestimento contro gli impatti meccanici dannosi. Energia di impatto (Joule)	Sistema de codificação para indicar o grau de proteção proporcionado por um revestimento contra os impactos mecânicos nocivos. Energia de impacto (Jules)	Система кодирования для обозначения степени защиты корпуса от механических ударов. Сила удара (в Дж)	System kodowania dla wskazania stopnia ochrony obudowy przed szkodliwymi uderzeniami mechanicznymi (Dzule)
	Apparecchi inappropriati per essere coperti con materiale isolante termico	Estas luminárias não podem ser cobertas com material isolante térmico	Не допускается теплоизоляция данных светильников	Oprawy nigdy nie powinny być przykrywane materiałem izolującym ciepło
	Apparecchi inappropriati per montaggio su superfici infiammabili	Estas luminárias não podem ser montadas diretamente sobre superfícies normalmente inflamáveis	Не допускается установка данных светильников на легковоспламеняющихся поверхностях	Nie instalować bezpośrednio na powierzchniach łatwopalnych.
	Resistente al filo incandescente 850°C	Resistente ao fio incandescente a 850°C	Прошло испытание спиралью накаливания 850°C	Odpornośćna drut żarowy o temperaturze 850°C
	Distanza minima tra la lampada e l'oggetto illuminato	Distância mínima entre o foco da luminária e o objecto iluminado	Минимальное расстояние между световым фокусом и освещаемым объектом	Minimalna odległość do zachowania pomiędzy czołem lampy a oświetlanym obiektem
	Uso indipendente	Utilização independente	Независимое использование	Niezależne zastosowanie
	Diametro di incasso	Diâmetro de encastramento	Диаметр отверстия для встроенного монтажа	Średnica wbudowania
	Foro di incasso	Corte de encastramento	Размер отверстия для встроенного монтажа	Przekrój wbudowania
	I fissaggi consentono l'installazione dell'articolo su soffitti da X mm a X mm	As fixações permitem a sua instalação em tectos de X mm a X mm	Зажимы обеспечивают монтаж в потолок толщиной от X мм до X мм	Kotwienia pozwalają na jego zainstalowanie na sufitach wynoszących od X mm do X mm
	Trasformatore non incluso	Equipamento não incluído	Оборудование не включено	Zasilacz nie dołączony
	Trasformatore elettronico	Aparelho electrónico	Электронный балласт	Osprzęt elektroniczny
	Trasformatore magnetico	Equipamento magnético	Магнитный балласт	Osprzęt magnetyczny
	Unità d'imballaggio	Uds. de embalagem	Количество единиц в коробке	Sztuk w pudełku
	Consultare pagina XXX	Ver página XXX	См. стр. XXX	Zobacz stronę XXX
	Modelli registrati	Modelos registados	Зарегистрированные модели	Modele zastrzeżone
	Luce calda	Luz quente	Теплый белый свет	Ciepłe światło
	Luce naturale	Luz natural	Натуральный белый	Światło naturalne ciepłe
	Luce fredda	Luz fria	Холодный белый свет	Zimne światło
	Luce RGB	Luz RGB	Свет RGB	Światło RGB
	Flusso nominale in condizioni reali di lavoro (Tj=85°)	Fluxo nominal baseado em condições reais de trabalho (Tj=85°)	Номинальный поток в реальных рабочих условиях (Tj=85°)	Znamionowy przepływ w rzeczywistych warunkach pracy (Tj=85°)
	Regolatore d'intensità	Com regulador de intensidade	Регулятор яркости	Ściemniacz

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Grados de inclinación	Inclination degrees	Degrés d'inclinaison	Neigungsgrad
(S)	Consultar disponibilidad	Check availability	Vérifiez la disponibilité	Bitte nach Verfügbarkeit fragen
	Eficiencia	Efficiency	Efficiéce	Effizienz
	Tensión de entrada	Supply voltage	Tension d'entrée	Eingangsspannung
	Intensidad de corriente máxima	Maximum current intensity	Intensité de courant maximale	Maximale Stromstärke
	Amperios	Amperes	Ampères	Ampere
	Corriente continua	Direct current	Courant continu	Wechselstrom
	Corriente alterna	Altern current	Courant alternatif	Altern Strom
	Exterior	Outdoor	Extérieur	Außen
	Interior	Indoor	Intérieur	Innen
	Extensión de garantía	Warranty extension	Extension de garantie	Verlängerung der Garantie
	Vida útil	Lamp life	Durée de vie utile	Nutzungsdauer
	Interruptor de encendido	On•off switch	Interrupteur simple allumage	Schalter
	Doble interruptor de encendido	Double on•off switch	Interrupteur double allumage	Doppel Schalter
	Interruptor de encendido en el cable	Cable on•off switch	Interrupteur d'allumage sur le câble	Schalter am Kabel
	Interruptor de cuerda	Pull cord switch	Interrupteur a ficelle	Strickschalter
	Regulador de intensidad	Dimmer	Régulateur d'intensité	Mit dimmer
	Apto para posición vertical y horizontal	Suitable for vertical and horizontal mounting	Installation en position verticale et horizontale	Senkrecht und waagrecht geeignet
	Orientable	Adjustable	Orientable	Verstellbar
	No orientable	Non adjustable	Non orientable	Nicht verstellbar
	Espejo de aumento x3	Magnifying mirror x3	Miroir grossissant x3	3-fach Vergrößerungsspiegel
	Dirección del halo de luz	Halo light direction	Direction du faisceau lumineux	Halo Lichtrichtung
	Mando a distancia	Remote control	Télécommande	Fernbedienung
	Mando a distancia no incluido	Remote control not included	Télécommande non compris	Fernbedienung nicht inklusive
	Controlador con mando a distancia	Controller with remote control	Contrôleur avec télécommande	Controller mit Fernbedienung
	Mando de pared	Wall Remote Control	Télécommande murale	Wandbedienung


	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	Gradi di inclinazione	Graus de inclinação	Угол регулировки	Stożenie uchyłu
	Verificare la disponibilità	Consultar disponibilidade	Проверить наличие	Dostępność
	Efficienza	Eficiência	Эффективность	Skuteczność
	Tensione d'entrata	Tensão de entrada	Напряжение на входе	Napięcie zasilania
	Intensità di corrente massima	Intensidade de corrente máxima	Максимальный ток	Maksymalne natężenie prądu
	Ampere	Amperes	Амперы	Amperów
	Corrente continua	Corrente contínua	Постоянный ток	Prąd stały
	Corrente discontinua	Corrente alterna	Переменный ток	Prąd przemienny
	Esterno	Exterior	Для внешнего освещения	Zewnętrzny
	Interno	Interior	Для внутреннего освещения	Wewnętrzny
	Estensione di garanzia	Extensão de garantia	Продление гарантии	Przedłużenie gwarancji
	Vita utile	Vida útil	Срок службы	Okres eksploatacji
	Interruttore di accensione	Interruptor on•off	Клавишный выключатель	Włącznik
	Doppio interruttore di accensione	Duplo interruptor on•off	Два клавишных выключателя	Włącznik podwójny
	Interruttore d'accensione nel cavo	Cabo com interruptor on-off	Выключатель на проводе	Wyłącznik w przewodzie
	Interruttore di corda	Interruptor de cordão	Веревочный выключатель	Włącznik sznurowy
	Con regolatore d'intensità	Com regulador de intensidade	Регулятор яркости	Ścieniacz
	Adatto sia in verticale che in orizzontale	Apto para posição vertical e horizontal	Вертикально-горизонтальное расположение	Montaż poziomy i pionowy
	Orientabile	Orientável	Регулируемый	Regulowane
	Non orientabile	Não orientável	Нерегулируемый	Nieregulowane
	Lente d'ingrandimento x3	Espelho de aumento x3	Зеркало с увеличением x3	Lustro powiększające x3
	Direzione del fascio	Direcção do feixe de luz	Направление света	Kierunek łuny światła
	Telecomando	Comando à distância	Пульт управления	Pilot zdalnego sterowania
	Telecomando non incluso	Comando à distância nao incluído	Пульт управления не включен	Pilot zdalnego sterowania nie dołączony
	Regolatore con telecomando	Controlador com comando à distância	Контроллер с дистанционным управлением	Kontroler z pilotem zdalnego sterowania
	Comando da parete	Comando de parede	Настенный пульт управления	Sterownik ścienny

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Mando de pared no incluido	Wall Remote Control not included.	Télécommande murale non fournie	Wandbedienung nicht enthalten
	Toma de corriente	Socket	Prise de courant	Stromanschluss
	Velocidades	Speeds	Vitesses	Geschwindigkeiten
	Motor de corriente continua	Direct current motor.	Moteur à courant continu	Gleichstrommotor
	Revoluciones por minuto	Revolutions per minute	Tours par minute	Umdrehungen pro Minute
	Silencioso	Quiet	Silencieux	Lautlos
	Función inversa	Reverse function	Fonction inverse	Winter-und Sommerbetrieb
	Palas reversibles	Reversible blades	Lames réversibles	Zweifarbige umkehrbare Flügel
	Barras	Downrods	Barres	Stangen
	Ahorro energético del X%	Up to X% energy saving	Économie d'énergie de X %	Energieersparnis von X %
	Fotometría	Photometric Data	Données photométriques	Fotometrie
	Equivalente a	Brighter as	Eclaire comme	Heller wie
	Metros cuadrados iluminados con una unidad del producto	Square meters illuminated by each product unit	Mètres carrés éclairés avec une unité du produit	Mit einer Mengeneinheit beleuchtete Quadratmeter
	Ángulo de detección	Detection angle	Angle de détection	Ortungswinkel
	Distancia de detección	Detection distance	Distance de détection	Ortungsabstand
	Permite regular el tiempo de encendido	Allows you to regulate the time for the "on" switch	Permet de régler la durée d'allumage	Regulierung der Einschaltzeit möglich
	Permite regular la sensibilidad del sensor	Allows you to regulate the sensor sensitivity	Permet de régler la sensibilité du capteur	Regulierung der Sensorempfindlichkeit möglich
	Duración máxima de encendido continuado	Maximum duration of continual usage	Durée maximale d'allumage continu	Maximale durchgängige Einschaltzeit
	Tiempo necesario para una carga completa de la batería	Time necessary to fully charge the battery	Délai nécessaire pour une charge complète de la batterie	Akkuladedauer
	Pilas incluidas	Batteries included	Piles fournies	Batterien inklusive
	Ángulo de la ópticas	Lents angle	Angle des lentilles	Ausstrahlwinkel der Linsen
	Canales	Channels	Canaux	Kanäle
	xx cambios de color	xx changing colorus	xx changements de couleur	xx Farben
	Nº de metros máx. de conexión en serie	Max. no. of metres in serial connection	Longueur max. (en mètres) de raccordement en série	Max. Länge in Metern bei Reihenanschluss
	Posibilidad de cortar cada x leds	Option to cut every x leds	Mètres de connexion continue	Möglichkeit zu schneiden je x LED
	x metros de cable	x meters of cable	x mètre de câble	x Meter langes Kabel
	Cabezales con rotación de XX°	X° rotatable end caps	Têtes à rotation de X°	Köpfe mit XGrad-Drehung
	Reflector direccional	Directional reflector	Réflecteur directionnel	Einbaustrahler
	Disipación activa	Active dissipation	Dissipateur de chaleur intégré	Aktive Wärmeableitung
	Panel de abeja	Honeycomb	Rayon de miel	Honigwabe











	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	Comando da parete non incluso	Comando de parede não incluído	Настенный пульт управления не включен	Nie zawiera sterownika ściennego
	Presa di corrente	Tomada de corrente	С выходом для проводного подключения	Gniazdo
	velocità	velocidades	скорости	prędkości
	Motore a corrente continua	Motor de corrente contínua	Мотор постоянного тока	Silnik prądu stałego
	RPM	Rotações por minuto	Вращений в минуту	Obroty na minutę
	Silenzioso	Silencioso	Бесшумно	Cichy
	Funzione inversa	Função inversa	функция обратного движения	Funkcja odwrotna
	Pale reversibili	Palas reversíveis	Двухсторонние сменные лопасти	Obracalne śmigła
	Barre	Barras	балка	poprzeczki
	Risparmio energetico del X%	Poupança energética de X%	Экономия электроэнергии в %	Oszczędność energetyczna wynosząca X%
	Fotometria	Fotometria	Фотометрия	Fotometria
	Pari a	Equivalente a	Равняется	Odpowiada
	Metri quadrati illuminati con unità del prodotto	Metros quadrados iluminados com uma unidade do produto	Площадь, освещаемая одним прибором (м кв.)	Metrów kwadratowych oświetlonych jedną jednostką produktu
	Angolo di rilevamento	Ângulo de deteção	Угол обнаружения	Kąt wykrywania
	Distanza di rilevamento	Distância de deteção	Дистанция обнаружения	Odległość wykrywania
	Consente di regolare il tempo di accensione	Permite regular o tempo de acendimento	Позволяет регулировать продолжительность свечения	Pozwala na regulowanie czasu palenia się
	Consente di regolare la sensibilità del sensore	Permite regular a sensibilidade do sensor	Позволяет регулировать чувствительность датчика	Pozwala na regulowanie czułości czujnika
	Durata massima di accensione continuata	Duração máxima de acendimento contínuo	Максимальная продолжительность непрерывного свечения	Maksymalny czas ciągłego palenia się
	Tempo necessario per la ricarica completa della batteria	Tempo necessário para a carga completa da bateria	Время, необходимое для полного заряда батареи	Czas potrzebny do pełnego naładowania baterii
	Pile incluse	Pilhas incluídas	Батарейки в комплекте	Łącznie z bateriami
	Angolo delle lenti	Ângulo das lentes	Угол отражения оптической части	Kąt układu optycznego
	Canali	Canais	Каналы	Kanałów
	xx cambi colori	xx mudança de cor	xx вариантов цвета	xx zmiennych kolorów
	N° massimo di metri di connessione in serie	N° de metros máximo de ligação em série	Максимальное кол-во метров для подключения в серии	Maksymalna długość w m przy połączeniu szeregowym
	Possibilità di tagliare ogni x led	N° de metros máximo de ligação em série	Возможность среза через каждые x светодиодов	Możliwość cięcia co x LEDów
	x metri di cavo	x metros de cabo	x метров провода	x metrów przewodu
	Testine con rotazione di X°	Cabeças com rotação de X°	Шарниры с углом поворота в X°	Głowice o obrocie wynoszącym X°
	Riflettore direzionale	Reflector direccional	Рефлектор направленности света	Reflektor regulowany
	Dissipazione attiva	Dissipação activa	Система охлаждения	Aktywne odprowadzanie ciepła
	Struttura a nido di vespe	Estrutura tipo "favo de mel"	Соты	Płyta o strukturze plastra miodu

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Filtro	Filter	Filtre	Filter
	Aletas antideslumbrantes	Anti-glare directional flaps	Ailettes anti-éblouissement	Blendschutzflügel
	Rango de temperatura de trabajo	Range of operating temperature	Plage de température de travail	Bereich der Betriebstemperatur
	Caja para empotrar incluida	Recessed box included	Boîte à encastrer incluse	Einbaubox inklusive
	Doble salida de cable	Double cable output	Double sortie de câble	Zwei Kabelausgänge
	Empotrable para zona peatonal	Downlight for pedestrian crossing	Encastré pour zone piétonnière	Einbauleuchte für Fussgängerübergang
	ATENCIÓN - Esta luminaria puede soportar una carga estática limitada. ES APTA para zonas donde eventualmente circulan vehículos a baja velocidad. NO ES APTA para zonas de paso habitual de vehículos	ATTENTION - This light fixture can withstand a limited static load. SUITABLE for areas with low-speed vehicles. NON SUITABLE for high traffic areas	ATTENTION - Ce luminaire peut supporter une charge statique limitée. IL EST ADAPTÉ aux zones de circulation occasionnelle de véhicules à basse vitesse. IL N'EST PAS ADAPTÉ aux zones de circulation habituelle de véhicules	ACHTUNG - Diese Leuchte kann eine statische Belastung halten. Die Leuchte ist GEEIGNET für eventuell Kriechverkehr-Bereiche. Die Leuchte ist NICHT GEEIGNET für Fahrzeug-Verkehrsbereiche
	Drenaje	Drainage	Drainage	Dränage
	Estaca de plástico incluida	Plastic spike included	Piquet en plastique inclus	Erdspieß inklusive
	Accesorio reflector incluido	Reflector accessory included	Accessoire réflecteur compris	Zubehör, Reflektor inklusive
	Guía de instalación	Installation guide	Guide d'installation	Einbauanleitung
	Mantenimiento sin herramientas	Maintenance without tools	Entretien sans outils	Instandhaltung ohne Werkzeuge
	Producto sin barniz. Se puede usar un estropajo abrasivo para el mantenimiento	Non varnished product. An abrasive scourer can be used for maintenance	Produit non verni. Entretien possible uniquement à l'aide de chiffons doux non abrasifs	Artikel nicht lackiert. Zur Pflege kann ein Scheuerschwamm verwendet werden
	Producto barnizado. Usar sólo paños suaves no abrasivos para el mantenimiento	Varnished product. Use non abrasive soft clothes only for maintenance	Produit verni. Utilisez des vêtements non abrasifs doux pour la maintenance	Artikel lackiert. Zur Pflege nur weiche, nicht scheuernde Tücher verwenden
	Cristal de recambio de cortesía	Courtesy spare glass included	Verre de rechange fourni	Zusätzliche Ersatzteile aus Glas zum Auswechseln
	Temperatura en la superficie menor de 40°C	Temperature on the surface under 40°C	Température de surface inférieure à 40°C	Oberflächentemperatur unter 40°C
	Temperatura en la superficie entre 40 y 80°C	Temperature on the surface between 40 and 80°C	Température de surface comprise entre 40 et 80°C	Oberflächentemperatur zwischen 40 und 80°C
	Temperatura en la superficie superior a 80°C	Temperature on the surface over 80°C	Température de surface supérieure à 80°C	Oberflächentemperatur über 80°C
	Filtro Difusor	Difuser Filter	Filtre diffuseur	Filter Diffusor
	Filtro 3000K	3000K Filter	Filtre 3000°K	Filter 3.000° Kelvin
	Fotometría asimétrica	Asymmetrical photometry	Photométrie asymétrique	Asymmetrische Fotometrie
	Fotometría simétrica	Symmetrical photometry	Photométrie symétrique	Symmetrische Fotometrie
	Cumplimiento con las normativas vigentes anticontaminación lumínica	According to regulations in force about luminic pollution	Conforme à la réglementation en vigueur contre la pollution lumineuse	Erfüllung der geltenden Vorschriften über Grenzwerte der Lichtverschmutzung
	Protección térmica	Thermal cut-off	Protection thermique.	Thermischer Schutz
	Luminaria	Luminaire	Luminaire	Leuchte
	Bloque óptico	Optical Assembly	Bloc optique	Optikgehäuse
	Permite instalación LATERAL de ØXmm	LATERAL installation for ØXmm	Permet une installation LATÉRALE de ØX mm	Ermöglicht die Befestigung von oben mit ØXmm
















	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	Filtro	Filtro	Фильтр	Filtr
	Alette rompiflusso	Alhetas anti-encandeamento	Противослепящие заслонки	Klapy przeciwośnieniowe
	Livello di temperatura di esercizio	Intervalo de temperatura de funcionamento	Разброс рабочей температуры	Zakres temperatury pracy
	Cassaforma inclusa	Caixa para embutir incluída	Корпус-коробка из технополимера для встраивания прилагается	Puszka montażowa w komplecie
	Cavo a doppia uscita	Dupla saída de cabos	Двойной выход для кабеля	Podwójne gniazdo kabla
	Carrabile per zona pedonale	Encastrável para zona pedonal	Локальный светильник для пешеходной зоны	Downlight na przejścia dla pieszych
	ATTENZIONE- Questa lampada è in grado di sopportare un carico statico limitato. È VALIDO in zone stradale con traffico a bassa velocità. NON È VALIDO per zone stradali con traffico a velocità media	ATENÇÃO - Esta luminária pode suportar uma carga estática limitada. É ADEQUADA para zonas onde, eventualmente, circulem veículos a baixa velocidade. INADEQUADA para zonas de passagem habitual de veículos	ВНИМАНИЕ - Данный светильник выдерживает ограниченное статическое напряжение. ПРИГОДЕН на участках периодического передвижения транспорта на низкой скорости. НЕ ПРИГОДЕН на участках постоянного движения транспортного потока	UWAGA - Ta oprawa może wytrzymać ograniczone natężenie statyczne. Właściwa dla mało uczęszczanych miejsc. Niewłaściwa dla miejsc o wysokim ruchu kołowym
	Drenaggio	Drenagem	Дренаж	Drenaż
	Picchetto di terra, in plastica, inclusa	Estaca de plástico incluída	Пластиковый шип прилагается	Plastikowy szpikulec w komplecie
	Accessorio riflettore incluso	Accessório refletor incluído	Прилагается отражающий аксессуар	Części reflektorowe w komplecie
	Guida di installazione	Guia de instalação	Пособие по установке	Instrukcja instalacji
	Manutenzione senza attrezzi	Manutenção sem ferramentas	Техническое обслуживание без инструментов	Obsługa beznarzędziowa
	Prodotto senza vernice. Per la manutenzione si può utilizzare uno strofinaccio abrasivo	Produto sem verniz. Para a manutenção, pode-se utilizar um esfregão abrasivo	Продукт без лакировки. Разрешается использование абразивной мочалки для ухода за продуктом	Produkt bez lakierowania. Można użyć ścierniaka zmywaka dla konserwacji
	Prodotto verniciato. Per la manutenzione utilizzare soltanto panni morbidi e non abrasivi	Produto envernizado. Para a manutenção, utilizar apenas panos macios não abrasivos	Продукт с лакировкой. Использовать только мягкие неабразивные салфетки для ухода за продуктом	Produkt lakierowany. Używać tylko delikatnych, nieścierających ściereczek dla konserwacji
	Vetro di ricambio omaggio	Vidro de substituição incluído	Бесплатно прилагается запасное стекло	Zapasowe szkło w komplecie
	Temperatura alla superficie minore di 40 °C	Temperatura na superfície inferior a 40°C	Температура поверхности менее 40°C	Temperatura powierzchni poniżej 40 °C
	Temperatura alla superficie tra 40 e 80 °C	Temperatura na superfície entre 40 e 80°C	Температура поверхности между 40 и 80°C	Temperatura powierzchni pomiędzy 40 a 80 °C
	Temperatura alla superficie superiore di 80 °C	Temperatura na superfície superior a 80°C	Температура поверхности выше 80°C	Temperatura powierzchni powyżej 80 °C
	Filtro Diffusore	Filtro Difusor	Фильтр Диффузор	Filtr Rozpraszający
	Filtro 3.000K	Filtro 3.000K	Фильтр 3.000K	Filtr 3000K
	Fotometria asimmetrica	Fotometria assimétrica	Асимметричная фотометрия	Fotometria asymetryczna
	Fotometria simmetrica	Fotometria simétrica	Симметричная фотометрия	Fotometria symetryczna
	Rispetta le attuali normative anti-inquinamento luminoso	Cumprimento da legislação em vigor sobre medidas contra a poluição luminosa	Соответствует действующим нормам по борьбе со световым загрязнением	W zgodzie z przepisami dotyczącymi zanieczyszczenia światłem
	Protezione termica	Proteção térmica	Тепловая защита	Zabezpieczenie termiczne
	Luce	Luminária	Светильник	Oprawa oświetleniowa
	Blocco ottico	Bloco ótico	Оптический блок	Blok optyczny
	Consente installazione LATERALE di Øxmm	Permite instalação LATERAL com Ø de X mm	Позволяет БОКОВУЮ установку ØX мм	Umożliwia montaż pionowy

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	Permite instalación TOP de ØXmm	TOP installation for ØXmm	Permet une installation SUPÉRIEURE de ØX mm	Ermöglicht die seitliche Befestigung mit ØXmm
	Luminaria certificada por el Instituto de Astrofísica de Canarias	Luminaire certified by the Institute of Astrophysics of Canary Islands	Luminaire certifié par l'Institut d'astrophysique des Îles Canaries	Leuchte vom Institut für Astrophysik der Kanarischen Inseln zertifiziert
ULOR	Flujo Hemisferio Superior (FHS)	Upper hemispheric luminous flux (light pollution percentage)	Flux lumineux vers l'hémisphère supérieur (FHS)	Oberer hemisphärischer Lichtstrom (Lichtverschmutzung)
HPS	Vapor de sodio a alta presión (VSAP)	High pressure sodium	Vapeur de sodium à haute pression (SHP)	Hochdruck Natriumdampf
MH	Halogenuros metálicos (HM)	Metal halide	Iodures métalliques (IM)	Metallhalogenid
	Columna	Column	Mât	Mast
	Pernos	Bolts	Boulons	Bolzen
	Plantilla	Plate	Gabarit	Schablone
	Cruz simple	Single bracket	Croix simple	Einfaches Kreuz
	Cruz doble	Double bracket	Croix double	Doppelkreuz
	Llave	Key	Clé	Schlüssel
	Kit solar	Solar kit	Kit solaire	Solar-kit
	Eficiencia energética	Energy Efficiency	Efficience énergétique	Energieeffizienz
	Bit	Bit	Bit	Bit
	Interactivo	Interactive	Interactif	Interaktive
	Nº leds / punto	No. LEDs / point	Nbr de LED / point lumineux	Anz. LED / Punkt
	Nº Leds / m²	No. of LEDs / m²	Nbr de LED / m²	Anzahl LED/m2
	Composición pixel	Pixel composition	Composition du pixel	Pixel-Zusammensetzung
	Distancia entre pixeles	Distance between pixels (in mm)	Distance entre pixels en mm	Abstand zwischen Pixeln mm
	Composición pixel	Pixel composition	Composition du pixel	Pixel-Zusammensetzung
	Potencia consumo máxima / m²	Maximum input power / m²	Puissance de consommation maximale / m²	Max. Verbrauchsleistung / m2
	Distancia de visión recomendada	Recommended viewing distance	Distance de vision conseillée	Empfohlener Sichtabstand
	Ángulo de visión horizontal	Horizontal viewing angle	Angle de vue horizontal	Horizontaler Blickwinkel
	Ángulo de visión vertical	Vertical viewing angle	Angle de vue vertical	Vertikaler Blickwinkel
	Peso / 50 puntos led	Weight / 50 LED points	Poids / 50 points LED	Gewicht / 50 LED-Punkte
	Peso	Weight	Poids	Gewicht
	Peso estático máximo	Maximum static weight	Poids statique maximum	Maximales statisches Gewicht

	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	Consente installazione SUPERIORE di ØXmm	Permite instalação TOP com Ø de X mm	Позволяет ВЕРХНЮЮ установку ØX мм	Umożliwia montaż poziomy
	Luce certificata dall'Istituto di Astrofisica delle Canarie	Luminária certificada pelo Instituto de Astrofisica de Canárias	Светильники, сертифицированные Институтом астрофизики Канарских островов	Oprawa certyfikowana przez instytut astrofizyki wysp kanaryjskich
	Flusso emisfero superiore	Fluxo luminoso emitido acima do plano horizontal (FHS)	Световой поток верхнего полушария	Strumień półprzestrzenny górny (SPG)
	Sodio ad alta pressione	Vapor de sódio de alta pressão (VSAP)	Натриевая газоразрядная лампа (VSAP)	Wysokociśnieniowy sód (WCS)
	Alogenuri metallici (AM)	Iodetos Metálicos (HM)	Металлогалогенные лампы (МГЛ)	Metalohalogenki (HM)
	Colonna	Coluna	Колонка	Stup
	Bulloni	Parafusos	Болты	Śruby
	Placca	Placa	Панель	Szablon
	Piastrina semplice	Suporte simples	Одноместный кронштейн	Uchwyt pojedynczy
	Piastrina doppia	Suporte duplo	Двухместный кронштейн	Uchwyt krzyżowy
	Chiave	Chave	Ключ	Klucz
	Kit solare	Kit solar	Комплект солнечных элементов	Zestaw solarny
	Efficienza Energetica	Eficiência Energética	Энергосбережение	Efektywność energetyczna
	Bit	Bit	Bit	Bit
	Interattivo	Interativo	интерактивный	podłoga interaktywna
	N° leds / punto	N° de leds/ponto	Количество светодиодов на пиксель	Ilość LED/punkt
	N° di Leds / m2	N° de Leds / m²	Количество светодиодов на м2	Liczba diod LED na m2
	Composizione pixel	Composição do pixel	Состав пикселя	Skład pikseli
	Distanza, espressa in mm, fra i pixel	Distância entre pixels mm	Расстояние между пикселями, мм	Odległość pomiędzy pikselami (w mm)
	Composizione pixel	Composição do pixel	Состав пикселя	Skład pikseli
	Potenza consumo massimo / m2	Potência de consumo máxima / m²	Максимальная потребляемая мощность / м2	Maksymalna moc wejściowa na m2
	Distanza di visione consigliata	Distância de visão recomendada	Рекомендуемое расстояние зрительного восприятия	Rekomendowana odległość oglądania
	Angolo di visione orizzontale	Ângulo de visão horizontal	Горизонтальный угол изображения	Kąt patrzenia poziomy
	Angolo di visione verticale	Ângulo de visão vertical	Вертикальный угол изображения	Kąt patrzenia pionowy
	Peso / 50 punti led	Peso/50 pontos de LED	Вес	Waga na 50 punktów LED
	Peso	Peso	Максимальный статический вес	Waga
	Peso statico massimo	Peso estático máximo	Вес 50 светодиодов	Maksymalna waga statyczna

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	IP frontal	Front IP	IP frontal	IP vorne
	IP posterior	Back IP	IP postérieur	IP hinten
	Brillo	Brightness	Brillant	Glanz
	Escala de grises	Grey scale	Niveaux de gris	Grauskala
	Megahercios de la pantalla	Screen megahertz	Mégahertz de l'abat-jour	Mhz Display
	Colores	Colours	Couleurs	Farben
	Humedad de trabajo	Working humidity	Humidité de fonctionnement	Betriebsfeuchtigkeit
	Horas de vida	Life (in hours)	Durée de vie en heures	Betriebsstunden
	Alimentación	Power supply	Alimentation	Stromversorgung
	Frecuencia alimentación	Supply frequency	Fréquence d'alimentation	Frequenz Stromversorgung

MATERIALES | MATERIALS | MATÉRIAUX | MATERIALIEN | MATERIALI | MATERIAIS | МАТЕРИАЛЫ | MATERIAŁY
















	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	PLÁSTICO ABS	ABS PLASTIC	PLASTIQUE ABS	SPRITZKUNSTSTOFF ABS
	ACRÍLICO	ACRYLIC	ACRYLIQUE	ACRYL
	ALUMINIO	ALUMINIUM	ALUMINIUM	ALUMINIUM
	ALUMINIO ANODIZADO	ANODIZED ALUMINIUM	ALUMINIUM ANODISÉ	ELOXIERTES ALUMINIUM
	ALUMINIO EXTRUSIONADO	EXTRUDED ALUMINIUM	EXTRUDÉ D'ALUMINIUM	EXTRUDIERTES ALUMINIUM
	ALUMINIO INYECTADO	INJECTED ALUMINIUM	ALUMINIUM INJECTÉ	SPRITZALUMINIUM
	ALUMINIO DE ALTA PUREZA	HIGH PURITY ALUMINUM	ALUMINIUM HAUTE PURETÉ	ALUMINIUM MIT HOHEM REINHEITSGRAD
	DM (TABLERO DE FIBRA DE DENSIDAD MEDIA)	MDF (MEDIUM DENSITY FIBREBOARD)	MDF (PANNEAU DE FIBRES À DENSITÉ MOYENNE)	MDF-PLATTE (MITTELDICHTE HOLZFASERPLATTE)
	LATÓN PULIDO	POLISH BRASS	LAITON POLI	MESSING POLIERT
	ALGODÓN	COTTON	COTON	BAUMWOLLE
	MATIZADO	MATTE	MAT	MATTIERT
	CRISTAL	GLASS	VERRE	GLAS
	CRISTAL BISELADO Y SATINADO	BEVELED AND SATIN GLASS	VERRE BISEAUTÉ ET SATINÉ	GESCHLIFFENES UND SATINIERTES GLAS
	CRISTAL BISELADO	BEVELED GLASS	VERRE BISEAUTÉ	GESCHLIFFENER GLAS
	CRISTAL BURBUJA	BUBBLED GLASS	VERRE À BULLES	BLASENGLAS

	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	IP anteriore	IP frontal	IP спереди	Frontowe IP
	IP Posteriore	IP posterior	IP сзади	Tyłne IP
	Lucentezza	Brilho	Яркость	Jasność
	Scala dei grigi	Escala de cinza	Шкала серого	Skala szarości
	Megahertz del paralume	Megahertz da tela	Мегагерцы экрана	Częstotliwość odświeżania ekranu
	Colori	Cores	Цвета	Kolory
	Umidità di funzionamento	Humidade de funcionamento	Рабочая влажность	Wilgotność pracy
	Ore di vita utile	Horas de vida	Срок службы в часах	Żywotność (w godzinach)
	Alimentazione	Alimentação	Питание	Zasilanie
	Frequenza alimentazione	Frequência de alimentação	Частота питания	Częstotliwość wejściow




























	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	PLASTICA ABS	PLÁSTICO ABS	ABS ПЛАСТИК	PLASTIK ABS
	ACRILICO	ACRILICO	АКРИЛОВЫЙ	AKRYL
	ALLUMINIO	ALUMINIO	АЛЮМИНИЙ	ALUMINIUM
	ALLUMINIO ANODIZZATO	ALUMINIO ANODIZADO	АНОДИРОВАННЫЙ АЛЮМИНИЙ	ALUMINIUM ANODOWANE
	ESTRUSO DI ALLUMINIO	ALUMÍNIO EXTRUDIDO	ПРЕССОВАННЫЙ АЛЮМИНИЙ	WYCISKANE ALUMINIUM
	ALLUMINIO PRESSOFUSO	ALUMÍNIO INJECTADO	ИНЖЕКТИРОВАННЫЙ АЛЮМИНИЙ	WTRYSKIWANE ALUMINIUM
	ALLUMINIO DI ALTA PUREZZA	ALUMÍNIO DE ELEVADA PUREZA	АЛЮМИНИЙ ВЫСОКОЙ ЧИСТОТЫ	ALUMINIUM WYSOKIEJ CZYSTOŚCI
	MDF (PANNELLO DI FIBRA A MEDIA DENSITÀ)	MDF (PAINEL DE FIBRA DE MADEIRA DE MÉDIA DENSIDADE)	(МДФ) ДРЕВЕСНОВОЛОКНИСТАЯ ПЛИТА СРЕДНЕЙ ПЛОТНОСТИ	PLYTA MDF (MEDIUM DENSITY FIBREBOARD)
	OTTONE LEVIGATO	LATÃO POLIDO	ПОЛИРОВАННАЯ ЛАТУНЬ	MOSIADZ POLEROWANY
	COTONE	ALGODÃO	ХЛОПОК	BAWEŁNA
	SFUMATO	MATIZADO	ПОЛЯРИЗОВАННЫЙ	MAT
	VETRO	VIDRO	СТЕКЛО	SZKŁO
	VETRO BISELLATO SATINATO	VIDRO SATINADO COM MOLDURA FACETADA	ФАЦЕТИРОВАННОЕ И САТИНИРОВАННОЕ СТЕКЛО	SZKŁO FAZOWANE SATYNOWE
	VETRO BISELLATO	VIDRO COM MOLDURA FACETADA	ФАЦЕТИРОВАННОЕ СТЕКЛО	SZKŁO FAZOWANE
	VETRO BOLLICOSO	VIDRO COM BOLHAS	ПУЗЫРЯЩЕЕСЯ СЕКЛО	SZKŁO Z PĘCZERZYKAMI

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	CRISTAL DECORADO	DECORATED GLASS	VERRE DÉCORÉ	DEKORIERTES GLAS
	CRISTAL GLASEADO	FROSTED GLASS	VERRE GIVRÉ	SATINIERTES GLAS
	CRISTAL TEMPLADO	HARDENED GLASS	VERRE TREMPÉ	GEHÄRTETES DURCHSICHTIGES GLAS
	CRISTAL LUPA	MAGNIFYNG GLASS	VERRE GROSSISSANT	LUPENGLAS
	CRISTAL MATE	MATT GLASS	VERRE MAT	GLAS MATT
	CRISTAL OPAL	OPAL GLASS	VERRE OPALIN	OPAL GLAS
	CRISTAL RÚSTICO	RUSTIC GLASS	VERRE RUSTIQUE	RUSTIKALES GLAS
	CRISTAL SATINADO	SATIN GLASS	VERRE SATINÉ	GLAS SATINIERT
	CRISTAL AHUMADO	SMOKED GLASS	VERRE FUMÉ	RAUCHGLAS
	CRISTAL TRANSPARENTE	TRANSPARENT GLASS	VERRE TRANSPARENT	TRANSPARENTES GLAS
	CRISTAL EXTRA BLANCO	EXTRA WHITE GLASS	VERRE EXTRA BLANC	GLAS EXTRA WEISS
	POLIETILENO DE ALTA DENSIDAD	HIGH DENSITY POLYTHYLENE	POLYÉTHYLÈNE HAUTE DENSITÉ	HOCHDICHTER POLYETHEN
	ACERO INOXIDABLE AISI 202	STAINLESS STEEL AISI 202	ACIER INOXYDABLE AISI 202	ROSTFREIER STAHL AISI 202
	ACERO INOXIDABLE AISI 304	STAINLESS STEEL AISI 304	ACIER INOXYDABLE AISI 304	ROSTFREIER STAHL AISI 304
	ACERO INOXIDABLE AISI 316	STAINLESS STEEL AISI 316	ACIER INOXYDABLE AISI 316	ROSTFREIER STAHL AISI 316
	ESPEJO	MIRROR	MIROIR	SPIEGEL
	POLICARBONATO	POLYCARBONATE	POLYCARBONATE	POLYKARBONAT
	POLICARBONATO MATE	MATT POLYCARBONATE	POLYCARBONATE MAT	POLYKARBONAT MATT
	POLICARBONATO OPAL	OPAL POLYCARBONATE	POLYCARBONATE OPALE	POLYKARBONAT OPAL
	POLICARBONATO PRISMATIZADO	PRISMATIC POLYCARBONATE	POLYCARBONATE PRISMATIQUE	POLYKARBONAT PRISMATISIERT
	POLICARBONATO TRANSPARENTE	TRANSPARENT POLYCARBONATE	POLYCARBONATE TRANSPARENT	POLYKARBONAT TRANSPARENT
	POLIETILENO	POLYTHYLENE	POLYÉTHYLÈNE	POLYÄTHYLEN
	PMMA	PMMA	PMMA	PMMA
	PMMA MATE	MATT PMMA	PMMA MAT	PMMA MATT
	PMMA TRANSPARENTE	TRANSPARENT PMMA	PMMA TRANSPARENT	PMMA TRANSPARENT
	PMMA OPAL MATE	SATIN OPAL PMMA	PMMA OPALE SATINÉ	PMMA OPAL MATT
	PMMA PRISMATIZADO	PRISMATIC PMMA	PMMA PRISMATIQUE	PMMA PRISMATISIERT






















	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	CRISTALLO DECORATO	VIDRO DECORADO	ДЕКОРАТИВНОЕ СТЕКЛО	SZKŁO DEKOROWANE
	VETRO SATINATO	VIDRO POLIDO	МАТОВОЕ	SZKŁO SZRONIONE
	VETRO TEMPERATO	VIDRO ENDURECIDO	ЗАКАЛЁННОЕ СТЕКЛО	SZKŁO HARTOWANE
	VETRO CON LENTE EFFETTO DIFFONDENTE	VIDRO TIPO LUPA	УВЕЛИЧИТЕЛЬНОЕ СТЕКЛО	SZKŁO POWIĘKSZAJĄCE
	VETRO MATIZZATO	VIDRO MATE	МАТОВОЕ СЕКЛО	MATOWE SZKŁO
	VETRO OTTICO	VIDRO OPALINO	МАТОВОЕ СТЕКЛО	SZKŁO MLECZNE
	VETRO RUSTICO	VIDRO RÚSTICO	ГРУБОЕ СТЕКЛО	SZKŁO RUSTYKALNE
	VETRO SATINATO	VIDRO ACETINADO	СТЕКЛО САТИНОВОЕ	SZKŁO SATYNOWE
	VETRO FUMÉ	VIDRO FUMADO	ДЫМЧАТОЕ СТЕКЛО	SZKŁO DYMIONE
	VETRO TRASPARENTE	VIDRO TRANSPARENTE	ПРОЗРАЧНОЕ СТЕКЛО	PRZEZROCZYSTE SZKŁO
	VETRO EXTRA BIANCO	VIDRO EXTRA BRANCO	ДОПОЛНИТЕЛЬНОЕ БЕЛОЕ СТЕКЛО	EXTRA BIAŁE SZKŁO
	POLIETILENO AD ALTA DENISTA	POLIETILENO DE ALTA DENSIDADE	ПОЛИЭТИЛЕН ВЫСОКОЙ ПЛОТНОСТИ	POLIETYLEN WYSPIEJ GĘSTOŚCI
	ACCIAIO INOSSIDABILE AISI 202	AÇO INOXIDÁVEL AISI 202	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 202	STAL NIERDZEWNA AISI 202
	ACCIAIO INOSSIDABILE AISI 304	AÇO INOXIDÁVEL AISI 304	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 304	STAL NIERDZEWNA AISI 304
	ACCIAIO INOSSIDABILE AISI 316	AÇO INOXIDÁVEL AISI 316	НЕРЖАВЕЮЩАЯ СТАЛЬ	STAL NIERDZEWNA AISI 316
	SPECCHIO	ESPELHO	ЗЕРКАЛО	LUSTRO
	POLICARBONATO	POLICARBONATO	ПОЛИКАРБОНАТ	POLIWEGLANOWY
	POLICARBONATO MATIZZATO	POLICARBONATO MATE	МАТОВЫЙ ПОЛИКАРБОНАТ	MATOWY POLIWEGLAN
	POLICARBONATO OPALE	POLICARBONATO OPALINO	ОПАЛОВЫЙ ПОЛИКАРБОНАТ	OPALIZOWANY POLIWEGLAN
	POLICARBONATO PRISMATICO	POLICARBONATO PRISMÁTICO	ПРИЗМАТИЧЕСКИЙ ПОЛИКАРБОНАТ	PRYZMATYCZNY POLIWEGLAN
	POLICARBONATO TRASPARENTE	POLICARBONATO TRANSPARENTE	ПРОЗРАЧНЫЙ ПОЛИКАРБОНАТ	PRZEZROCZYSTY POLIWEGLAN
	POLIETILENE	POLIETILENO	ПОЛИЭТИЛЕН	POLIETYLEN
	PMMA	PMMA	PMMA	PMMA
	PMMA MATIZZATO	PMMA MATE	МАТОВЫЙ PMMA	MATOWY PMMA
	PMMA TRANSPARENTE	PMMA TRANSPARENTE	ПРОЗРАЧНЫЙ PMMA	PRZEZROCZYSTY PMMA
	PMMA OPALE MATIZZATO	PMMA OPALINO SATINADO	РАСSEИВАЮЩЕЕ PMMA ОПАЛОВОЕ	SATYNOWY OPALIZOWANY PMMA
	PMMA PRISMATICO	PMMA PRISMÁTICO	ПРИЗМАТИЧЕСКОЕ СТЕКЛО	PRYZMATYCZNY PMMA

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
	ALGODÓN PLASTIFICADO	PLASTICIZED COTTON	COTON PLASTIFIÉ	BAUMWOLLE
	CONTRACHAPADO	PLYWOOD	CONTREPLAQUÉ	SPERRHOLZ
	YESO	PLASTER	GYPSE	VERPUTZ
	POLIPROPILENO	POLYPROPYLENE	POLYPROPYLÈNE	POLYPROPYLEN
	PLÁSTICO MATE	MATT PLASTIC	PLASTIQUE MAT	KUNSTSTOFF SCHATTIERT
	POLIURETANO	POLYURETHANE	POLYURÉTHANE	POLYURETHAN
	PVC	PVC	PVC	PVC
	RESINA	RESIN	RÉSINE	HARZ
	SILICONA	SILICONE	SILICONE	SILIKON
	SEDA	SILK	SOIE	SEIDE
	ACERO	STEEL	ACIER	STAHL
	ACERO FUNDIDO	CAST STEEL	ACIER COULÉ	GUSSSTAHL
	ACERO ACABADO EPOXY	EPOXY FINISH STEEL	ACIER FINITION ÉPOXY	STAHL, FERTIGVERARBEITUNG MIT EPOXY-LACKIERUNG
	TECNOPLÍMERO	TECHNOPOLYMER	TECHNOPOLYMÈRE	TECHNOPOLYMER
	TERMOPLÁSTICO	THERMOPLASTIC	THERMOPLASTIQUE	THERMOPLASTIK
	PROTECCIÓN UVA	UVA PROTECTION	PROTECTION UVA	UV-SCHUTZ
	CRISTAL UVA	UVA GLASS	VERRE UV.	UV-GLAS
	MADERA	WOOD	BOIS	HOLZ
	ZAMAK	ZAMAK	ZAMAK	ZAMAK
	MATERIAL DIFUSOR	DIFFUSER MATERIAL	MATÉRIAU DIFFUSEUR	DIFFUSORMATERIAL
	MATERIAL PANTALLA	SHADE MATERIAL	MATÉRIAU ABAT-JOUR	SCHIRMMATERIAL
	MATERIAL PALAS	BLADES MATERIAL	MATÉRIAU DES PALES	FLÜGELMATERIAL

	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	COTONE PLASTIFICATO	ALGODAO PLASTIFICADO	УПЛОТНЕННЫЙ ХЛОПОК	POWLEKANA BAWĘŁNA
	COMPENSATO	CONTRAPLACADO	ФАНЕРА	SKLEJKA
	GESSO	GESSO	ГИПС	GIPS
	POLIPROPILENE	POLIPROPILENO	ПОЛИПРОПИЛЕН	POLIPROPYLEN
	PLASTICA MATIZZATA	PLÁSTICO FOSCO	МАТОВЫЙ ПЛАСТИК	MATOWE TWORZYWO SZTUCZNE
	POLIURETANO	POLIURETANO	ПОУЛИРИТАН	POLIURETAN
	PVC	PVC	PVC	PVC
	RESINA	RESINA SINTÉTICA	РЕЗИНА	ŻYWICA
	SILICONE	SILICONE	СИЛИКОН	SILIKON
	SETA	SEDA	ШЕЛК	JEDWAB
	ACCIAIO	AÇO	СТАЛЬ	STAL
	ACCIAIO FUSO	AÇO FUNDIDO	ЛИТАЯ СТАЛЬ	STAL PRASOWANA
	ACCIAIO ALLUMINIO PRESSOFUSO	AÇO COM ACABAMENTO EPOXY	ЭПОКСИДНОЕ ПОКРЫТИЕ СТАЛИ	STAL WYKOŃCZONA EPOKSYDOWO
	TECNOPOLIMERO	TECNOPOLÍMERO	ТЕХНОПОЛИМЕР	TECHNOPOLIMER
	TERMOPLASTICA	TERMOPLÁSTICO	ТЕРМОПЛАСТИК	TERMOPLASTYCZNY
	PROTEZIONE RAGGI UVA	PROTEÇÃO UVA	ЗАЩИТА ОТ УФЛ	OCHRONA UVA
	VETRO UVA	VIDRO UVA	СТЕКЛО С ЗАЩИТОЙ ОТ УЛЬТРАФИОЛЕТОВЫХ ЛУЧЕЙ	SZKŁO UVA
	LEGNO	MADEIRA	ДЕРЕВО	DREWNO
	ZAMAK	ZAMAK	ZAMAK	ZAMAK
	MATERIALE DEL DIFFUSORE	MATERIAL DIFUSOR	МАТЕРИАЛ РАССЕИВАТЕЛЯ	MATERIAŁ ROZPRASZAJĄCY
	MATERIALE DEL PARALUME	MATERIAL ABAT-JOUR	МАТЕРИАЛ АБАЖУРА	MATERIAŁ ABAŻURU
	MATERIALE DELLE PALE	MATERIAL PÁS	МАТЕРИАЛ ЛОПАСТИ	MATERIAŁ ŚMIGŁA

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
 05 60	NEGRO	BLACK	NOIR	SCHWARZ
 06	COBRE	COPPER	CUIVRE	KUPFER
 10	NARANJA	ORANGE	ORANGE	ORANGE
 11	AZUL	BLUE	BLEU	BLAU
 13	MAGENTA	MAGENTA	MAGENTA	MAGENTA (ROSA)
 14 BL	BLANCO	WHITE	BLANC	WEISS
 15	ÁMBAR	AMBER	AMBRÉ	BERNSTEINFARBE
 16	BLANCO ANTIGUO	OLD WHITE	BLANC ANCIEN	ALT WEISS
 18 Z6	MARRÓN ÓXIDO	RUSTY BROWN	MARRON ROUILLE	BRAUNROST
 19	BRONCE	BRONZE	BRONZE	BRONZE
 20	BEIGE	BEIGE	BEIGE	BEIGE
 21 CR	CROMO	CHROME	CHROME	CHROM
 22	LATÓN PULIDO	POLISH BRASS	LAITON POLI	MESSING POLIERT
 23	DORADO	GOLDEN	DORÉ	GOLDEN
 24	AMARILLO	YELLOW	JAUNE	GELB (GELB/GRÜN)
 25	ROJO	RED	ROUGE	ROT
 34 GR N3 AJ AT AU	GRIS	GREY	GRIS	GRAU
 37	TRANSPARENTE	TRANSPARENT	TRANSPARENT	DURCHSICHTIG
 48	ACERO CINCADO	ZINC PLATED STEEL	ACIER ZINGUÉ	VERZINKTER STAHL
 54 BK J2	ALUMINIO ANODIZADO	ANODIZED ALUMINIUM	ALUMINIUM ANODISÉ	ALUMINIUM ELOXIERT
 93	MADERA CLARA	LIGHT WOOD	BOIS BLOND	HELLES HOLZ
 94	ANODIZADO ORO	GOLD ANODIZING	ANODISÉ OR	ELOXAL-SCHICHT GOLD
 81 Ns	NÍQUEL SATINADO	SATIN NICKEL	NICKEL SATINÉ	NICKEL SATINIERT
 AL AW	ALUMINIO	ALUMINIUM	ALUMINIUM	ALUMINIUM
 AV	ACERO GALVANIZADO	GALVANISED STEEL	ACIER GALVANISÉ	GALVANISIERTES STAHL
 AS	NEGRO BRILLANTE / BLANCO BRILLANTE / CROMO	SHINY BLACK / SHINY WHITE / CHROME	NOIR BRILLANT / BLANC BRILLANT / CHROME	SCHWARZ GLÄNZEND / WEISS GLÄNZEND / CHROM
 BB	CABEZAL EN GRIS (AU) + COLUMNA EN NEGRO (BP)	HEAD IN GREY (AU) + COLUMN IN BLACK (BP)	TÊTE EN GRIS (AU) + MÂT EN NOIR (BP)	KOPFSTÜCK IN GRAU (AU) + SÄULE IN SCHWARZ (BP)

	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	NERO	PRETO	ЧЕРНЫЙ	CZARNY
	RAME	COBRE	МЕДЬ	MIĘDZIANY
	ARANCIONE	LARANJA	ОРАНЖЕВЫЙ	POMARAŃCZOWY
	BLU	AZUL	СИНИЙ	NIEBIESKI
	MAGENTA	MAGENTA (ROSA)	МАДЖЕНТА	MAGENTA
	BIANCO	BRANCO BRILHANTE	БЕЛЫЙ	BIAŁY
	AMBRA	ÂMBAR	ЯНТАРНЫЙ	BURSZTYN
	BIANCO ANTICHIZZATO	BRANCO VELHO	СТАРИННЫЙ БЕЛЫЙ	STARY BIAŁY
	MARRONE OSSIDATO	CASTANHO OXIDADO	РЖАВО-КОРИЧНЕВЫЙ	RDZAWY BRĄZ
	BRONZO	BRONZE	БРОНЗА	BRĄZ
	BEIGE	BEGE	БЕЖЕВЫЙ	BEZ
	CROMO	CROMO	ХРОМ	CHROMOWANY
	OTTONE LEVIGATO	LATÃO POLIDO	ПОЛИРОВАННАЯ ЛАТУНЬ	MOSIĄDZ POLEROWANY
	ORO	DOURADO	ПОЗОЛОЧЕННЫЙ	ZŁOTY
	GIALLO	AMARELO	ЛАЙМ	CYTRYNOWY
	ROSSO	VERMELHO	КРАСНЫЙ	CZERWONY
	GRIGIO	CINZENTO	СЕРЫЙ	SZARY
	TRASPARENTE	TRANSPARENTE	ПРОЗРАЧНЫЙ	PRZEZROCZYSTE
	ACCIAIO ZINCATO	AÇO ZINCADO	ОЦИНКОВАННАЯ СТАЛЬ	OCYNKOWANA STAL
	ALLUMINIO ANODIZZATO	ALUMINIO ANODIZADO	АНОДИРОВАННЫЙ АЛЮМИНИЙ	ALUMINIUM ANODOWANE
	LEGNO CHIARO	MADEIRA CLARA	СВЕТЛОЕ ДЕРЕВО	JASNE DREWNO
	ANODIZZATO ORO	ANODIZADO OURO	АНОДИРОВАННЫЙ ЗОЛОТИСТЫЙ	ANODOWANE ZŁOTO
	NÍCHEL SATINATO	NÍQUEL ACETINADO	САТИНОВЫЙ НИКЕЛЬ	SZCZOTKOWANY NIKIEL
	ALLUMINIO	ALUMINIO	АЛЮМИНИЙ	ALUMINIUM
	ACCIAIO GALVANIZZATO	AÇO GALVANIZADO	ОЦИНКОВАННАЯ СТАЛЬ	STAL GALWANIZOWANA
	NERO BRILLANTE / BIANCO BRILLANTE / CROMO	PRETO BRILHANTE / BRANCO BRILHANTE / CROMO	ЧЕРНЫЙ БЛЕСТЯЩИЙ / БЕЛЫЙ БЛЕСТЯЩИЙ / ХРОМ	LSNIĄCY CZARNY/LSNIĄCY BIAŁY/CHROMOWANY
	TESTATA IN GRIGIO (AU) + COLONNA IN NERO	CABEÇAL EM CINZENTO (AU) + COLUNA EM PRETO (BP)	ГОЛОВКА СЕРОГО ЦВЕТА (AU) + КОЛОННА ЧЕРНОГО ЦВЕТА (BP)	GŁOWICA W SZAROŚCI (AU) + SŁUP W CZERNI (BP)

	ESPAÑOL	ENGLISH	FRANÇAIS	DEUTSCH
 BP	NEGRO (PINTURA EN POLVO)	BLACK (POWDER PAINT)	NOIR (PEINTURE EN POUDRE)	SCHWARZ (PULVERLACK)
 BS	GRIS RAL 9007	GREY RAL 9007	GRIS RAL 9007	GRAU RAL 9007
 BX S2	ALUMINIO CEPILLADO	BRUSHED ALUMINIUM	ALUMINIUM BROSSÉ	ALUMINIUM GEBÜRSTET
 BY	ARENA	BEIGE FABRIC	BEIGE	SANDFARBE
 CA	ACERO INOXIDABLE AISI 316	STAINLESS STEEL AISI 316	ACIER INOXYDABLE AISI 316	ROSTFREIER STAHL AISI 316
 CC	GRIS ENVEJECIDO	OLD GREY	GRIS VIEILLI	ALT GRAU
 CF	BLANCO BRILLANTE	BRIGHT WHITE	BLANC BRILLANT	WEISS GLÄNZEND
 CI	MARRÓN	BROWN	MARRON	BRAUN
 CS	GRIS CEMENTO	CEMENT GREY	GRIS CIMENT	ZEMENTGRAU
 E2	ORO VIEJO	OLD GOLD	OR VIEILLI	ALTGOLD
 E4	PATINÉ	ANTIQUE BRASS	PATINÉ	ALTMESSING
 F5	ORO PINTADO	PAINTED GOLD	OR PEINT	GOLDFARBEN LACKIERT
 J6	MARRÓN	BROWN	MARRON	BRAUN
 J7	MARRÓN COBRIZO	COPPER BROWN	MARRON CUIVRÉ	KUPFERROT BRAUN
 K7	GRIS PIEDRA	STONE GREY	GRIS PIERRE	STEINGRAU
 T001	TRAMADO BEIGE	PERFORATED BEIGE	PERFORÉ BEIGE	GEWIRKT BEIGE
 T4	PLATA RÚSTICA	RUSTIC SILVER	ARGENT RUSTIQUE	RUSTIKALES SILBER
 V7	COBRE VIEJO	OLD COPPER	CUIVRE VIEUX	ALTES KUPFER
 Y2	MARRÓN ENVEJECIDO	OLD BROWN	MARRON VIEILLI	ALTBRAUN
 Y4	ACERO INOXIDABLE AISI 202/304	STAINLESS STEEL AISI 202/304	ACIER INOXYDABLE AISI 202/304	ROSTFREIER STAHL AISI 202/304
 Z5 BQ	GRIS URBANO	URBAN GREY	GRIS URBAIN	ANTHRAZIT

	ITALIANO	PORTUGUÊS	РУССКИЙ ЯЗЫК	POLSKI
	NERO (VERNICE IN POLVERE)	PRETO (PINTURA EM PÓ)	ЧЕРНЫЙ (ПОРОШКОВАЯ КРАСКА)	CZARNY (FARBA PROSZKOWA)
	GRIGIO RAL 9007	CINZENTO RAL 9007	СЕРЫЙ RAL 9007	SZARY RAL 9007
	ALLUMINIO SPAZZOLATO	ALUMÍNIO ESCOVADO	МАТОВЫЙ АЛЮМИНИЙ	SZCZOTKOWANE ALUMINIUM
	SABBIA	AREIA	ПЕСОЧНЫЙ	BEZ
	ACCIAIO INOSSIDABILE AISI 316	AÇO INOXIDÁVEL AISI 316	НЕРЖАВЕЮЩАЯ СТАЛЬ	STAL NIERDZEWNA AISI 316
	GRIGIO ANTICO	CINZA ENVELHECIDO	СЕРЫЙ АНТИЧНЫЙ	STARY SZARY
	BIANCO LUCIDO	BRANCO BRILLANTE	БЕЛЫЙ БЛЕСТЯЩИЙ	JASNY BIAŁY
	MARRONE	CASTANHO	КОРИЧНЕВЫЙ	BRAZOWY
	GRIGIO CEMENTO	CINZA CIMENTO	СЕРЫЙ ЦЕМЕНТНЫЙ	W KOLORZE SZAREGO CEMENTU
	ORO ANTICO	OURO VELHO	СТАРОЕ ЗОЛОТО	STARE ZŁOTO
	PATINATO	PATINÉ	ПАТИНЕ	MOSIĄDZ ANTYCZNY
	ORO VERNICIATO	OURO PINTADO	ОКРАСКА ПОД ПОЗОЛОТУ	MALOWANE ZŁOTO
	MARRONE	CASTANHO	КОРИЧНЕВЫЙ	BRAZOWY
	MARRONE COLOR RAME	CASTANHO ACOBREADO	КОРИЧНЕВАЯ МЕДЬ	MIEDZIOWY BRAZ
	GRIGIO PIETRA	CINZENTO PEDRA	СЕРЫЙ КАМЕНЬ	SZARY KAMIEŃ
	TRAMATURA BEIGE	PERFURADO BEGE	БЕЖЕВЫЙ СЕТИ	BEZOWY PERFOROWANY
	ARGENTO RUSTICO	PRATA RÚSTICA	НЕОБРАБОТАННОЕ СЕРЕБРО	RUSTYKALNE SREBRO
	RAME ANTICATO	COBRE VELHO	СТАРАЯ МЕДЬ	STARA MIEDZ
	MARRONE ANTICHIZZATO	CASTANHO ENVELHECIDO	БРАУН АНТИК	STARY BRAZOWY
	ACCIAIO INOSSIDABILE AISI 202/304	AÇO INOXIDÁVEL AISI 202/304	НЕРЖАВЕЮЩАЯ СТАЛЬ AISI 202/304	STAL NIERDZEWNA AISI 202/304
	GRIGIO URBANO	CINZENTO URBANO	ГОРОДСКОЙ СЕРЫЙ	SZARY MIEJSKI

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Debido a la constante evolución tecnológica del LED, los productos que incluyen esta fuente de luz pueden experimentar variaciones en sus características técnicas con el objetivo de poder ofrecer siempre las máximas prestaciones en nuestros productos.

Due to the constant evolution of LED technology, those products which contain this light source can vary in their technical characteristics so as to ensure that we can always offer maximum product performance.

En raison de l'évolution constante de la technologie LED, les produits dotés de cette source lumineuse peuvent connaître des variations dans leurs caractéristiques techniques, en vue de toujours en optimiser les prestations.

Aufgrund der kontinuierlichen Fortschritte bei der LED-Technik, mit denen wir sicherstellen, dass wir stets Artikel auf dem neusten Stand der Technik liefern, können sich die Merkmale der Produkte dieser Lichtquelle ändern.

A causa della costante evoluzione tecnologica del LED, i prodotti che contengono questa fonte di luce possono subire variazioni nelle loro caratteristiche tecniche con l'obiettivo di offrire sempre massime prestazioni.

Devido à constante evolução tecnológica do LED, os produtos que incluem esta fonte de luz podem apresentar variações nas suas características técnicas com o objetivo de garantir sempre o máximo desempenho dos nossos produtos.

В силу постоянного технологического прогресса в области производства светодиодов, технические характеристики нашей продукции, в которой используется этот источник света, могут претерпевать изменения, всегда с целью обеспечения наилучших потребительских свойств.

Z uwagi na ciągły rozwój technologiczny LED, produkty które zawierają to źródło światła mogą ulegać zmianom pod względem właściwości technicznych, tak aby móc zawsze oferować maksymalną ilość świadczeń w naszych produktach.

OTHER LEDS-C4 CATALOGUES



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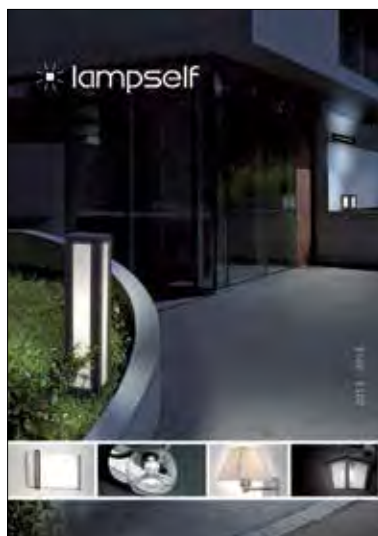
ILUMINACIÓN PARA HOTELES
HOTEL LIGHTING
ÉCLAIRAGE HÔTELIER
HOTELBELEUCHTUNG
ILLUMINAZIONE PER HOTEL
ILUMINAÇÃO PARA HOTÉIS
ОСВЕЩЕНИЕ ДЛЯ ОТЕЛЕЙ
OŚWIETLENIE DLA HOTELI



ILUMINACIÓN COMERCIAL
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ОСВЕЩЕНИЕ ДЛЯ ТОРГОВЫХ ПОМЕЩЕНИЙ
OŚWIETLENIE HANDLOWE



ALABASTRO COMO DIFUSOR
ALABASTER DIFFUSOR
ALBÂTRE EN TANT QUE DIFFUSEUR
ALABASTER ALS DIFFUSOR
ALABASTRO COME DIFFUSORE
ALABASTRO COMO DIFUSOR
АЛЕБАСТР В КАЧЕСТВЕ РАССЕИВАТЕЛЯ
ALABASTER JAKO DYFUZOR



LUMINARIAS PARA CANAL DIY
LUMINAIRES FOR THE DIY CHANNEL
LUMINAIRES POUR LE CANAL DIY
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LUCI PER CANALE DIY
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OPRAWY OŚWIETLENIOWE DLA KANAŁU DIY



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