

ILUMINACIÓN RESIDENCIAL

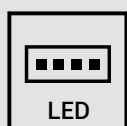
RESIDENTIAL LIGHTING / ÉCLAIRAGE RÉSIDENTIEL



 **airfal**
INTERNATIONAL

4.3

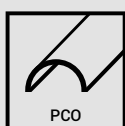
MIRROR LED



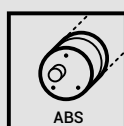
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AP/LS/AL

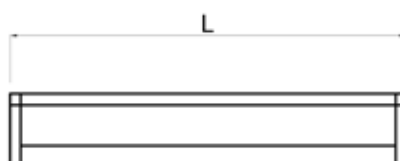
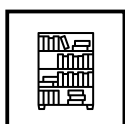


PCO



ABS

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG 0/1

MACADAM
3/4

UGR
<19

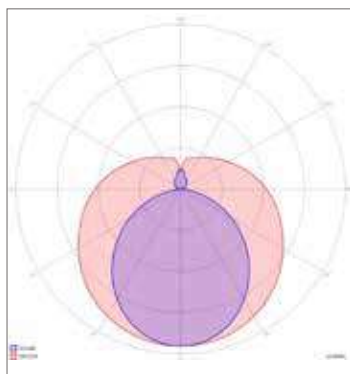
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L70B50
>
50.000

IP44

CE

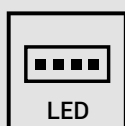
EN 60598-1



Ref.	Tamaño Size Dimension	Potencia Power Puissance	Emisión bruta Gross output Flux de la source	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	L	D	C	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
MI113	600	13	1490	1243	3000	635	64	42	1
MI114	600	13	1550	1293	4000	635	64	42	1
MI123	600	16	2560	2136	3000	635	64	42	1
MI124	600	16	2670	2227	4000	635	64	42	1
MI213	1200	24	2980	2486	3000	1198	64	42	1
MI214	1200	24	3200	2669	4000	1198	64	42	1
MI223	1200	32	5120	4271	3000	1198	64	42	1
MI224	1200	32	5340	4455	4000	1198	64	42	1
MI313	1500	29	3720	3103	3000	1498	64	42	1
MI314	1500	29	4000	3337	4000	1498	64	42	1
MI323	1500	40	6310	5264	3000	1498	64	42	1
MI324	1500	40	6700	5589	4000	1498	64	42	1

4.4

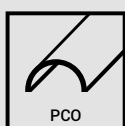
MODULAR



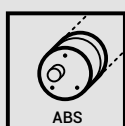
LED



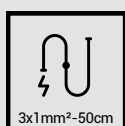
CAP/LSB/CAL



PCO

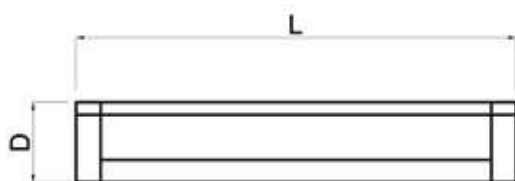


ABS



3x1mm²-50cm

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM

3/4

UGR
<19

CR>80

L70B50
>
50.000

IP44

CE

EN 60598-1

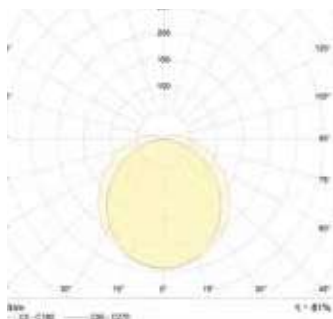


Ref.	Tamaño Size Dimension	Potencia Power Puissance	Emisión bruta Gross output Flux de la source	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	L	D	C	E	Embalaje Packaging Emballage
		(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	(mm)	
MO07	600	13	1490	1202	3000	623	76	76	60	1
MO01	600	13	1550	1251	4000	623	76	76	60	1
MO08	600	16	2560	2066	3000	623	76	76	60	1
MO02	600	16	2670	2155	4000	623	76	76	60	1
MO09	1200	24	2980	2405	3000	1232	76	76	60	1
MO03	1200	24	3200	2582	4000	1232	76	76	60	1
MO10	1200	32	5120	4132	3000	1232	76	76	60	1
MO04	1200	32	5340	4309	4000	1232	76	76	60	1
MO11	1500	29	3720	3002	3000	1479	76	76	60	1
MO05	1500	29	4000	3228	4000	1479	76	76	60	1
MO12	1500	40	6310	5092	3000	1479	76	76	60	1
MO06	1500	40	6700	5407	4000	1479	76	76	60	1

Ref +G o Ref+B para modelo color gris o blanco

Ref+G o Ref+B for grey or white model

Ref+G o Ref+B pour gris ou blanc modele



ACCESORIOS MODULAR / MODULAR ACCESORIES / ACCESSOIRES MODULAR

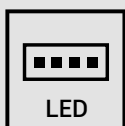
LÍNEA CONTINUA MO180 Y LÍNEA CONTINUA DE CABECERA MO190
CONTINUOUS LINE MO180 AND INITIAL CONTINUOUS LINE MO190
CÂBLAGE TRAVERSANT MO180 ET CÂBLAGE TRAVERSANT EN TÊTE MO190

Unión
Union
Union
C120B

EMERGENCY
1h / 3h

4.5

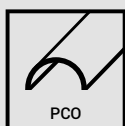
SMART



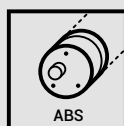
LED



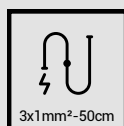
CAP/LSB/CAL



PCO

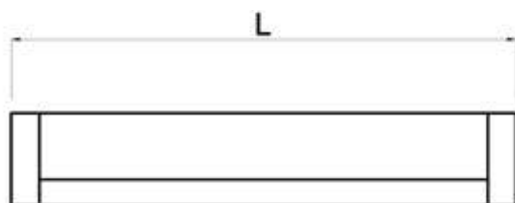


ABS



3x1mm²-50cm

APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG 0/1

MACADAM

3/4

UGR
<19

CR>80

L70B50
>
50.000

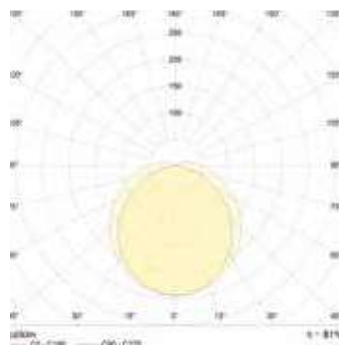
IP44

CE

EN 60598-1



G13/T8



Ref +G o Ref+B para modelo color gris o blanco
Ref+G o Ref+B for grey or white model
Ref+G o Ref+B pour gris ou blanc modele

Ref.	Tamaño Size Dimension	Potencia Power Puissance	Emisión bruta Gross output Flux de la source	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	L	D	Embalaje Packaging Emballage
		(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	
M027	600	13	1490	1202	3000	623	80	1
M021	600	13	1550	1251	4000	623	80	1
M028	600	16	2560	2066	3000	623	80	1
M022	600	16	2670	2155	4000	623	80	1
M029	1200	24	2980	2405	3000	1232	80	1
M023	1200	24	3200	2582	4000	1232	80	1
M030	1200	32	5120	4132	3000	1232	80	1
M024	1200	32	5340	4309	4000	1232	80	1
M031	1500	29	3720	3002	3000	1479	80	1
M025	1500	29	4000	3228	4000	1479	80	1
M032	1500	40	6310	5092	3000	1479	80	1
M026	1500	40	6700	5407	4000	1479	80	1

ACCESORIOS SMART / SMART ACCESORIES / ACCESSOIRES SMART

Ref. C0504

Suspensión con cable de acero
Steel cable suspension
Suspension avec câble en acier



LÍNEA CONTINUA M0180 Y LÍNEA CONTINUA DE CABECERA M0190
CONTINUOUS LINE M0180 AND INITIAL CONTINUOUS LINE M0190
CÂBLAGE TRAVERSANT M0180 ET CÂBLAGE TRAVERSANT EN TÊTE M0190

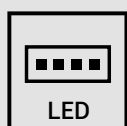
Unión
Union
Union
N120B

1-10
DALI

EMERGENCY
1h / 3h

4.6

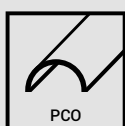
MODULAR DELUXE



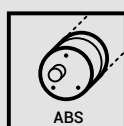
LED



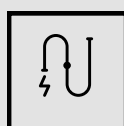
CAP/LSB/CAL



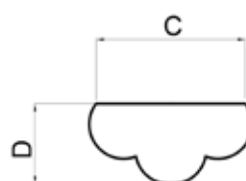
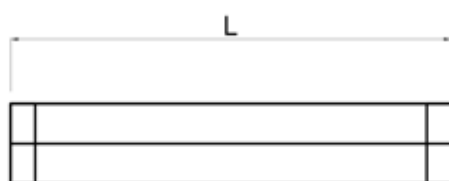
PCO



ABS



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM

3/4

UGR
<19

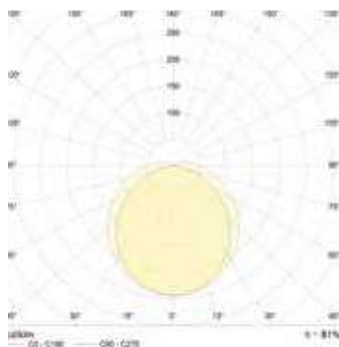
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L70B50
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50.000

IP44

CE

EN 60598-1



Ref +G o REF+B para modelo color gris o blanco

Ref+G o Ref+B for grey or white model

Ref+G o Ref+B pour gris ou blanc modele

Ref.	Tamaño Size Dimension	Potencia Power Puissance	Emisión bruta Gross output Flux de la source	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	L	D	C	Embalaje Packaging Emballage
		(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
M047	600	13	1490	1243	3000	628	70	120	6
M041	600	13	1550	1293	4000	628	70	120	6
M048	600	16	2560	2136	3000	628	70	120	6
M042	600	16	2670	2227	4000	628	70	120	6
M049	1200	24	2980	2486	3000	1238	70	120	6
M043	1200	24	3200	2669	4000	1238	70	120	6
M050	1200	32	5120	4271	3000	1238	70	120	6
M044	1200	32	5340	4455	4000	1238	70	120	6
M051	1500	29	3720	3103	3000	4000	70	120	6
M045	1500	29	4000	3337	4000	4000	70	120	6
M052	1500	40	6310	5264	3000	6700	70	120	6
M046	1500	40	6700	5589	4000	6700	70	120	6

ACCESORIOS MODULAR DELUXE/ MODULAR DELUXE ACCESORIES / ACCESSOIRES MODULAR DELUXE

Ref. C0504

Suspensión con cable de acero

Steel cable suspension

Suspension avec câble en acier



LÍNEA CONTINUA MO180 Y LÍNEA CONTINUA DE CABECERA MO190
CONTINUOUS LINE MO180 AND INITIAL CONTINUOUS LINE MO190
CÂBLAGE TRAVERSANT MO180 ET CÂBLAGE TRAVERSANT EN TÊTE MO190

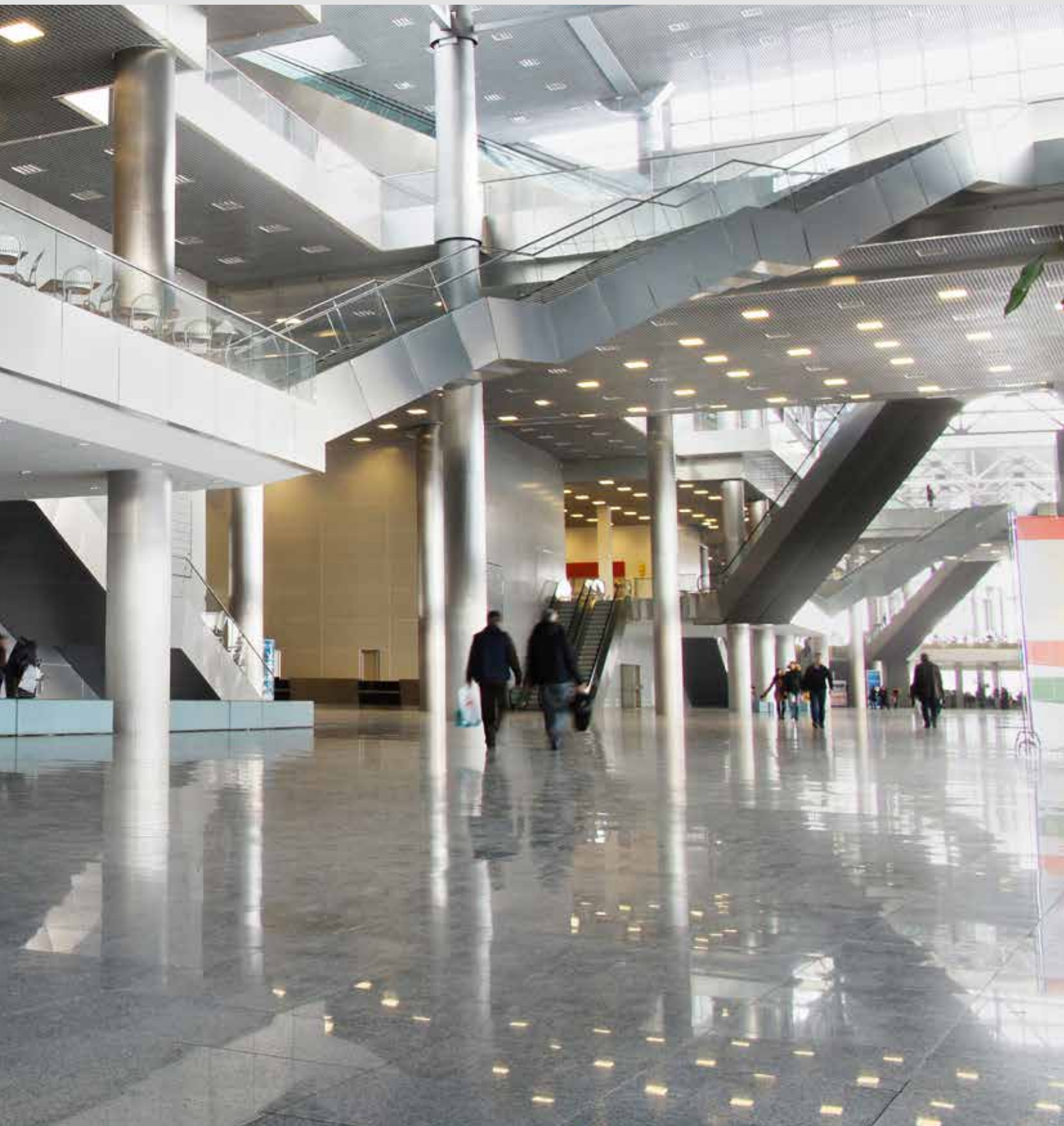
Unión
Union
Union

1-10
DALI

EMERGENCY
1h / 3h



TABLEAU D'APPLICATIONS



































































TR3 OPAL / MATTE / OPALE

Parking Serrano Park, Madrid, España
Serrano Park parking, Madrid, Spain
Parking Serrano Park, Madrid, Espagne

	Cuerpo luminaria tubo policarbonato Polycarbonate luminaire body Corps du luminaire tube polycarbonate		Cuerpo extrusion Aluminum body Corps aluminium		Rango de temperaturas Temperatures range Tranche de temperatures
	Cuerpo luminaria metacrilato Methacrylate luminaire body Corps du luminaire méthacrylate		Cuerpo Acero Prelacado Pre-lacquered steel body Corps en acier prélaqué		Ensayo hilo Glow wire test Essais fil incandescent
	Cuerpo luminaria vidrio borosilicato Glass borosilicate luminaire body Corps du luminaire verre borosilicate		Cuerpo Aluminio Prelacado Pre-lacquered aluminum body Corps en aluminium prélaqué		Alto factor High Factor Hautes temperatures
	Cuerpo luminaria ABS ABS luminaire body Corps du luminaire ABS		Cuerpo ABS ABS body Corp ABS		Conector rápido Quick Connector Connecteur rapide
	Cuerpo luminaria poliestireno Polystyrene luminaire body Corps du luminaire polystyrène		Difusor Policarbonato Polycarbonate Diffuser Diffuseur Polycarbonate		Entrada cablesroca M25 (2e) M25 Cable entry (2e) Entrée de câbles a vis M25 (2e)
	Cuerpo aluminio Extrusion Aluminum Body Corps extrusion aluminium		Difusor Policarbonato Opal Opal Polycarbonate Diffuser		Regulación de flujo Dimmable equipment Ballast gradable
	Cuerpo hierro Iron body Corps fer		Difusor Poliestireno Polystyrene Diffuser Diffuseur Polystyrène		Módulo LED LED Module Modules LED
	Tapas Aluminio pintado Painted Aluminum end caps Embouts aluminium peint		Difusor PC/ACRIL PC/ACRIL Diffuser Diffuseur PC/ACRIL		Tubo LED LED Tube Tube LED
	Tapa acero INOX Stainless Steel 304 end caps Embouts INOX 304		Lamas ABS ABS louvers Lames ABS		Tubo fluorescencia Fluorescent Tube Tube Fluorescent
	Tapa acero INOX Stainless Steel 316 end caps		Lamas ABS - PC ABS - PC louvers Lames ABS - PC		Tubo LED o Tubo fluorescente LED Tube or fluorescent tube Tube LED ou Tube fluorescent
	Tapas ABS ABS Plastic end caps Embouts PLASTIQUE ABS		Abrazaderas acero cincado Galvanized Steel Clamps Fixations acier zingué		Fuente de luz Light source Source de lumière
	Tapas Policarbonato PC Plastic end caps Embouts PLASTIQUE PC		Abrazaderas acero inox Stainless Steel Clamps Fixations INOX		Fuente de luz Light source Source de lumière
	Tapas Plástico Metalizado Metalized Plastic end caps Embouts PLASTIQUE CHROMÉ		Abrazaderas cierre rápido Quick opening stainless steel Fixations INOX ouverture à grenouillère		Fuente de luz Light source Source de lumière
	Tapas Zamak Niquelado Nickel-plated ZAMAK end caps Embouts ZAMAK NICKELÉ		Abrazaderas PC antivandálica Vandalism PC Clamps Fixations INOX ouverture à grenouillère		Zona ATEX EX Area ATEX Zone
	Tapas acero niquelado Nickel-plated steel end caps Embouts Acier Nickelé		Abrazaderas ABS ABS Clamps Fixations PMMA antivandalisme		Sistema de emergencia Emergy System Sisteme d'emergencia
	Aluminio Anodizado Anodized aluminum Aluminium anodisé		Aro ABS ABS Ring Fixations ABS		Grupo de riesgo fotobiológico Photobiological risk group Group de risque fotobiologique
	Reflector Aluminio brillo Reflector Aluminium Gloss Réflecteur Aluminium brillant		Abrazaderas techo o pared Ceiling or wall Clamps Fixations murs et parois		Índice MacAdam MacAdam Ellipse Taux MacAdam
	Reflector chapa lacada blanca White lacquered steel Reflector Réflecteur tôle lacquée blanc		Prensaestopa Cable Gland Presse étoupes		Índice de deslumbramiento unificado Unify glare rating Taux d'éblouissement
	Reflector acero lacado blanco White Lacquered Steel Reflector Réflecteur acier lacqué blanc		Empotrable para lámpara Embedded for lamps Encastrable pour lamp		Índice cromático Chromatic Index Taux chromatique
	Reflector acero galvanizado Galvanized Steel Reflector Réflecteur acier galvanisé		Brida suspensión perforación 18mm Clamps suspension borehole 18 mm Fixation avec suspension perforation 18 mm		Vida útil Useful life Durée de vie