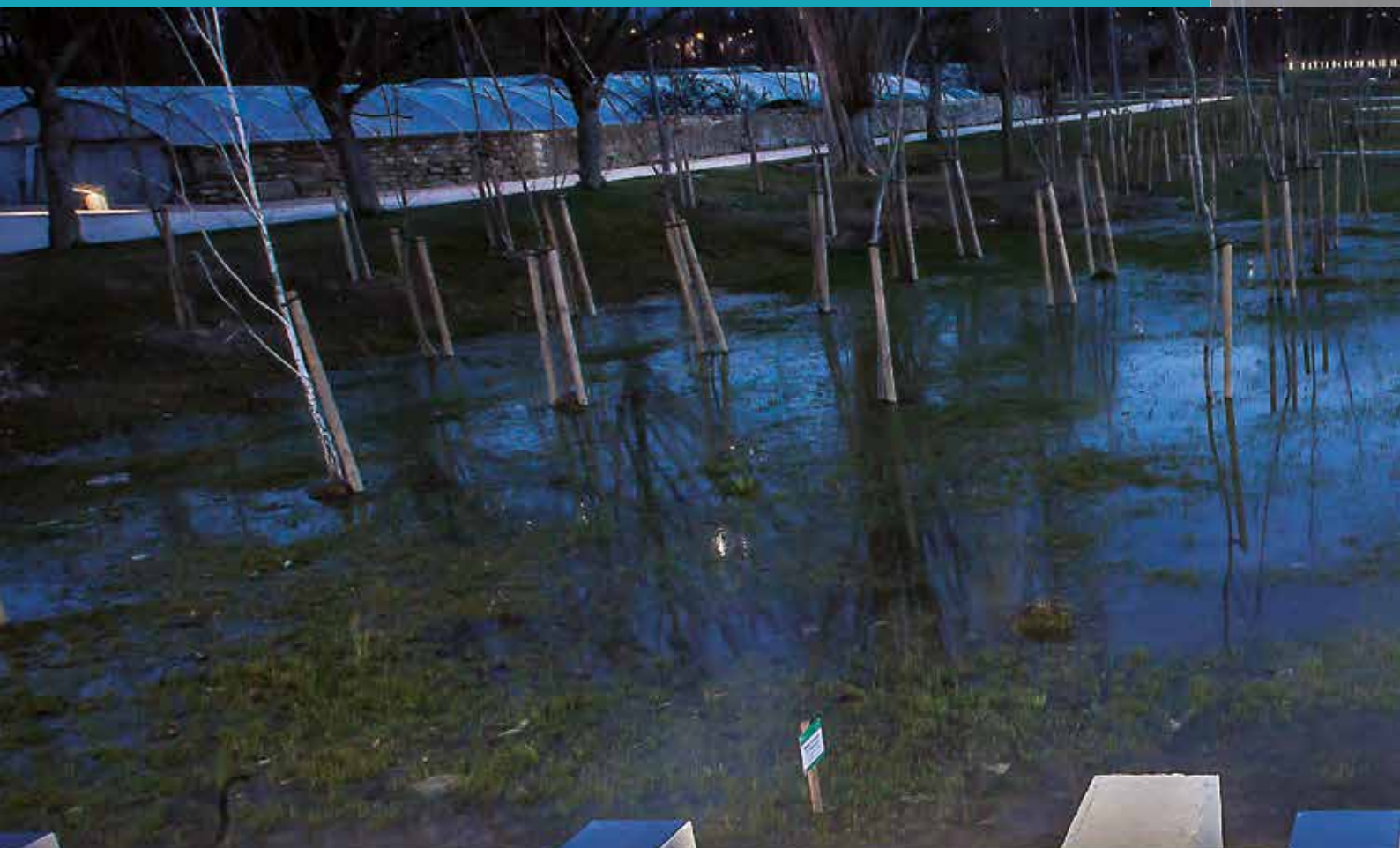

















# LUMINARIAS ESTANCAS

WATERPROOF LUMINAIRES / LUMINAIRES ÉTANCHES





1.1		<b>PEGASO</b> IP68-2 IK10 <b>Módulo LED/</b> LED module/ Module LED	   	/ 10
1.2		<b>TR1</b> IP68-2 IK10 <b>Tubo Fluorescente/</b> Lamp/ Lampe	   	/ 12
1.3		<b>MUSTANG</b> IP69K IK10 <b>Módulo LED/</b> LED module/ Module LED	   	/ 16
1.4		<b>RINOX</b> IP69K IK10 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	   	/ 18
1.5		<b>FARM LED</b> IP69K IK10 <b>Módulo LED/</b> LED module/ Module LED	  	/ 24
1.6		<b>FARM</b> P69K IK10 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	    	/ 26
1.7		<b>RANGE</b> IP69K IK07 <b>Módulo LED/</b> LED module/ Module LED	   	/ 32
1.8		<b>CHEMICAL</b> IP69K IK07 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	   	/ 34
1.9		<b>THUNDER</b> IP68-2 IK10 <b>Módulo LED/</b> LED module/ Module LED	   	/38
1.10		<b>RESIST</b> IP68-2 IK10 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	   	/ 40
1.11		<b>TUNNEL LED</b> IP68-2 IK10 <b>Módulo LED/</b> LED module/ Module LED	  	/ 48
1.12		<b>TUNNEL</b> IP68-2 IK10 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	  	/ 50
1.13		<b>OVEN</b> IP68-2 IK07 <b>Halógeno/</b> Halogen / Halogène	 	/ 54

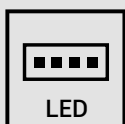
1.14		<b>FROZEN</b> IP68-2 IK07 <b>Halógeno/</b> Halogen / Halogène	 	/ 56
1.15		<b>SILVER</b> IP68-2 IK10 <b>Módulo LED/</b> LED module/ Module LED	 	/ 58
1.16		<b>TR2</b> IP68-2 IK10 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	   	/ 60
1.17		<b>ORION</b> IP67 IK09 <b>Módulo LED/</b> LED module/ Module LED	     	/ 66
1.18		<b>TR3</b> IP67 IK07 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	     	/ 70
1.19		<b>EXCALIBUR</b> IP67 IK10 <b>Módulo LED/</b> LED module/ Module LED	  	/ 78
1.20		<b>TR4</b> IP67 IK07 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	  	/ 80
1.21		<b>COMPACT</b> IP67 IK10 <b>Tubo fluorescente/</b> Lamp/ Lampe	  	/ 86
1.22		<b>EMELUX LED</b> IP67 IK07 <b>Módulo LED/</b> LED module/ Module LED	  	/ 88
1.23		<b>PISTON</b> IP65 IK07 <b>Módulo LED/</b> LED module/ Module LED	 	/ 90
1.24		<b>PISTON ECO</b> IP65 IK07 <b>Módulo LED/</b> LED module/ Module LED	 	/ 94
1.25		<b>SUPRA</b> IP65 IK07 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	 	/ 96
1.26		<b>MODELO M</b> IP65 <b>Tubo LED-Fluorescente/</b> LED tube-lamp/ Tube LED-lampe	   	/ 100
1.27		<b>CUADRO DE APLICACIONES</b> APPLICATIONS CHART TABLEAU D'APPLICATIONS		/ 1

# 1.1

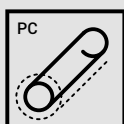
## PEGASO



Brida  
Clamp  
Collier



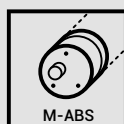
LED



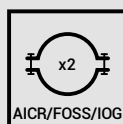
PC



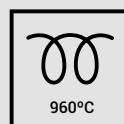
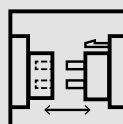
RAB/BAR/RAB



M-ABS

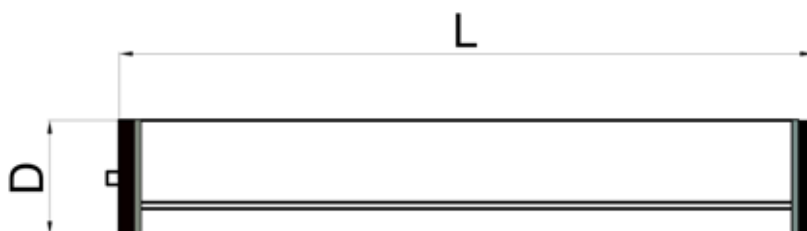
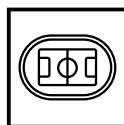


x2  
AICR/FOSS/IOG



960°C

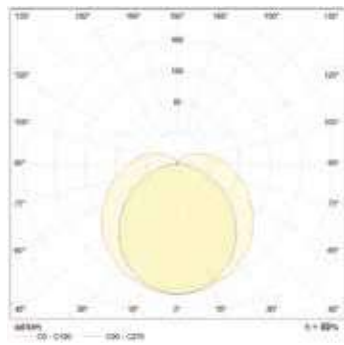
**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG1	MACADAM 3/4	UGR <19	CR>80	L70B50 > 50.000	IK10	IP68-2	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	D + brida D+ clamp D+fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
PE113	600	13	1490	1084	3000	721	100	120	1
PE114	600	13	1550	1127	4000	721	100	120	1
PE123	600	16	2560	1862	3000	721	100	120	1
PE124	600	16	2670	1942	4000	721	100	120	1
PE213	1200	24	2980	2168	3000	1235	100	120	1
PE214	1200	24	3200	2328	4000	1235	100	120	1
PE223	1200	32	5120	3724	3000	1235	100	120	1
PE224	1200	32	5340	3884	4000	1235	100	120	1
PE313	1500	29	3720	2706	3000	1581	100	120	1
PE314	1500	29	4000	2910	4000	1581	100	120	1
PE323	1500	40	6310	4590	3000	1581	100	120	1
PE324	1500	40	6700	4874	4000	1581	100	120	1

### ACCESORIOS PEGASO / PEGASO ACCESSORIES / ACCESSOIRES PEGASO

Ref. **Q0349**

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



Ref. **Q0840**

**Pieza anticavitación**  
Anticavitation piece  
Kit anti-cavitation



<b>LÍNEA CONTINUA</b> CONTINUOUS LINE CONNECTION CÂBLAGE TRAVERSANT	<b>3 polos / 3 poles / 3 pôles</b>
	<b>5 polos / 5 poles / 5 pôles</b>

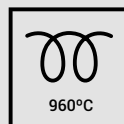
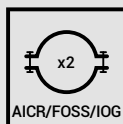
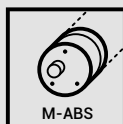
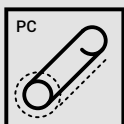
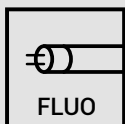
1-10 DALI	<b>EMERGENCY</b> 1h / 3h
--------------	-----------------------------

# 1.2

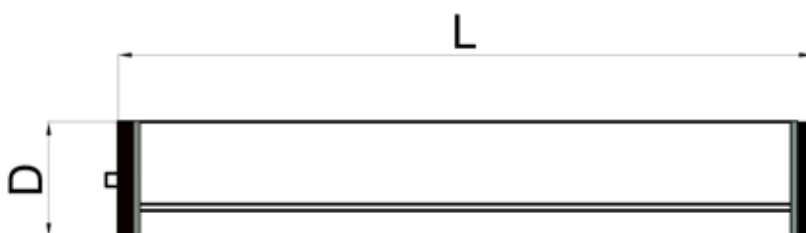
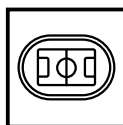
## TR1



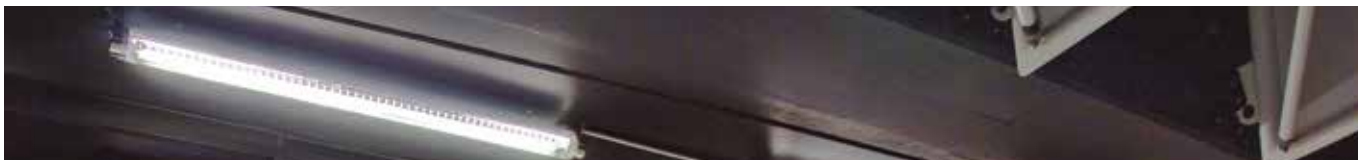
+ Brida  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

CE

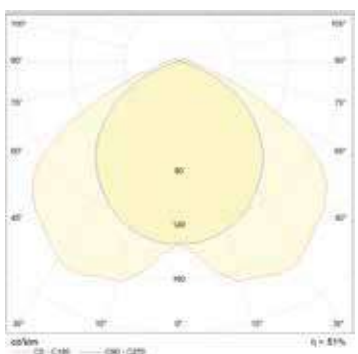
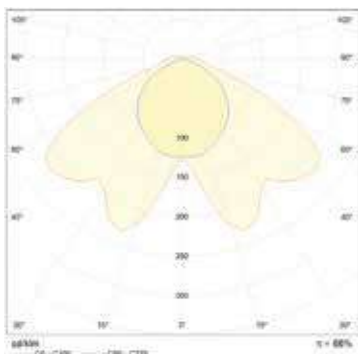
EN 60598-1



Estadio de Fútbol Nuevo San Mamés, Bilbao, España  
 New San Mamés Football Stadium, Bilbao, Spain  
 Nouveau Stade de Football de San Mamés, Bilbao, Espagne

TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0701	1 x 14	■	675	100	120	1
Q0705	1 x 24	■	675	100	120	1
Q0702	1 x 21	■	970	100	120	1
Q0706	1 x 39	■	970	100	120	1
Q0703	1 x 28	■	1.276	100	120	1
Q0708	1 x 54	■	1.276	100	120	1
Q0704	1 x 35	■	1.578	100	120	1
Q0707	1 x 49	■	1.578	100	120	1
Q0709	1 x 80	■	1.578	100	120	1
Q0719	2 x 14	■	675	100	120	1
Q0723	2 x 24	■	675	100	120	1
Q0720	2 x 21	■	970	100	120	1
Q0724	2 x 39	■	970	100	120	1
Q0721	2 x 28	■	1.276	100	120	1
Q0726	2 x 54	■	1.276	100	120	1
Q0722	2 x 35	■	1.578	100	120	1
Q0725	2 x 49	■	1.578	100	120	1

■ Electrónica / Electronic / Électronique

# 1.2

## TR1

### OPCIÓN CHAPA MICROPERFORADA

MICROPERFORATED TEEL PLATE OPTION  
OPTION GRILLE MICROPERFORÉE

Ref luminaria + "C". Ej.: Q0714C

Light fitting ref + "C". Ex.: Q0714C

Ref luminaire + "C". Ex.: Q0714C



Potencia  
Watts  
Puissance

(W)

14-24

21-39

28-54

35-49-80

### ACCESORIOS TR1 / TR1 ACCESORIES / ACCESSOIRES TR1



Ref.

Q0840

**Pieza anticavitación**  
Anticavitation piece  
Kit anti-cavitation



Q0349

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

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

5 polos / 5 poles / 5 pôles

1-10  
DALI

EMERGENCY  
1h / 3h



# 1.3

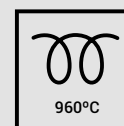
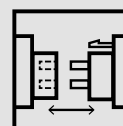
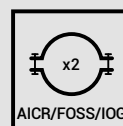
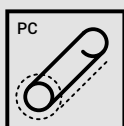
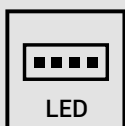
## MUSTANG



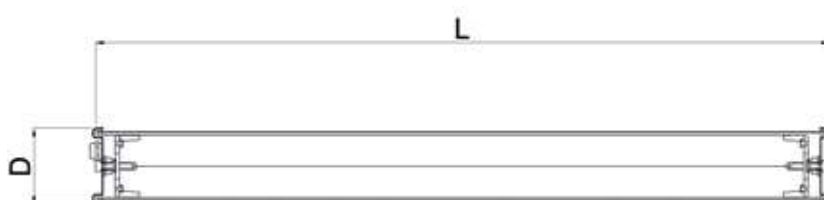
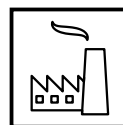
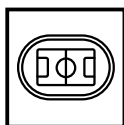
+ Brida  
Clamp  
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM

3/4

UGR  
<19

CR>80

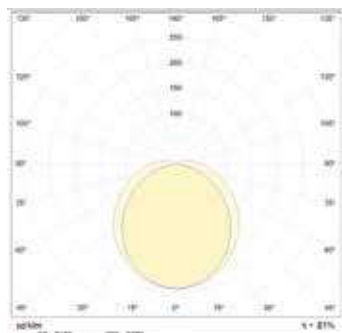
L70B50  
>  
50.000

IK10

IP69K

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	D + brida D + clamp D+fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
MU113	600	13	1490	997	3000	763	100	120	1
MU114	600	13	1550	1037	4000	763	100	120	1
MU123	600	16	2560	1712	3000	763	100	120	1
MU124	600	16	2670	1786	4000	763	100	120	1
MU213	1200	24	2980	1993	3000	1375	100	120	1
MU214	1200	24	3200	2140	4000	1375	100	120	1
MU223	1200	32	5120	3424	3000	1375	100	120	1
MU224	1200	32	5340	3571	4000	1375	100	120	1
MU313	1500	29	3720	2488	3000	1660	100	120	1
MU314	1500	29	4000	2675	4000	1660	100	120	1
MU323	1500	40	6310	4220	3000	1660	100	120	1
MU324	1500	40	6700	4481	4000	1660	100	120	1

## ACCESORIOS MUSTANG / ACCESSORIES MUSTANG / ACCESSOIRES MUSTANG



Ref. Q0349

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



Ref. Q0347

**Bridas de acero inoxidable con protección de caucho**  
Stainless steel clamps  
Colliers inox antivandalisme



Ref. Q0338

**Bridas de acero cincado**  
Zinc-plated steel clamps  
Colliers en acier galvanisé



Ref. Q0110

**Brida de policarbonato**  
Polycarbonate clamp  
Colliers en polycarbonate



Ref. Q0657

**Tapa acero INOX 316**  
Stainless Steel 316 end caps  
Embouts INOX 316

### LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0570

5 polos / 5 poles / 5 pôles

Ref. Q0571

1-10  
DALI

EMERGENCY  
1h / 3h

# 1.4

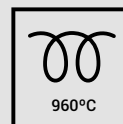
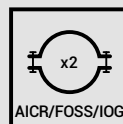
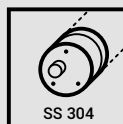
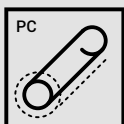
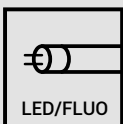
## RINOX



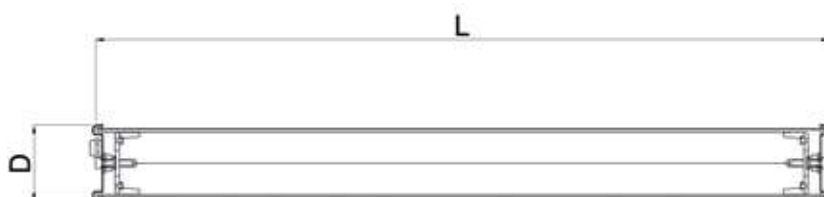
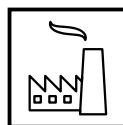
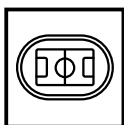
Brida  
Clamp  
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IK10

IP69K

CE

EN 60598-1

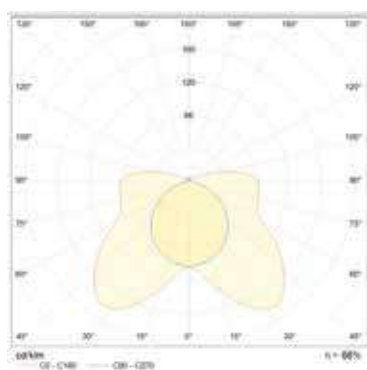


## TUBO FLUORESCENTE / LAMP / LAMPE

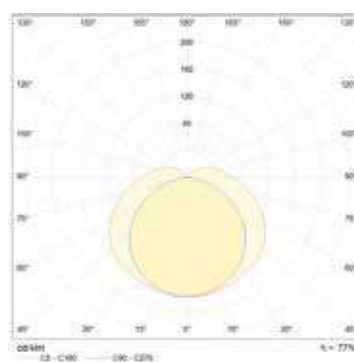
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D+fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0511	1 x 18	■	683	100	120	1
Q0513	1 x 36	■	1.293	100	120	1
Q0515	1 x 58	■	1.593	100	120	1
Q0517	2 x 18	■	683	100	120	1
Q0519	2 x 36	■	1.293	100	120	1
Q0521	2 x 58	■	1.593	100	120	1

### ■ Electrónica / Electronic / Électronique



1x



2x

# 1.4

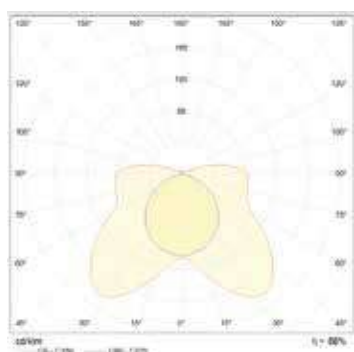
## RINOX

TUBO FLUORESCENTE / LAMP / LAMPE

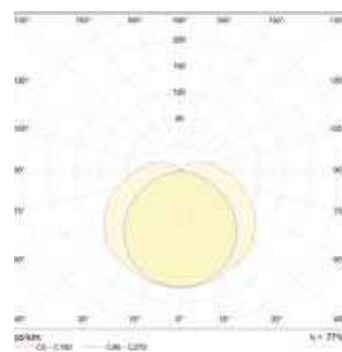
T5

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D+fixations	Embalaje Packaging Emballage
	(W)	■	(mm)	(mm)	(mm)	
Q0525	1 x 14	■	643	100	120	1
Q0533	1 x 24	■	643	100	120	1
Q0527	1 x 21	■	942	100	120	1
Q0535	1 x 39	■	942	100	120	1
Q0529	1 x 28	■	1.242	100	120	1
Q0539	1 x 54	■	1.242	100	120	1
Q0531	1 x 35	■	1.542	100	120	1
Q0537	1 x 49	■	1.542	100	120	1
Q0541	1 x 80	■	1.542	100	120	1
Q0543	2 x 14	■	643	100	120	1
Q0551	2 x 24	■	643	100	120	1
Q0545	2 x 21	■	942	100	120	1
Q0553	2 x 39	■	942	100	120	1
Q0547	2 x 28	■	1.242	100	120	1
Q0557	2 x 54	■	1.242	100	120	1
Q0549	2 x 35	■	1.542	100	120	1
Q0555	2 x 49	■	1.542	100	120	1

■ Electrónica / Electronic / Électronique



1x



2x

**ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES**



T8

Ref.	Potencia Watts <i>Puissance</i>	Equipo Equipment <i>Ballast</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(W)		(mm)	(mm)	(mm)	
Q0559	1 x 18		683	100	120	1
Q0560	1 x 36		1.293	100	120	1
Q0561	1 x 58		1.593	100	120	1
Q0562	2 x 18		683	100	120	1
Q0563	2 x 36		1.293	100	120	1
Q0564	2 x 58		1.593	100	120	1

**RINOX LED**

**TUBO LED / LED TUBE / TUBE LED**

Ref.	Longitud tubo Tube length <i>Longueur tube</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(mm)	(mm)	(mm)	(mm)	
Q0511L	1 x 600	683	100	120	1
Q0513L	1 x 1.200	1.293	100	120	1
Q0515L	1 x 1.500	1.593	100	120	1
Q0517L	2 x 600	683	100	120	1
Q0519L	2 x 1.200	1.293	100	120	1
Q0521L	2 x 1.500	1.593	100	120	1

# 1.4

## RINOX

### ACCESORIOS RINOX / RINOX ACCESORIES / ACCESSOIRES RINOX

#### RINOX OPAL



Ref.

Potencia  
Watts  
Puissance

(W)

18

36

58

14-24

21-39

28-54

35-49-80

Ref luminaria + "O". Ej.: Q05110

Light fitting ref + "O". Ex.: Q05110

Ref luminaire + "O". Ex.: Q05110



Ref.

Q0349

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



Q0656

**Bridas de acero inoxidable con protección de caucho**  
Stainless steel clamps  
Colliers inox antivandalisme



Q0159

**Bridas de acero cincado**  
Zinc-plated steel clamps  
Colliers en acier galvanisé



Q0153

**Brida de policarbonato**  
Polycarbonate clamp  
Colliers en polycarbonate



Q0657

**Tapa acero INOX 316**  
Stainless Steel 316 end caps  
Embouts INOX 316

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref Q0565

5 polos / 5 poles / 5 pôles

Ref. Q0566

1-10  
DALI

EMERGENCY  
1h / 3h



**TR3**

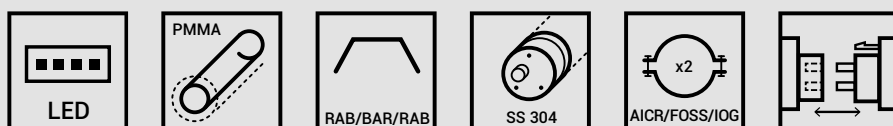
Residencia Estudiantes, Manresa, España. Luminaria TR3, por el arquitecto Xavier Tragant  
Student housing, Manresa, Spain. TR3 luminaire, by Xavier Tragant architect  
Foyer d'étudiants, Manresa, Espagne. TR3 luminaire, Xavier Tragant architecte

# 1.5

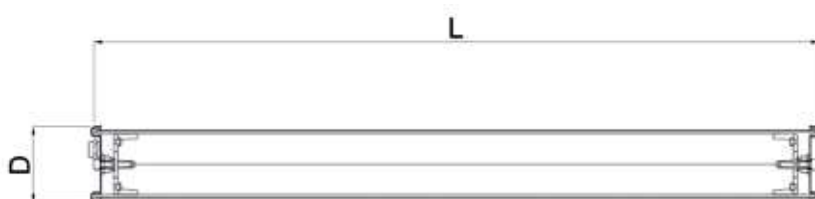
## FARM LED



**ANTIVANDÁLICA** / ANTIVANDALISM / ANTIVANDALISME



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM

3/4

UGR  
<19

CR>80

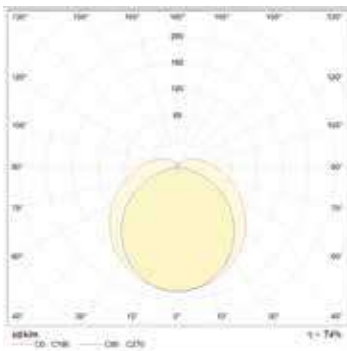
L70B50  
>  
50.000

IK10

IP69K

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	D + brida D + clamp D+fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
Q0795	600	13	1490	1155	3000	763	100	120	1
Q0899	600	13	1550	1201	4000	763	100	120	1
Q0900	600	16	2560	1984	3000	763	100	120	1
Q0955	600	16	2670	2070	4000	763	100	120	1
Q0796	1200	24	2980	2310	3000	1375	100	120	1
Q0957	1200	24	3200	2480	4000	1375	100	120	1
Q0958	1200	32	5120	3969	3000	1375	100	120	1
Q0959	1200	32	5340	4139	4000	1375	100	120	1
Q0797	1500	29	3720	2883	3000	1660	100	120	1
Q0961	1500	29	4000	3100	4000	1660	100	120	1
Q0962	1500	40	6310	4891	3000	1660	100	120	1
Q0963	1500	40	6700	5193	4000	1660	100	120	1

## ACCESORIOS FARM / FARM ACCESSORIES / ACCESSOIRES FARM /



Ref. Q0349

**Suspensión con cable de acero**

Steel cable suspension  
Suspension avec câble en acier



Ref. Q0401

**Bridas de acero inoxidable**

Stainless steel clamps  
Colliers inox antivandalisme



Ref. Q0159

**Bridas de acero cincado**

Zinc-plated steel clamps  
Colliers en acier galvanisé



Ref. Q0158

**Brida de metacrilato**

Antivandalic acrylic  
Colliers en méthacrylate



Ref. Q0657

**Tapa acero INOX 316**  
Stainless Steel 316 end caps  
Embouts INOX 316

### LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0570

5 polos / 5 poles / 5 pôles

Ref. Q0571

1-10  
DALI

EMERGENCY  
1h / 3h

# 1.6

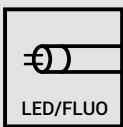
## FARM



+ **Brida**  
Clamp  
Collier



**ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME**



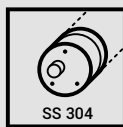
LED/FLUO



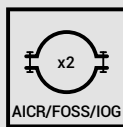
PMMA



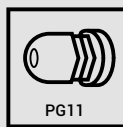
RAB/BAR/RAB



SS 304

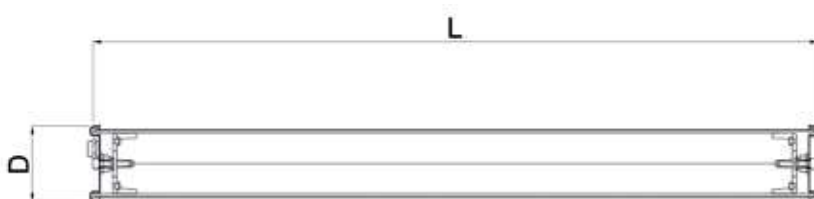
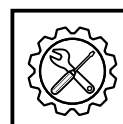
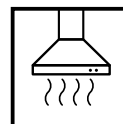


AICR/FOSS/IOG



PG11

**APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES**



IT - DE



IK10

IP69K

CE

EN 60598-1

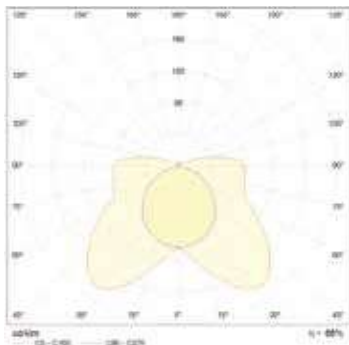


**TUBO FLUORESCENTE / LAMP / LAMPE**

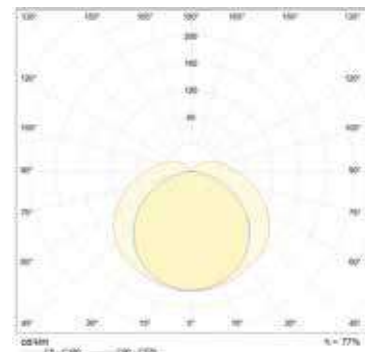
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D+fixations	Embalaje Packaging Carton
	(W)	■	(mm)	(mm)	(mm)	
Q0741	1 x 18	■	683	100	120	1
Q0743	1 x 36	■	1293	100	120	1
Q0745	1 x 58	■	1593	100	120	1
Q0747	2 x 18	■	683	100	120	1
Q0749	2 x 36	■	1293	100	120	1
Q0751	2 x 58	■	1593	100	120	1

■ **Electrónica / Electronic / Électronique**



1x



2x

# 1.6

## FARM

### TUBO FLUORESCENTE / LAMP / LAMPE

T5

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D+fixations	Embalaje Packaging Carton
	(W)		(mm)	(mm)	(mm)	
Q0755	1 x 14	■	643	100	120	1
Q0763	1 x 24	■	643	100	120	1
Q0757	1 x 21	■	942	100	120	1
Q0765	1 x 39	■	942	100	120	1
Q0759	1 x 28	■	1242	100	120	1
Q0769	1 x 54	■	1242	100	120	1
Q0771	1 x 80	■	1242	100	120	1
Q0761	1 x 35	■	1542	100	120	1
Q0767	1 x 49	■	1542	100	120	1
Q0773	2 x 14	■	643	100	120	1
Q0781	2 x 24	■	643	100	120	1
Q0783	2 x 39	■	942	100	120	1
Q0775	2 x 21	■	942	100	120	1
Q0787	2 x 54	■	1242	100	120	1
Q0777	2 x 28	■	1242	100	120	1
Q0779	2 x 35	■	1542	100	120	1
Q0785	2 x 49	■	1542	100	120	1

■ Electrónica / Electronic / Électronique

### TUBO LED / LED TUBE / TUBE LED

T8

Ref.	Longitud tubo Tube length Longueur tube	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Carton
	(mm)	(mm)	(mm)	(mm)	
Q0741L	1 x 600	683	100	120	1
Q0743L	1 x 1200	683	100	120	1
Q0745L	1 x 1500	1293	100	120	1
Q0747L	2 x 600	683	100	120	1
Q0749L	2 x 1200	683	100	120	1
Q0751L	2 x 1500	1293	100	120	1

IK10

IP69K

CE

EN 60598-1

**ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES**

T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Carton
	(W)		(mm)	(mm)	(mm)	
Q0789	1 x 18		709	100	120	1
Q0790	1 x 36		1.319	100	120	1
Q0791	1 x 58		1.624	100	120	1
Q0792	2 x 18		709	100	120	1
Q0798	2 x 36		1293+671	100	120	1
Q0799	2 x 58		1593+671	100	120	1

**Altas temperaturas / High temperatures / Hautes Températures**



2 X 36

2 X 58

**Manguera de unión: 50 cm**  
Union hose: 50 cm  
Câble d'union: 50 cm

**ACCESORIOS FARM / FARM ACCESSORIES / ACCESSOIRES FARM /**

Ref. Q0349

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



Ref. Q0401

**Bridas de acero inoxidable**  
Stainless steel clamps  
Colliers inox antivandalisme



Ref. Q0159

**Bridas de acero cincado**  
Zinc-plated steel clamps  
Colliers en acier galvanisé



Ref. Q0158

**Brida de metacrilato**  
Antivandalic acrylic  
Colliers en méthacrylate



Ref. Q0657

**Tapa acero INOX 316**  
Stainless Steel 316 end caps  
Embouts INOX 316

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0793

5 polos / 5 poles / 5 pôles

Ref. Q0794

1-10  
DALI

**EMERGENCY**  
1h / 3h





# 1.7

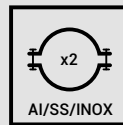
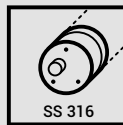
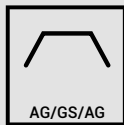
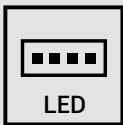
## RANGE



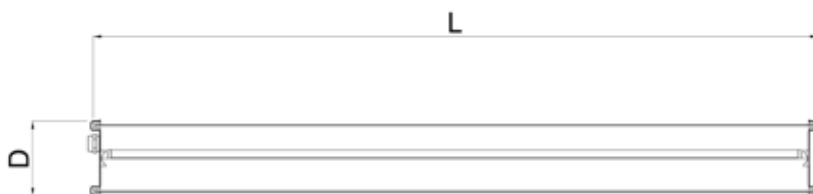
Brida  
Clamp  
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME




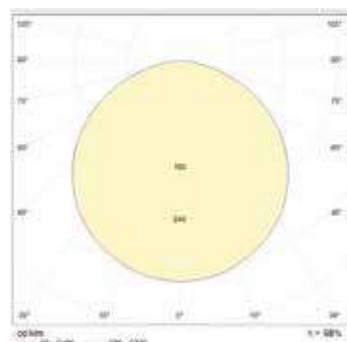
APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



<b>RG1</b>	<b>MACADAM</b> <b>3/4</b>	<b>UGR</b> <b>&lt;19</b>	 <b>CR&gt;80</b>	<b>L70B50</b> <b>&gt;</b> <b>50.000</b>	<b>IK07</b>	<b>IP69K</b>	<b>CE</b>  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	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
RA113	600	13	1490	1480	3000	740	105	133	1
RA114	600	13	1550	1540	4000	740	105	133	1
RA123	600	16	2560	2544	3000	740	105	133	1
RA124	600	16	2670	2653	4000	740	105	133	1
RA213	1200	24	2980	2961	3000	1340	105	133	1
RA214	1200	24	3200	3180	4000	1340	105	133	1
RA223	1200	32	5120	5087	3000	1340	105	133	1
RA224	1200	32	5340	5306	4000	1340	105	133	1
RA313	1500	29	3720	3696	3000	1640	105	133	1
RA314	1500	29	4000	3974	4000	1640	105	133	1
RA323	1500	40	6310	6270	3000	1640	105	133	1
RA324	1500	40	6700	6657	4000	1640	105	133	1

## ACCESORIOS RANGE / ACCESORIES RANGE / ACCESSOIRES RANGE

Ref. **Q0349**  
**Suspensión con cable de acero**  
Steel cable suspension  
*Suspension avec câble en acier*



**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

**3 polos / 3 poles / 3 pôles**

**Ref. Q0572**

**5 polos / 5 poles / 5 pôles**

**Ref. Q0573**

**1-10**  
**DALI**

**EMERGENCY**  
**1h / 3h**

# 1.8

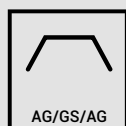
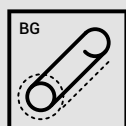
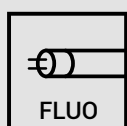
## CHEMICAL



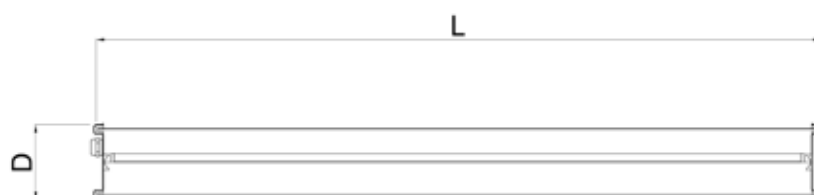
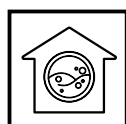
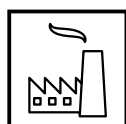
Brida  
Clamp  
Collier



ANTIVANDÁLICA / ANTIVANDALISM / ANTIVANDALISME



APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IK07

IP69K

CE

EN 60598-1



## TUBO FLUORESCENTE / LAMP / LAMPE

T8

Ref.	Potencia Watts <i>Puissance</i>	Equipo Equipment <i>Ballast</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(W)		(mm)	(mm)	(mm)	
Q0937	1 x 18	■	714	105	133	1
Q0938	1 x 36	■	1324	105	133	1
Q0942	1 x 58	■	1934	105	133	1

■ Electrónica / Electronic / *Électronique*



80°C

## ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES

T8

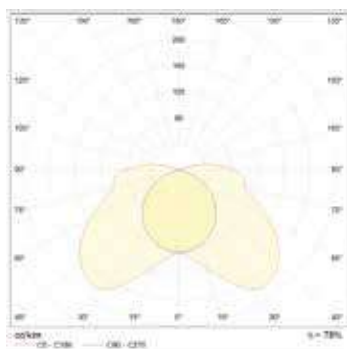
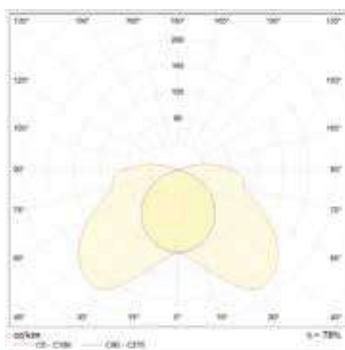
Ref.	Potencia Watts <i>Puissance</i>	Equipo Equipment <i>Ballast</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(W)		(mm)	(mm)	(mm)	
Q0939	1 x 18	⚠	720	105	133	1
Q0940	1 x 36	⚠	1.328	105	133	1
Q0941	1 x 58	⚠	1.934	105	133	1

# 1.8

## CHEMICAL

### TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0901	1 x 14	■	674	105	133	1
Q0905	1 x 24	■	674	105	133	1
Q0902	1 x 21	■	974	105	133	1
Q0906	1 x 39	■	974	105	133	1
Q0903	1 x 28	■	1.274	105	133	1
Q0908	1 x 54	■	1.274	105	133	1
Q0904	1 x 35	■	1.574	105	133	1
Q0907	1 x 49	■	1.574	105	133	1
Q0909	1 x 80	■	1.574	105	133	1
Q0919	2 x 14	■	674	105	133	1
Q0923	2 x 24	■	674	105	133	1
Q0920	2 x 21	■	974	105	133	1
Q0924	2 x 39	■	974	105	133	1
Q0921	2 x 28	■	1.274	105	133	1
Q0926	2 x 54	■	1.274	105	133	1
Q0922	2 x 35	■	1.574	105	133	1
Q0925	2 x 49	■	1.574	105	133	1

■ Electrónica / Electronic / Électronique

### ACCESORIOS CHEMICAL / ACCESORIES CHEMICAL / ACCESSOIRES CHEMICAL



Ref. Q0349

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

LÍNEA CONTINUA  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

5 polos / 5 poles / 5 pôles

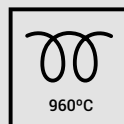
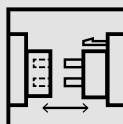
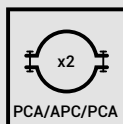
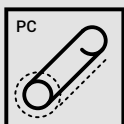
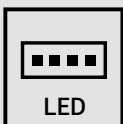
1-10  
DALI

EMERGENCY  
1h / 3h

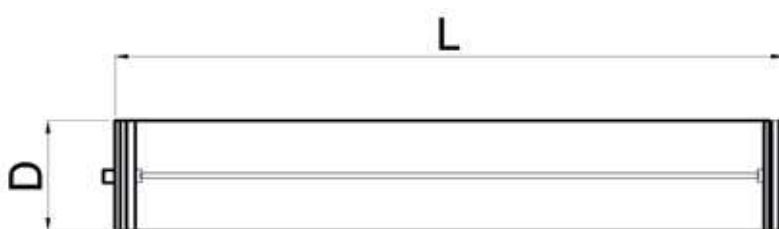
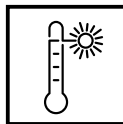
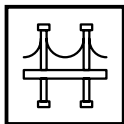
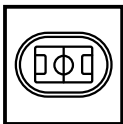


# 1.9

## THUNDER



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG 0/1

MACADAM  
3/4

UGR  
<19

CR>80

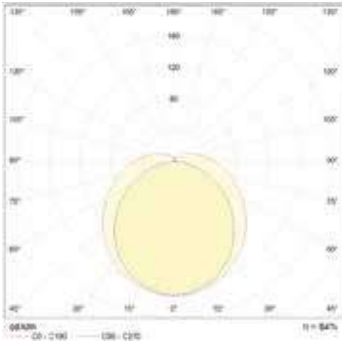
L70B50  
>  
50.000

IK10

IP68-2

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	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
TH113	600	13	1490	997	3000	709	83	113	1
TH114	600	13	1550	1037	4000	709	83	113	1
TH123	600	16	2560	1712	3000	709	83	113	1
TH124	600	16	2670	1786	4000	709	83	113	1
TH213	1200	24	2980	1993	3000	1319	83	113	1
TH214	1200	24	3200	2140	4000	1319	83	113	1
TH223	1200	32	5120	3424	3000	1319	83	113	1
TH224	1200	32	5340	3571	4000	1319	83	113	1
TH313	1500	29	3720	2488	3000	1574	83	113	1
TH314	1500	29	4000	2675	4000	1574	83	113	1
TH323	1500	40	6310	4220	3000	1574	83	113	1
TH324	1500	40	6700	4481	4000	1574	83	113	1

## ACCESORIOS THUNDER / THUNDER ACCESORIES / ACCESSOIRES THUNDER



Ref. Q0349

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



Q0655

**Bridas de acero inoxidable**  
Stainless steel clamps  
Colliers inox antivandalisme



Q0109

**Bridas de acero inoxidable de  
apertura rápida**  
Quick opening stainless steel  
clamps  
Colliers inox de ouverture rapide  
à grenouillère



Q0159

**Bridas de acero cincado**  
Zinc-plated steel clamps  
Colliers en acier galvanisé

Ref. Q0147

**Pieza anticavitación**  
Anticavitation piece  
Kit anti-cavitation



**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0574

5 polos / 5 poles / 5 pôles

Ref. Q0575

1-10  
DALI

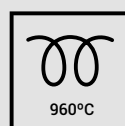
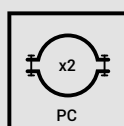
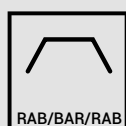
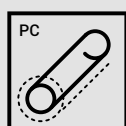
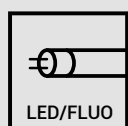
EMERGENCY  
1h / 3h

# 1.10

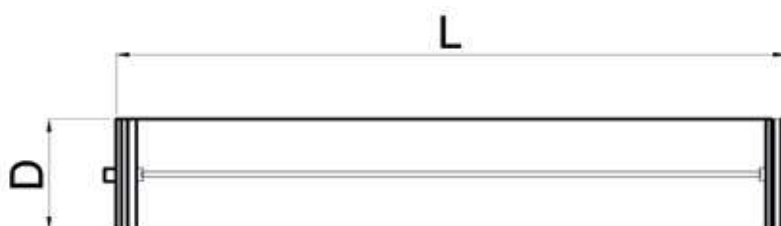
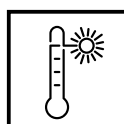
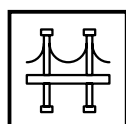
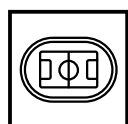
## RESIST



Brida  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

CE

EN 60598-1

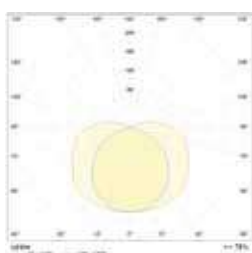


**TUBO FLUORESCENTE / LAMP / LAMPE**

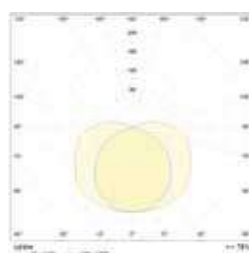
T8

Ref.	Potencia Watts <i>Puissance</i>	Equipo Equipment <i>Ballast</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(W)	■	(mm)	(mm)	(mm)	
Q0601	1 x 18	■	709	83	113	1
Q0602	1 x 36	■	1.319	83	113	1
Q0603	1 x 58	■	1.624	83	113	1
Q0604	2 x 18	■	709	83	113	1
Q0605	2 x 36	■	1.319	83	113	1
Q0606	2 x 58	■	1.624	83	113	1

■ **Electrónica / Electronic / Électronique**



1x



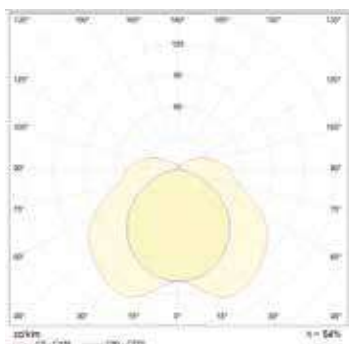
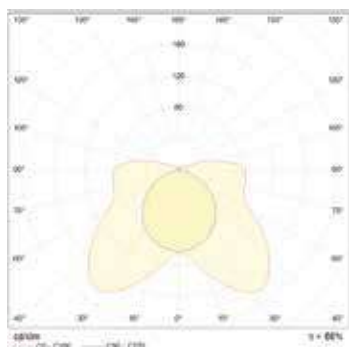
2x

# 1.10

## RESIST

### TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0613	1 x 14	■	671	83	113	1
Q0617	1 x 24	■	671	83	113	1
Q0614	1 x 21	■	966	83	113	1
Q0618	1 x 39	■	966	83	113	1
Q0615	1 x 28	■	1.272	83	113	1
Q0620	1 x 54	■	1.272	83	113	1
Q0616	1 x 35	■	1.574	83	113	1
Q0619	1 x 49	■	1.574	83	113	1
Q0621	1 x 80	■	1.574	83	113	1
Q0631	2 x 14	■	671	83	113	1
Q0635	2 x 24	■	671	83	113	1
Q0632	2 x 21	■	966	83	113	1
Q0636	2 x 39	■	966	83	113	1
Q0633	2 x 28	■	1.272	83	113	1
Q0638	2 x 54	■	1.272	83	113	1
Q0634	2 x 35	■	1.574	83	113	1
Q0637	2 x 49	■	1.574	83	113	1

■ Electrónica / Electronic / Électronique

### ALTAS TEMPERATURAS / HIGH TEMPERATURES / HAUTES TEMPÉRATURES



T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0640	1 x 18	⚠	709	83	113	1
Q0641	1 x 36	⚠	1.319	83	113	1
Q0642	1 x 58	⚠	1.624	83	113	1
Q0643	2 x 18	⚠	709	83	113	1
Q0644	2 x 36	⚠	1.319	83	113	1
Q0645	2 x 58	⚠	1.624	83	113	1

El Policarbonato no soporta los hidrocarburos y grasas o aceites de cocina. Producto NO apto para su instalación en campanas extractoras / Polycarbonate lightfittings don't allow hydrocarbons

Le polycarbonate ne convient pas pour une utilisation en présence d'air qui contient des hydrocarbures ou en présence de graisses ou d'huiles de cuisine. Ce luminaire n'est pas approprié pour son installation dans les hottes de cuisines industrielles.

IK10

IP68-2

CE

EN 60598-1

## RESIST TUBO LED



**Brida**  
Clamp  
Collier



## TUBO LED / LED TUBE / TUBE LED

Ref.	Longitud tubo Tube lenght Longueur tube (mm)	L (mm)	D (mm)	D + brida D + clamp D + fixations (mm)	Embalaje Packaging Emballage
Q0601L	1 x 600	709	83	113	1
Q0602L	1 x 1.200	1.319	83	113	1
Q0603L	1 x 1.500	1.624	83	113	1
Q0604L	2 x 600	709	83	113	1
Q0605L	2 x 1.200	1.319	83	113	1
Q0606L	2 x 1.500	1.624	83	113	1

# 1.10

## RESIST

### RESIST OPAL



Ref.	Potencia Watts Puissance
	(W)
	18
<b>Ref luminaria + "O".</b>	36
<b>Ej.: Q06010</b>	58
Light fitting ref + "O".	14-24
Ex.: Q06010	21-39
Ref luminaire + "O".	28-54
Ex.: Q06010	35-49-80

### ACCESORIOS RESIST / RESIST ACCESORIES / ACCESSOIRES RESIST



Ref.

Q0156

**Bridas de acero inoxidable de apertura rápida**  
Quick opening stainless steel clamps  
*Colliers inox de ouverture rapide à grenouillère*



Q0655

**Bridas de acero inoxidable**  
Stainless steel clamps  
*Colliers inox antivandalisme*



Q0159

**Bridas de acero cincado**  
Zinc-plated steel clamps  
*Colliers en acier galvanisé*



Ref.

Q0160

**Válvula anticondensación y de equilibrado de presión**  
Anticondensation valve and pressure balancing  
*Valve anti-condensation et équilibrage de pression*



Q0349

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



Q0147

**Pieza anticavitación**  
Anticavitation piece  
*Kit anti-cavitation*

#### LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION  
*CÂBLAGE TRAVERSANT*

3 polos / 3 poles / 3 pôles

Ref. Q0404

5 polos / 5 poles / 5 pôles

Ref. Q0406

1-10  
DALI

EMERGENCY  
1h / 3h





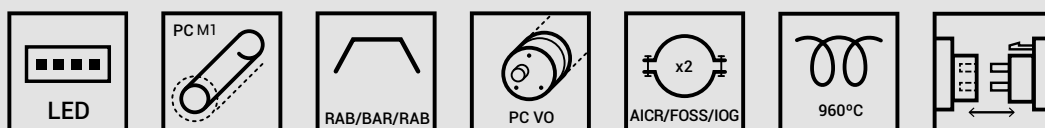


**RESIST**

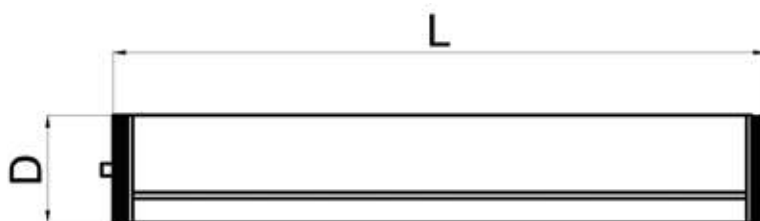
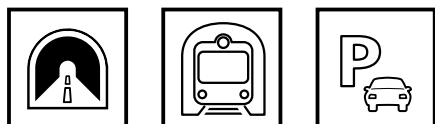
Túnel peatonal, Zaragoza, España  
Pedestrian tunnel, Zaragoza, Spain  
*Tunnel pour piétonnier, Saragosse, Espagne*

# 1.11

## TUNNEL LED



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1	MACADAM 3/4	UGR <19	CR>80	L70B50 > 50.000	IP68-2	IK10	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	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
TU113	600	13	1490	1084	3000	788	100	133	1
TU114	600	13	1550	1127	4000	788	100	133	1
TU123	600	16	2560	1862	3000	788	100	133	1
TU124	600	16	2670	1942	4000	788	100	133	1
TU213	1200	24	2980	2168	3000	1302	100	133	1
TU214	1200	24	3200	2328	4000	1302	100	133	1
TU223	1200	32	5120	3724	3000	1302	100	133	1
TU224	1200	32	5340	3884	4000	1302	100	133	1
TU313	1500	29	3720	2706	3000	1648	100	133	1
TU314	1500	29	4000	2910	4000	1648	100	133	1
TU323	1500	40	6310	4590	3000	1648	100	133	1
TU324	1500	40	6700	4878	4000	1648	100	133	1

### ACCESORIOS TUNNEL LED ACCESORIES TUNNEL LED ACCESSOIRES TUNNEL LED



Ref.

Q0349

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



Q0156

Bridas de acero inoxidable de apertura rápida  
Quick opening stainless steel clamps  
Colliers inox de ouverture rapide à grenouillère



Q0840

Pieza anticavitación  
Anticavitation piece  
Kit anti-cavitation

LÍNEA CONTINUA  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0970

5 polos / 5 poles / 5 pôles

Ref. Q0971

1-10  
DALI

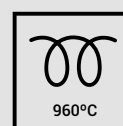
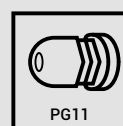
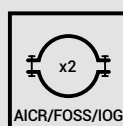
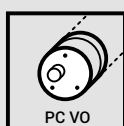
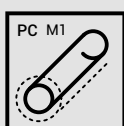
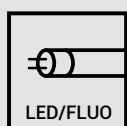
EMERGENCY  
1h / 3h

# 1.12

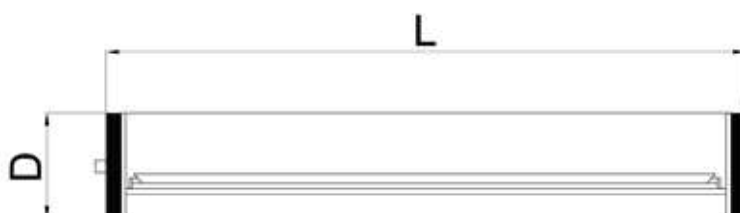
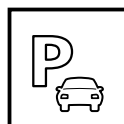
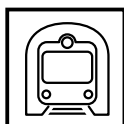
## TUNNEL



+ **Brida**  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IK10

IP68-2

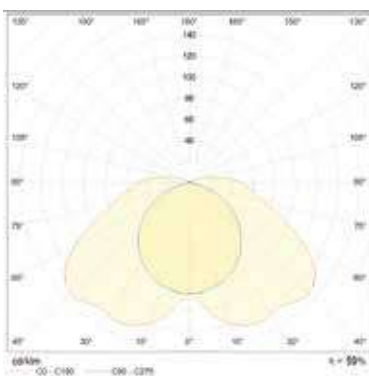
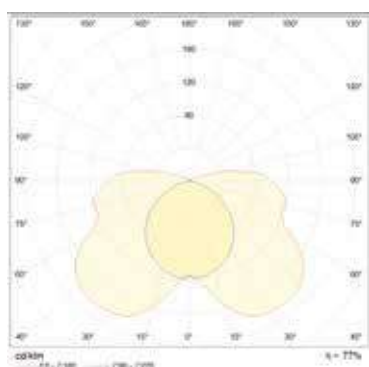
CE

EN 60598-1



**TUBO FLUORESCENTE / LAMP / LAMPE**

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0801	1 x 14	■	675	105	133	1
Q0805	1 x 24	■	675	105	133	1
Q0802	1 x 21	■	970	105	133	1
Q0806	1 x 39	■	970	105	133	1
Q0803	1 x 28	■	1276	105	133	1
Q0808	1 x 54	■	1276	105	133	1
Q0804	1 x 35	■	1.578	105	133	1
Q0807	1 x 49	■	1.578	105	133	1
Q0809	1 x 80	■	1.578	105	133	1
Q0819	2 x 14	■	675	105	133	1
Q0823	2 x 24	■	675	105	133	1
Q0820	2 x 21	■	970	105	133	1
Q0824	2 x 39	■	970	105	133	1
Q0821	2 x 28	■	1276	105	133	1
Q0826	2 x 54	■	1.276	105	133	1
Q0822	2 x 35	■	1.578	105	133	1
Q0825	2 x 49	■	1.578	105	133	1

■ Electrónica / Electronic / Électronique

# 1.12

## TUNNEL

### TUBO LED / LED TUBE / TUBE LED

T8

Ref.	Longitud tubo Tube length Longueur tube (mm)	L (mm)	D (mm)	D + brida D + clamp D + fixations (mm)	Embalaje Packaging Emballage
Q0801L	1 x 600	721	105	133	1
Q0802L	1 x 900	1.055	105	133	1
Q0803L	1 x 1.200	1.321	105	133	1
Q0804L	1 x 1.500	1.581	105	133	1
Q0805L	2 x 600	721	105	133	1
Q0806L	2 x 900	1.055	105	133	1
Q0807L	2 x 1.200	1.321	105	133	1
Q0808L	2 x 1.500	1.581	105	133	1

### ACCESORIOS TUNNEL/ TUNNEL ACCESORIES/ TUNNEL ACCESSOIRES



Ref. Q0349

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



Q0156

**Bridas de acero inoxidable de apertura rápida**  
Quick opening stainless steel clamps  
Colliers inox de ouverture rapide à grenouillère



Q0840

**Pieza anticavitación**  
Anticavitation piece  
Kit anti-cavitation

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0576

5 polos / 5 poles / 5 pôles

Ref. Q0577

1-10  
DALI

EMERGENCY  
1h / 3h

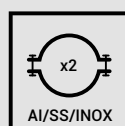
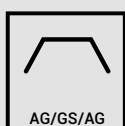
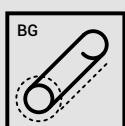
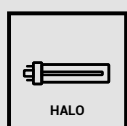


# 1.13

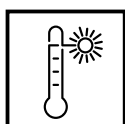
## OVEN



**Brida**  
Clamp  
Collier



**APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES**



+200 °C



IT - DE

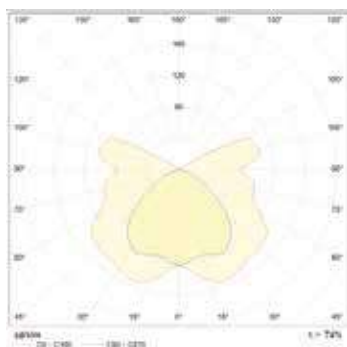


IP68-2

IK07

CE

EN 60598-1



Ref.	Potencia Watts Puissance	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)	(mm)	(mm)	(mm)	
Q0949	1x40	275	105	140	1
Q0950	2x40	275	105	140	1

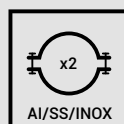
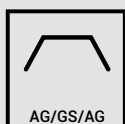
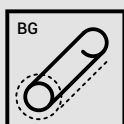
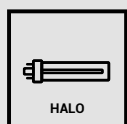


# 1.14

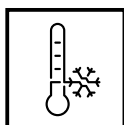
## FROZEN



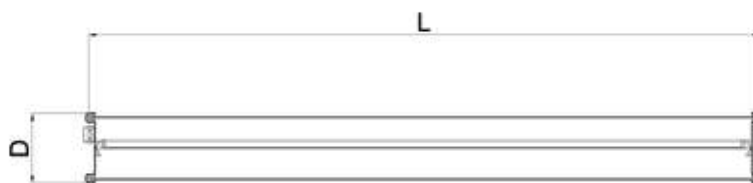
Brida  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



-50°C



IT - DE

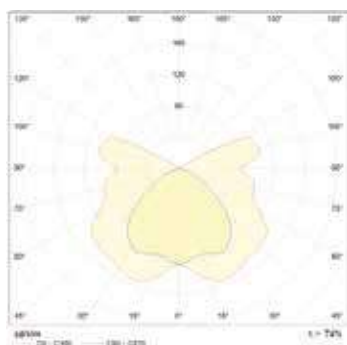


IP68-2

IK07

CE

EN 60598-1



Ref.	Potencia Watts <i>Puissance</i>	L	D	D + brida D + clamp <i>D + fixations</i>	Embalaje Packaging <i>Emballage</i>
	(W)	(mm)	(mm)	(mm)	
Q0953	1x40	275	105	140	1
Q0954	2x40	275	105	140	1



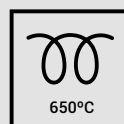
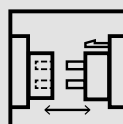
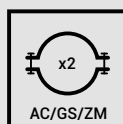
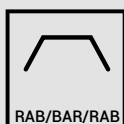
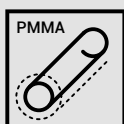
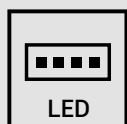
-50°C

# 1.15

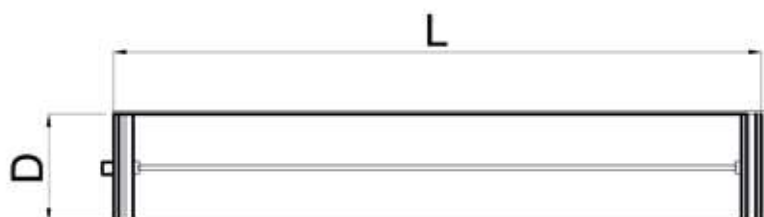
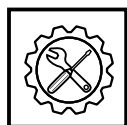
## SILVER



Brida  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG 0/1

MACADAM

3/4

UGR  
<19

CR&gt;80

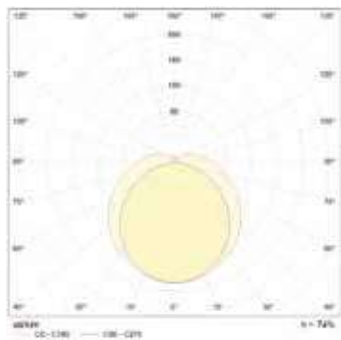
L70B50  
>  
50.000

IK10

IP68-2

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	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
SI113	600	13	1490	1155	3000	763	100	133	1
SI114	600	13	1550	1201	4000	763	100	133	1
SI123	600	16	2560	1984	3000	763	100	133	1
SI124	600	16	2670	2070	4000	763	100	133	1
SI213	1200	24	2980	2310	3000	1375	100	133	1
SI214	1200	24	3200	2480	4000	1375	100	133	1
SI223	1200	32	5120	3969	3000	1375	100	133	1
SI224	1200	32	5340	4139	4000	1375	100	133	1
SI313	1500	29	3720	2883	3000	1660	100	133	1
SI314	1500	29	4000	3100	4000	1660	100	133	1
SI323	1500	40	6310	4891	3000	1660	100	133	1
SI324	1500	40	6700	5193	4000	1660	100	133	1

## ACCESORIOS SILVER / SILVER ACCESSORIES / ACCESSOIRES SILVER



Ref.

Q0401

**Bridas de acero inoxidable**  
Stainless steel clamps  
Colliers inox antivandalisme



Q0402

**Bridas de acero inoxidable de  
apertura rápida**  
Quick opening stainless steel clamps  
Colliers inox de ouverture rapide  
à grenouillère



Q0158

**Brida de metacrilato (1 unidad)**  
Antivandalic acrylic (1 unit)  
Colliers en méthacrylate (1 unité)



Ref.

Q0349

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



Q0147

**Pieza anticavitación**  
Anticavitation piece  
Kit anti-cavitation

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0574

5 polos / 5 poles / 5 pôles

Ref. Q0575

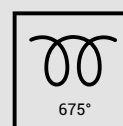
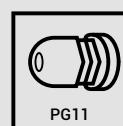
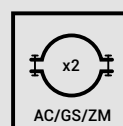
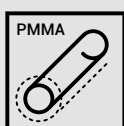
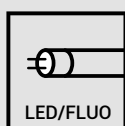
1-10  
DALIEMERGENCY  
1h / 3h

# 1.16

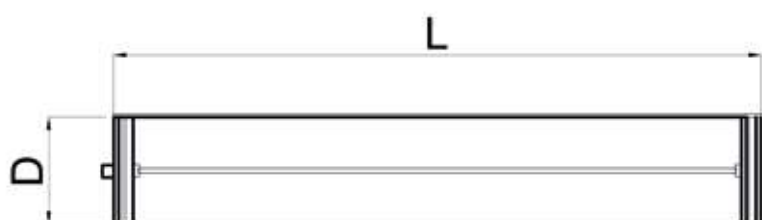
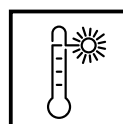
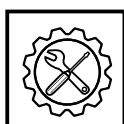
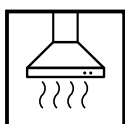
## TR2



Brida  
Clamp  
Collier



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IK10

IP68-2

CE

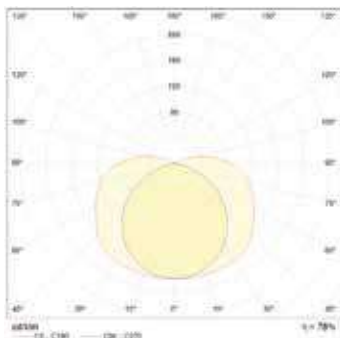
EN 60598-1

## TUBO FLUORESCENTE / LAMP / LAMPE

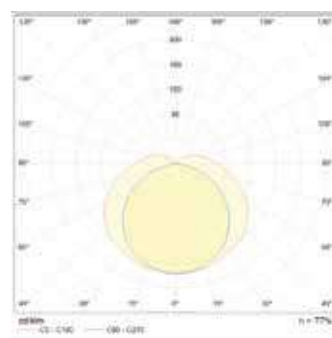
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)	■	(mm)	(mm)	(mm)	
Q0435	1 x 18	■	709	100	133	1
Q0436	1 x 36	■	1.319	100	133	1
Q0437	1 x 58	■	1.624	100	133	1
Q0438	2 x 18	■	709	100	133	1
Q0439	2 x 36	■	1.319	100	133	1
Q0440	2 x 58	■	1.624	100	133	1

■ Electrónica / Electronic / Électronique



1X



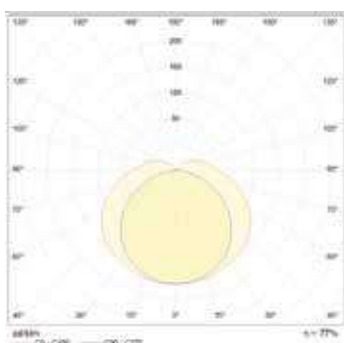
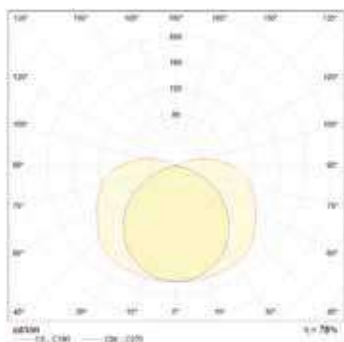
2x

# 1.16

## TR2

### TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0451	1 x 14	■	671	100	133	1
Q0487	1 x 24	■	671	100	133	1
Q0452	1 x 21	■	966	100	133	1
Q0455	1 x 39	■	966	100	133	1
Q0453	1 x 28	■	1.272	100	133	1
Q0456	1 x 54	■	1.272	100	133	1
Q0454	1 x 35	■	1.574	100	133	1
Q0488	1 x 49	■	1.574	100	133	1
Q0489	1 x 80	■	1.574	100	133	1
Q0457	2 x 14	■	671	100	133	1
Q0490	2 x 24	■	671	100	133	1
Q0458	2 x 21	■	966	100	133	1
Q0461	2 x 39	■	966	100	133	1
Q0459	2 x 28	■	1.272	100	133	1
Q0462	2 x 54	■	1.272	100	133	1
Q0460	2 x 35	■	1.574	100	133	1
Q0491	2 x 49	■	1.574	100	133	1

■ Electrónica / Electronic / Électronique

### TUBO LED / LED TUBE / TUBE LED

T8

Ref.	Longitud Tubo Tube Length Longueur Tube	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(mm)	(mm)	(mm)	
Q0435L	1 x 600	675	100	133	1
Q0436L	1 x 1.200	1.285	100	133	1
Q0437L	1 x 1.500	1.589	100	133	1
Q0438L	2 x 600	675	100	133	1
Q0439L	2 x 1.200	1.285	100	133	1
Q0440L	2 x 1.500	1.589	100	133	1



IK10

IP68-2

CE

EN 60598-1



**ALTAS TEMPERATURAS**  
 HIGH TEMPERATURES  
 HAUTES TEMPÉRATURES



T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0471	1 x 18	⚠	709	100	133	1
Q0472	1 x 36	⚠	1.319	100	133	1
Q0473	1 x 58	⚠	1.624	100	133	1
Q0474	2 x 18	⚠	709	100	133	1
Q0475	2 X 36	⚠	1.319+ 671	100	133	1
Q0476	2 X 58	⚠	1.624+ 671	100	133	1



- \_\_\_\_\_
- 1 x 18
- \_\_\_\_\_
- 1 x 36
- \_\_\_\_\_
- 1 x 58
- \_\_\_\_\_
- 2 x 18



- \_\_\_\_\_
- 2 X 36
- \_\_\_\_\_
- 2 X 58

Manguera de unión: 50 cm  
 Union hose: 50 cm  
 Câble d'union: 50 cm

# 1.16

## TR2

### ACCESORIOS TR2 / TR2 ACCESORIES / ACCESSOIRES TR2

#### TR2 OPAL



Ref.

Potencia  
Watts  
Puissance

(W)

18

36

58

14-24

21-39

28-54

35-49-80

Ref luminaria + "O". Ej.: Q06010  
Light fitting ref + "O". Ex.: Q06010  
Ref luminaire + "O". Ex.: Q06010



Ref.

Q0401

Bridas de acero inoxidable  
Stainless steel clamps  
Colliers inox antivandalisme



Q0402

Bridas de acero inoxidable de  
apertura rápida  
Quick opening stainless steel clamps  
Colliers inox de ouverture rapide  
à grenouillère



Q0158

Brida de metacrilato  
Antivandalic acrylic  
Colliers en méthacrylate



Ref.

Q0349

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



Q0160

Válvula anticondensación y  
de equilibrado de presión  
Anticondensation valve  
and pressure balancing  
Valve anti-condensation et  
équilibrage de pression



Q0147

Pieza anticavitación  
Anticavitation piece  
Kit anti-cavitation

#### LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0404

5 polos / 5 poles / 5 pôles

Ref. Q0406

1-10  
DALI

EMERGENCY  
1h / 3h

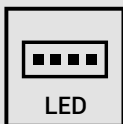


# 1.17

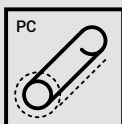
## ORION



**Brida**  
Clamp  
Collier



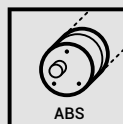
LED



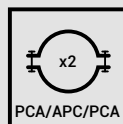
PC



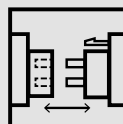
RAB/BAR/RAB



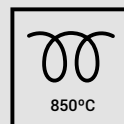
ABS



PCA/APC/PCA

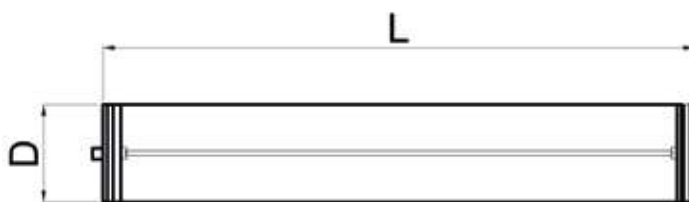
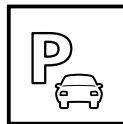
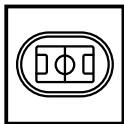
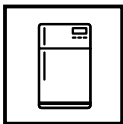


x2



850°C

**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM

3/4

UGR  
<19

CR>80

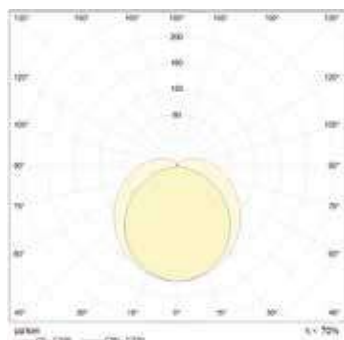
L70B50  
>  
50.000

IP67

IK09

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	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
OR113	600	13	1490	1040	3000	770	81	113	1
OR114	600	13	1550	1082	4000	770	81	113	1
OR123	600	16	2560	1787	3000	770	81	113	1
OR124	600	16	2670	1864	4000	770	81	113	1
OR213	1200	24	2980	2080	3000	1380	81	113	1
OR214	1200	24	3200	2234	4000	1380	81	113	1
OR223	1200	32	5120	3574	3000	1380	81	113	1
OR224	1200	32	5340	3727	4000	1380	81	113	1
OR313	1500	29	3720	2597	3000	1633	81	113	1
OR314	1500	29	4000	2792	4000	1633	81	113	1
OR323	1500	40	6310	4404	3000	1633	81	113	1
OR324	1500	40	6700	4677	4000	1633	81	113	1

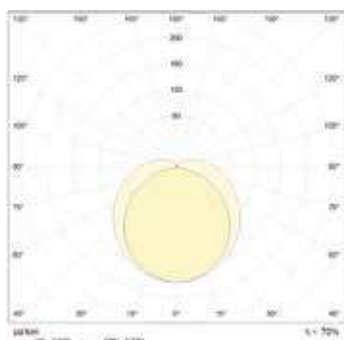
# 1.17

## ORION

### BAJAS TEMPERATURAS LOW TEMPERATURES BASSES TEMPÉRATURES



Brida  
Clamp  
Collier



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	Largo Length Longueur	Ancho Wide Large	Ancho con brida Width with clamp Largeur avec fixations	Embalaje Packaging Emballage
	(mm)	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	
OC123	600	32	4300	3000	3000	770	81	113	1
OC124	600	32	4600	3200	4000	770	81	113	1
OC223	1200	64	8600	6000	3000	1380	81	113	1
OC224	1200	64	9000	6300	4000	1380	81	113	1
OC323	1500	80	10750	7500	3000	1633	81	113	1
OC324	1500	80	11400	8000	4000	1633	81	113	1

### ACCESORIOS ORION / ORION ACCESORIES / ACCESSOIRES ORION



Ref. Q0349

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



Q0347

Bridas de acero inoxidable  
Stainless steel clamps  
Colliers inox antivandalisme



Q0348

Bridas de acero inoxidable de apertura  
rápida  
Quick opening stainless steel clamps  
Colliers inox de ouverture rapide à grenouillère



Ref. Q0339

Tapas metálicas y racor metálico  
Metallic end caps and cable glands  
Embouts et presse-étoupes métalliques



Q0147

Pieza anticavitación  
Anticavitation piece  
Kit anti-cavitation

LÍNEA CONTINUA  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0578

5 polos / 5 poles / 5 pôles

Ref. Q0579

1-10  
DALI

EMERGENCY  
1h / 3h

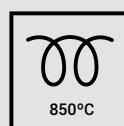
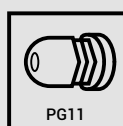
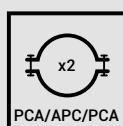
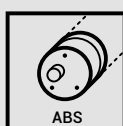
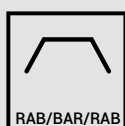
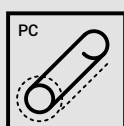
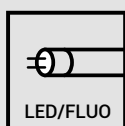


# 1.18

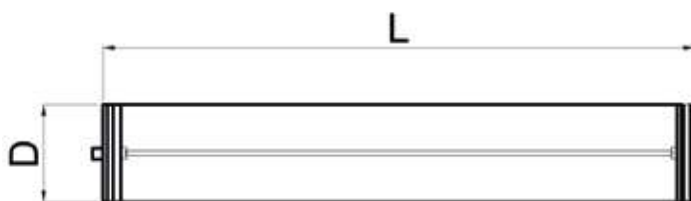
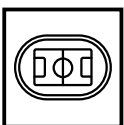
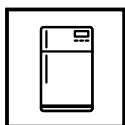
## TR3



**Brida**  
Clamp  
Collier



### APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP67

IK07

CE

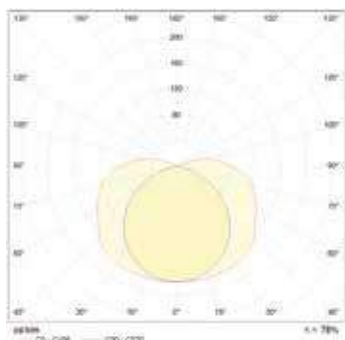


**TUBO FLUORESCENTE / LAMP / LAMPE**

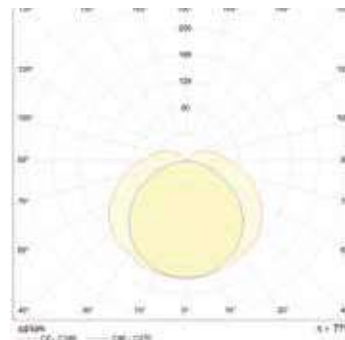
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)	■	(mm)	(mm)	(mm)	
Q0035	1 x 18	■	713	81	113	1
Q0036	1 x 36	■	1.323	81	113	1
Q0037	1 x 58	■	1.628	81	113	1
Q0038	2 x 18	■	713	81	113	1
Q0039	2 x 36	■	1.323	81	113	1
Q0040	2 x 58	■	1.628	81	113	1

■ **Electrónica / Electronic / Électronique**



1x



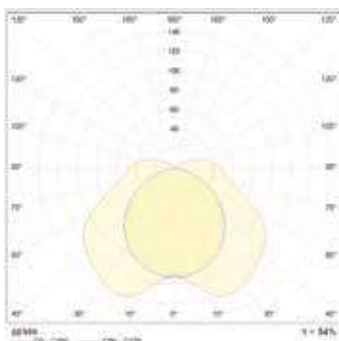
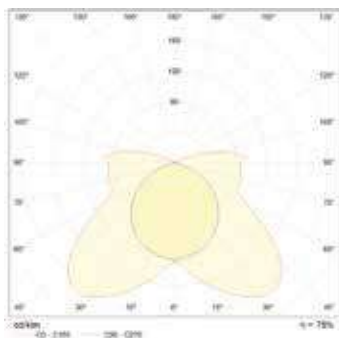
2x

# 1.18

## TR3

### TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0051	1 x 14	■	675	81	113	1
Q0089	1 x 24	■	675	81	113	1
Q0052	1 x 21	■	970	81	113	1
Q0055	1 x 39	■	970	81	113	1
Q0053	1 x 28	■	1.276	81	113	1
Q0056	1 x 54	■	1.276	81	113	1
Q0054	1 x 35	■	1.578	81	113	1
Q0086	1 x 49	■	1.578	81	113	1
Q0081	1 x 80	■	1.578	81	113	1
Q0057	2 x 14	■	675	81	113	1
Q0092	2 x 24	■	675	81	113	1
Q0058	2 x 21	■	970	81	113	1
Q0061	2 x 39	■	970	81	113	1
Q0059	2 x 28	■	1.276	81	113	1
Q0062	2 x 54	■	1.276	81	113	1
Q0060	2 x 35	■	1.578	81	113	1
Q0085	2 x 49	■	1.578	81	113	1

■ Electrónica / Electronic / Électronique

### BAJAS TEMPERATURAS / LOW TEMPERATURES / BASSES TEMPÉRATURES



-40°C

T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
Q0345	1 x 18	⚠	713	81	113	1
Q0344	1 x 36	⚠	1.323	81	113	1
Q0343	1 x 58	⚠	1.628	81	113	1
Q0342	2 x 18	⚠	713	81	113	1
Q0341	2 x 36	⚠	1.323	81	113	1
Q0340	2 x 58	⚠	1.628	81	113	1

IP67

IK07

CE

## TR3 LED



**Brida**  
Clamp  
Collier



## TUBO LED / LED TUBE / TUBE LED

T8

Ref.	Longitud Tubo Tube Length Longueur Tube	L	D	D + brida D + clamp D + fixations	Embalaje Packaging Emballage
	(mm)	(mm)	(mm)	(mm)	
Q0035L	1 x 600	713	81	113	1
Q0036L	1 x 1.200	1.323	81	113	1
Q0037L	1 x 1.500	1.628	81	113	1
Q0038L	2 x 600	713	81	113	1
Q0039L	2 x 1.200	1.323	81	113	1
Q0040L	2 x 1.500	1.628	81	113	1

## ACCESORIOS TR3 / TR3 ACCESORIES / ACCESSOIRES TR3

### TR3 OPAL



Ref.

**Potencia**  
Watts  
Puissance

(W)

18

36

58

14-24

21-39

28-54

35-49-80

**Ref luminaria + "O". Ej.: Q06010**  
Light fitting ref + "O". Ex.: Q06010  
Ref luminaire + "O". Ex.: Q06010

# 1.18

## TR3

### ACCESORIOS TR3 / TR3 ACCESORIES / ACCESSOIRES TR3



Ref. **Q0338**

**Bridas de acero cincado**  
Zinc-plated steel clamps  
*Colliers en acier galvanisé*



Ref. **Q0347**

**Bridas de acero inoxidable**  
Stainless steel clamps  
*Colliers inox antivandalisme*



Ref. **Q0348**

**Bridas de acero inoxidable de apertura rápida**  
Quick opening stainless steel clamps  
*Colliers inox de ouverture rapide à grenouillère*



Ref. **Q0349**

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



Ref. **Q0351**

**Conexión rápida**  
Quick connection  
*Connecteurs étanches de connection rapide*



Ref. **Q0339**

**Tapas metálicas y racor metálico**  
Metallic end caps and cable glands  
*Embouts et presse-étoupes métalliques*



Ref. **Q0155**

**Brida de policarbonato antivandálica**  
Antivandalic polycarbonate clamps  
*Colliers antivandalism en polycarbonate*



Ref. **Q0334**

**Brida de A.B.S. (2)**  
A.B.S. clamp (2 units)  
*Colliers en A.B.S. (2 uts.)*



Ref. **Q0161**

**Válvula anticondensación y de equilibrado de presión**  
Anticondensation valve and pressure balancing  
*Valve anti-condensation et équilibrage de pression*

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
*CÂBLAGE TRAVERSANT*

**3 polos / 3 poles / 3 pôles**

Ref. **Q0350**

**5 polos / 5 poles / 5 pôles**

Ref. **Q0361**

1-10  
DALI

**EMERGENCY**  
1h / 3h

# REFLECTORES ESPECIALES

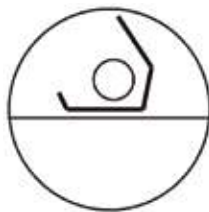
## SPECIAL REFLECTORS / RÉFLECTEURS SPÉCIAUX

### REFLECTOR INTENSIVO / INTENSIVE REFLECTOR / RÉFLECTEURS INTENSIF



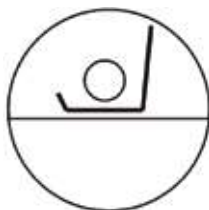
Ref.	Potencia Watts Puissance
	(W)
Q0276	1 x 14 / 24
Q0277	1 x 21 / 39
Q0278	1 x 28 / 54
Q0279	1 x 35 / 49 / 80

### REFLECTOR ASIMÉTRICO CERRADO / ASYMMETRICAL REFLECTOR CLOSED / RÉFLECTEURS ASYMÉTRIQUE FERMÉ



Ref.	Potencia Watts Puissance
	(W)
Q0280	1 x 14 / 24
Q0281	1 x 21 / 39
Q0282	1 x 28 / 54
Q0283	1 x 35 / 49 / 80

### REFLECTOR ASIMÉTRICO ABIERTO / ASSYMMETRICAL OPEN REFLECTOR / RÉFLECTEURS ASYMÉTRIQUE OUVERT



Ref.	Potencia Watts Puissance
	(W)
Q0284	1 x 14 / 24
Q0285	1 x 21 / 39
Q0286	1 x 28 / 54
Q0287	1 x 35 / 49 / 80

Válidos para los modelos Rinox, Resist, TR2 y TR3.



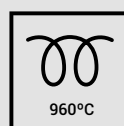
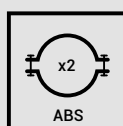
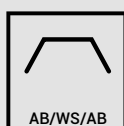
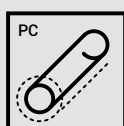
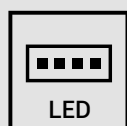
**TR4 OPAL LED**

Cueva de las Gúisas, Villanua, España  
Witches Cave, Villanua, Spain  
*Grotte des Sorcières, Villanua, Espagne*

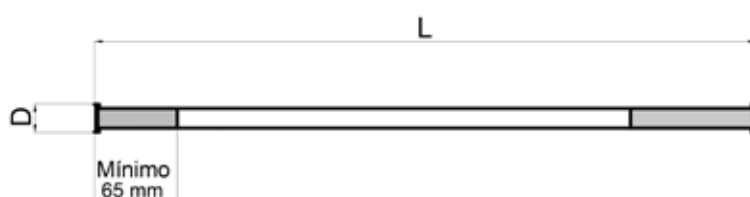
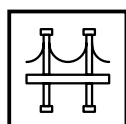


# 1.19

## EXCALIBUR



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

RG 0/1

MACADAM  
3/4

UGR  
<19

CR>80

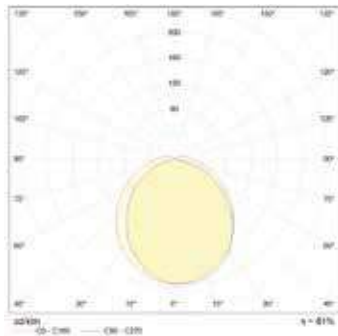
L70B50  
>  
50.000

IP67

IK07

CE

EN 60598-1



Ref.	Potencia Watts Puissance	Emisión Light emission Intensité lum.	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	L	D	Embalaje Packaging Carton
	(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	
ER113	13	1490	906	3000	1080	41	1
ER114	13	1550	942	4000	1080	41	1
ER123	16	2560	1556	3000	1080	41	1
ER124	16	2670	1623	4000	1080	41	1
ER213	24	2980	1812	3000	1620	41	1
ER214	24	3200	1946	4000	1620	41	1
ER223	32	5120	3113	3000	1620	41	1
ER224	32	5340	3247	4000	1620	41	1
ER313	29	3720	2262	3000	1910	41	1
ER314	29	4000	2432	4000	1910	41	1
ER323	40	6310	3836	3000	1910	41	1
ER324	40	6700	4074	4000	1910	41	1

## ACCESORIOS EXCALIBUR / EXCALIBUR ACCESORIES / ACCESSOIRES EXCALIBUR



Ref.

R0057

**Bridas de acero inoxidable**  
Stainless steel clamps  
Colliers inox antivandalisme



R0063

**Tapas metálicas y racor metálico**  
Metallic end caps and nickel-plated gland  
Embouts métalliques et presseétope



Q0349

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

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0882

5 polos / 5 poles / 5 pôles

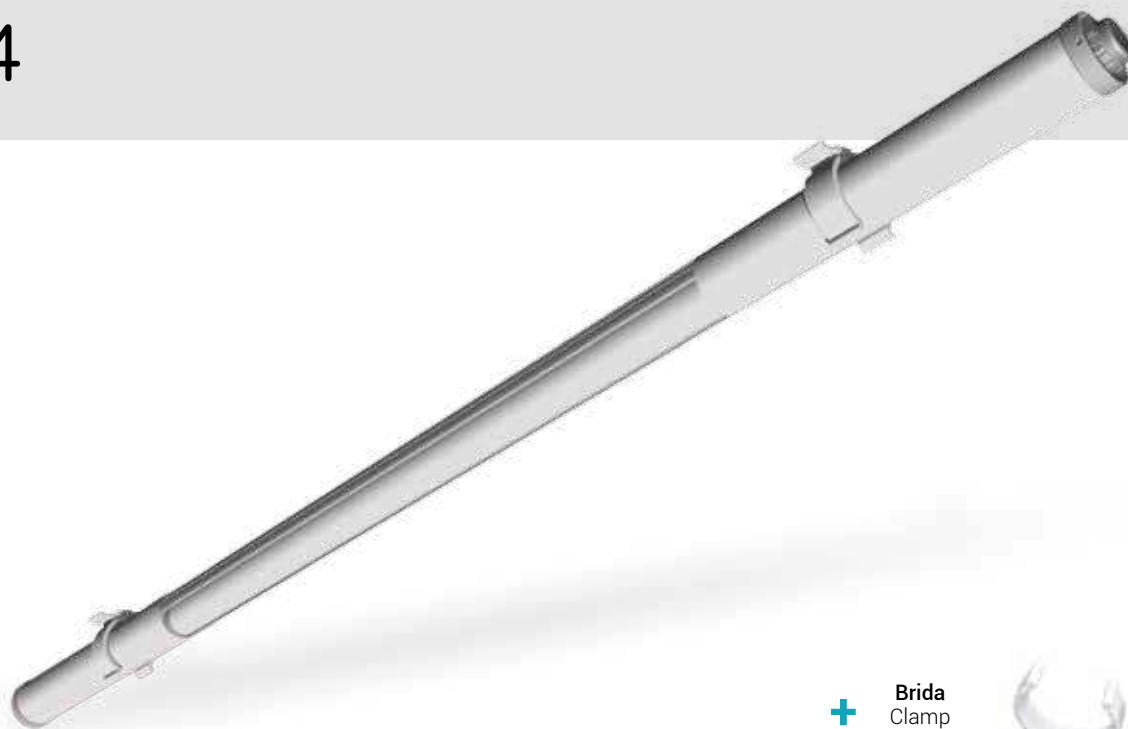
Ref. Q0580

1-10  
DALI

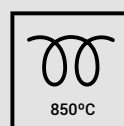
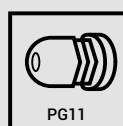
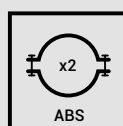
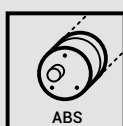
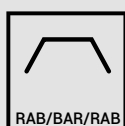
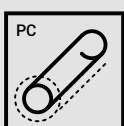
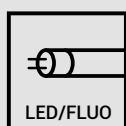
EMERGENCY  
1h / 3h

# 1.20

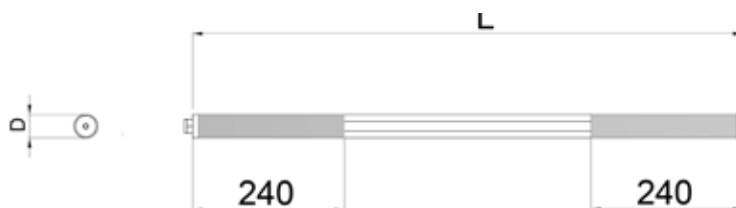
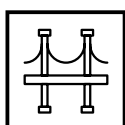
## TR4



Brida  
Clamp  
Collier



### APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP67

IK07

CE

EN 60598-1

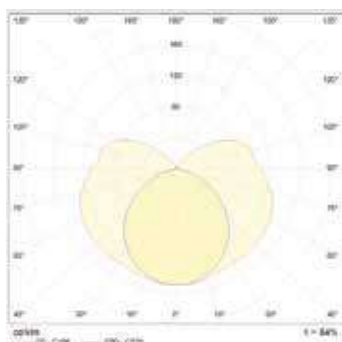


## TUBO FLUORESCENTE / LAMP / LAMPE

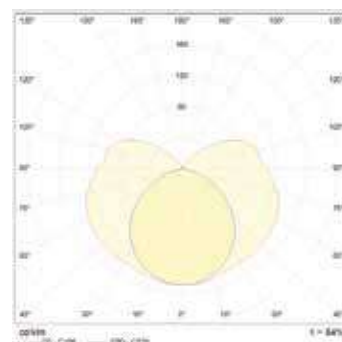
T5

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
R0051	1 x 14	■	1.038	41	1
R0031	1 x 24	■	1.038	41	1
R0015	1 x 18	■	1.080	41	1
R0052	1 x 21	■	1.335	41	1
R0055	1 x 39	■	1.510	41	1
R0053	1 x 28	■	1.800	41	1
R0056	1 x 54	■	1.800	41	1
R0016	1 x 36	■	1.940	41	1
R0054	1 x 35	■	2.100	41	1
R0032	1 x 49	■	2.100	41	1
R0017	1 x 58	■	2.240	41	1
R0033	1 x 80	■	2.330	41	1

### ■ Electrónica / Electronic / Électronique



1x



2x

# 1.20

## TR4 ALUMINIUM

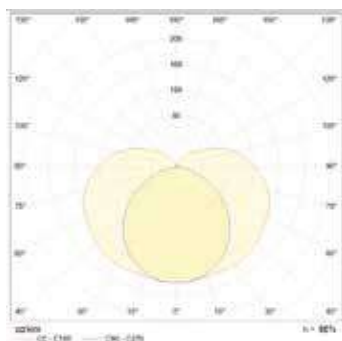


+ **Brida**  
Clamp  
Collier



### TUBO FLUORESCENTE / LAMP / LAMPE

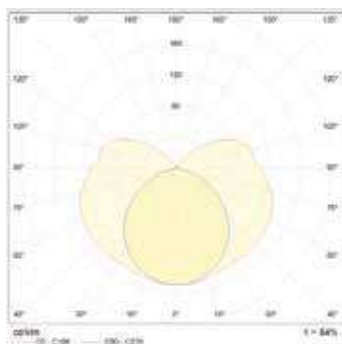
T8



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
R0115	1 x 18	■	1.080	41	1
R0116	1 x 36	■	1.940	41	1
R0117	1 x 58	■	2.240	41	1

### TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
R0151	1 x 14	■	1.038	41	1
R0161	1 x 24	■	1.038	41	1
R0152	1 x 21	■	1.335	41	1
R0155	1 x 39	■	1.510	41	1
R0153	1 x 28	■	1.800	41	1
R0156	1 x 54	■	1.800	41	1
R0154	1 x 35	■	2.100	41	1
R0163	1 x 49	■	2.100	41	1
R0164	1 x 80	■	2.330	41	1

■ Electrónica / Electronic / Électronique

IP67

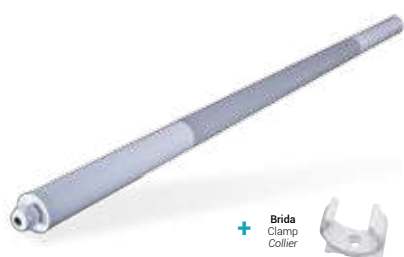
IK07

CE

EN 60598-1

## ACCESORIOS TR4 / TR4 ACCESORIES / ACCESSOIRES TR4

### TR4 OPAL



+  
Brida  
Clamp  
Collier

Ref.

Potencia  
Watts  
Puissance

(W)

18

36

58

14-24

21

35-49

39

80

**Ref luminaria + "O". Ej.: R00150**  
Light fitting ref + "O". Ex.:R00150  
Ref luminaire + "O". Ex.: R00150

# 1.20

## TR4

### TR4 LED



**BLANCO** / WHITE / *BLANC*



**OPAL** / MATTE / *OPALE*

T8

Ref.	Longitud Tubo Tube Length <i>Longueur Tube</i>	L	D	Embalaje Packaging <i>Emballage</i>
	(mm)	(mm)	(mm)	
R0015L	1 x 600	780	41	1
R0016L	1 x 1.200	1.380	41	1
R0017L	1 x 1.500	1.680	41	1

### ALUMINIO / ALUMINIUM / ALUMINIUM

T8

Ref.	Longitud Tubo Tube Length <i>Longueur Tube</i>	L	D	Embalaje Packaging <i>Emballage</i>
	(mm)	(mm)	(mm)	
R0115L	1 x 600	780	41	1
R0116L	1 x 1.200	1.380	41	1
R0117L	1 x 1.500	1.680	41	1

### TR4 Opal

Ref.	Longitud Tubo Tube Length <i>Longueur Tube</i>
	(mm)
Ref luminaria + "O". Ej.: R0115LO	600
Light fitting ref + "O". Ex.: R0115LO	900
Ref luminaire + "O". Ex.: R0115LO	1200
	1500

IP67

IK07

CE

EN 60598-1

## ACCESORIOS TR4 / TR4 ACCESORIES / ACCESSOIRES TR4



Ref.

R0057

**Bridas de acero inoxidable**  
Stainless steel clamps  
*Colliers inox antivandalisme*



R0063

**Tapas metálicas y racor metálico**  
Metallic end caps and cable glands  
*Embouts et presse-étoupes métalliques*



Q0349

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

### LÍNEA CONTINUA

CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. R0058

5 polos / 5 poles / 5 pôles

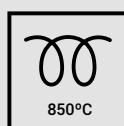
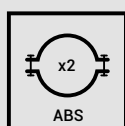
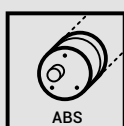
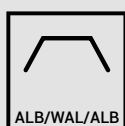
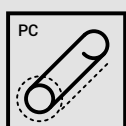
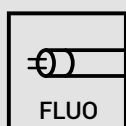
Ref. R0064

1-10
DALI

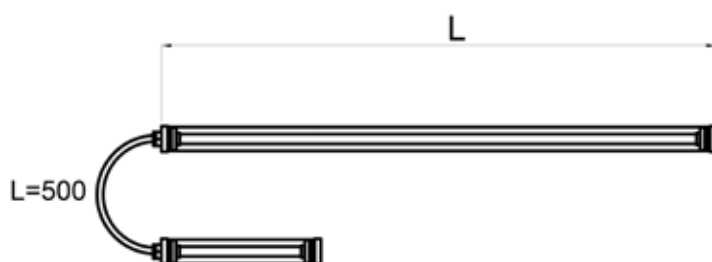
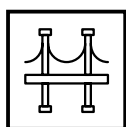
**EMERGENCY**  
1h / 3h

# 1.21

## COMPACT



### APLICACIONES INDICADAS / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE

IP67

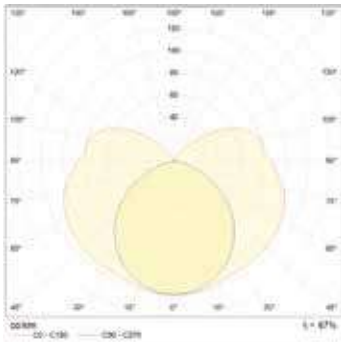
IK10

CE

EN 60598-1

## TUBO FLUORESCENTE / LAMP / LAMPE

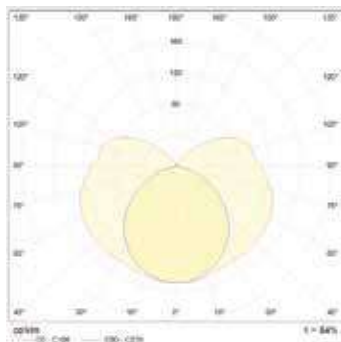
T8



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
R0201	1 x 18	■	745 + 245	44	1
R0202	1 x 36	■	1.355 + 440	44	1
R0203	1 x 58	■	1.655 + 440	44	1

## TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
R0207	1 x 14	■	692 + 245	44	1
R0211	1 x 24	■	692 + 245	44	1
R0208	1 x 21	■	992 + 245	44	1
R0212	1 x 39	■	992 + 245	44	1
R0209	1 x 28	■	1.292 + 440	44	1
R0214	1 x 54	■	1.292 + 440	44	1
R0210	1 x 35	■	1.592 + 440	44	1
R0213	1 x 49	■	1.592 + 440	44	1
R0215	1 x 80	■	1.592 + 440	44	1

■ Electrónica / Electronic / Électronique

## ACCESORIOS COMPACT / COMPACT ACCESSORIES / ACCESSOIRES COMPACT



Ref.

R0057

**Bridas de acero inoxidable**  
Stainless steel clamps  
Colliers inox antivandalisme



R0063

**Tapas metálicas y racor metálico**  
Metallic end caps and cable glands  
Embouts et presse-étoupes métalliques

# 1.22

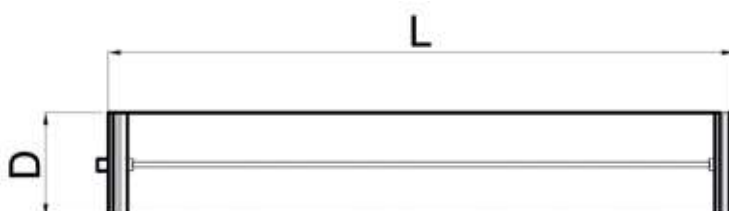
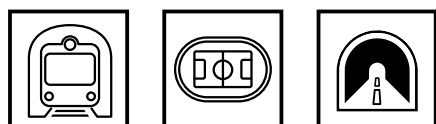
## EMELUX LED




Ref. Q0310

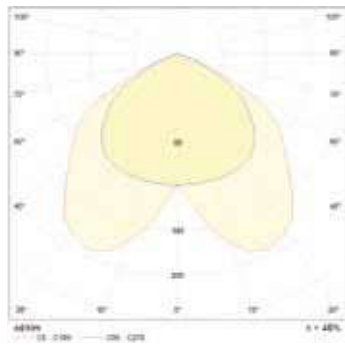


**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES











RG1	MACADAM 3/4	UGR <19	 CR>80	L70B50 > 50.000	IK07	IP67	60598-2-22 CE EN 60598-1
-----	----------------	------------	--	-----------------------	------	------	--------------------------------



Ref.	Emission Light emission Intensité lum	Modo Mode Mode	Autonomía Autonomy Autonomie	Tª color Tª colour Tª couleur	L	D	Embalaje
	(lm)	(W)	(h)				
Q0303	100	●	3	6000	415	81	1
Q0304	100	●	3	6000	415	81	1
Q0305	200	●	1,5	6000	415	81	1
Q0306	200	●	1,5	6000	415	81	1
Q0307	300	●	1	6000	415	81	1
Q0308	300	●	1	6000	415	81	1

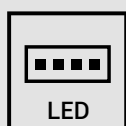
● Permanente / maintained / permanent    ● No permanente / non-maintained / non permanent

## ACCESORIOS EMELUX / EMELUX ACCESORIES / ACCESSOIRES EMELUX

 <b>Q0334</b> <b>Brida de A.B.S. (2 unidades)</b> A.B.S. clamp (2 units) Colliers en A.B.S. (2 uts.)	 <b>Q0338</b> <b>Bridas de acero cincado</b> Zinc-plated steel clamps Colliers en acier galvanisé	 <b>Q0348</b> <b>Bridas de acero inoxidable de apertura rápida</b> Quick opening stainless steel clamps Colliers inox de ouverture rapide à grenouillère
 <b>Q0347</b> <b>Bridas de acero inoxidable</b> Stainless steel clamps Colliers inox antivandalisme	 <b>Q0349</b> <b>Suspensión con cable de acero</b> Steel cable suspension Suspension avec câble en acier	 <b>Q0339</b> <b>Tapas metálicas y racor metálico</b> Metallic end caps and cable glands Embouts et presse-étoupes métalliques

# 1.23

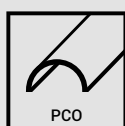
## PISTON



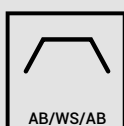
LED



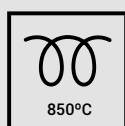
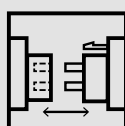
ABS



PCO

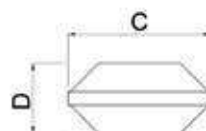
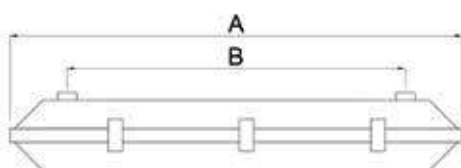


AB/WS/AB



850°C

**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



RG 0/1

MACADAM  
3/4

UGR  
<19

CR>80

L70B50  
>  
50.000

IP65

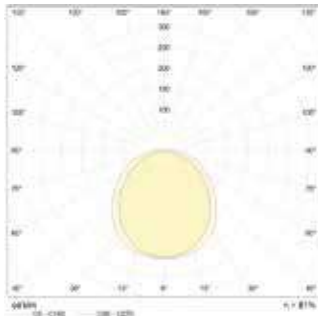
IK07

CE

EN 60598-1



2 MÓDULOS LED / 2 LED MODULES / 2 MODULES LED



Ref.	Tamaño Size Dimension (mm)	Potencia Watts Puissance (W)	Emisión Light emission Intensité lum. (Lm)	Emisión neta Net output Flux sortant (Lm)	Tª color Tª couleur (°K)	A (mm)	B (mm)	C (mm)	D (mm)	Cierre Fasteners Fermetures (mm)	Embalaje Packaging Emballage
PI113	600	24	2980	2420	3000	664	260	160	110	6	1
PI114	600	24	3200	2598	4000	664	260	160	110	6	1
PI123	600	32	5120	4157	3000	664	260	160	110	6	1
PI124	600	32	5340	4336	4000	664	260	160	110	6	1
PI213	1200	48	5960	4840	3000	1274	870	160	110	8	1
PI214	1200	48	6400	5197	4000	1274	870	160	110	8	1
PI223	1200	64	10240	8315	3000	1274	870	160	110	8	1
PI224	1200	64	10680	8672	4000	1274	870	160	110	8	1
PI313	1500	58	7440	6041	3000	1575	650	160	110	12	1
PI314	1500	58	8000	6496	4000	1575	650	160	110	12	1
PI323	1500	80	12620	10247	3000	1575	650	160	110	12	1
PI324	1500	80	13400	10881	4000	1575	650	160	110	12	1

ACCESORIOS PISTON / PISTON ACCESSORIES / ACCESSOIRES PISTON



Ref.

S2150

Grapa de acero inoxidable  
Stainless steel clip  
Clip acier inox



S2151

Sujeción a carril  
Rail fastening  
Platine de fixation sur rail

LÍNEA CONTINUA  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

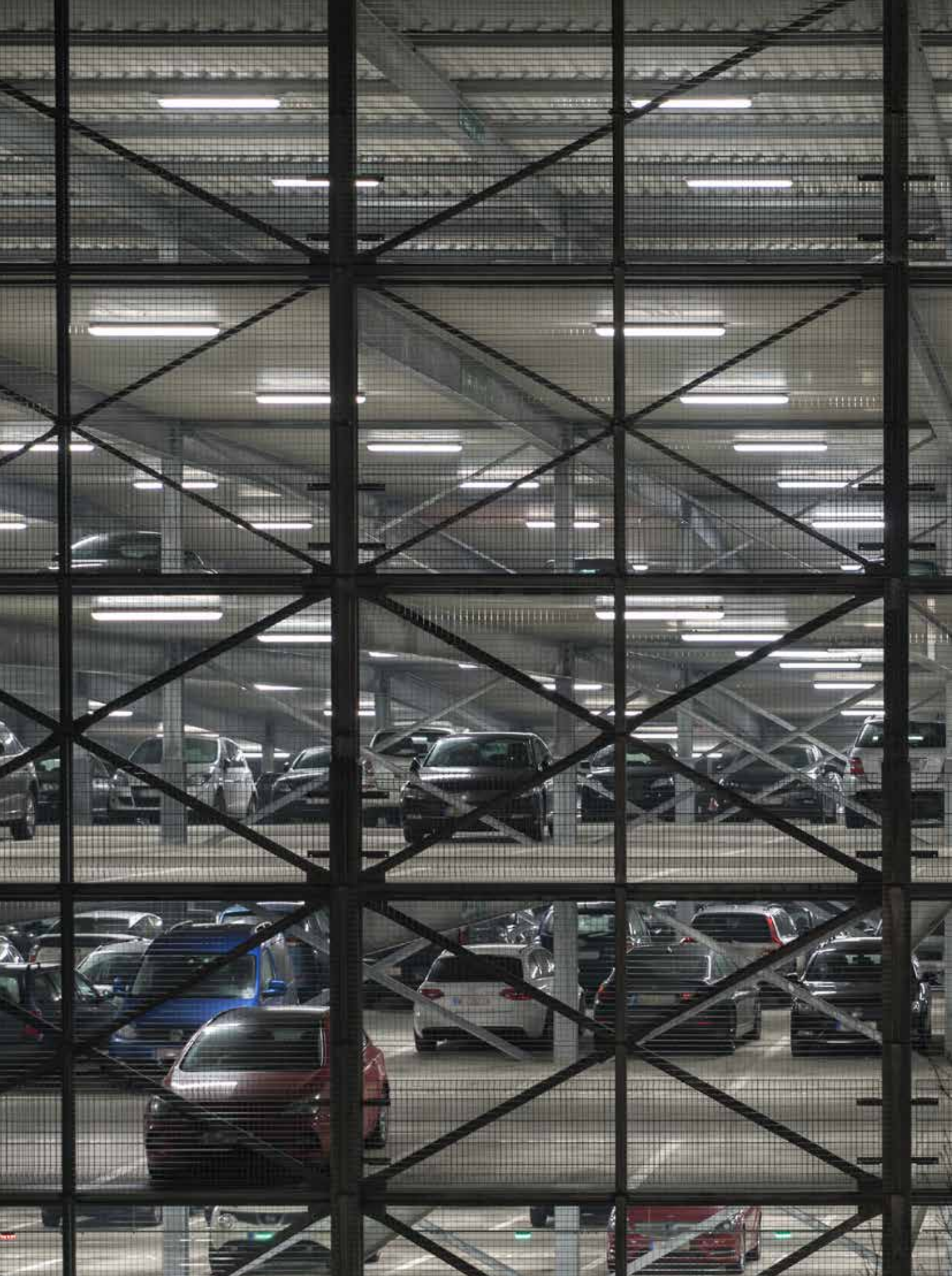
Ref. Q0883

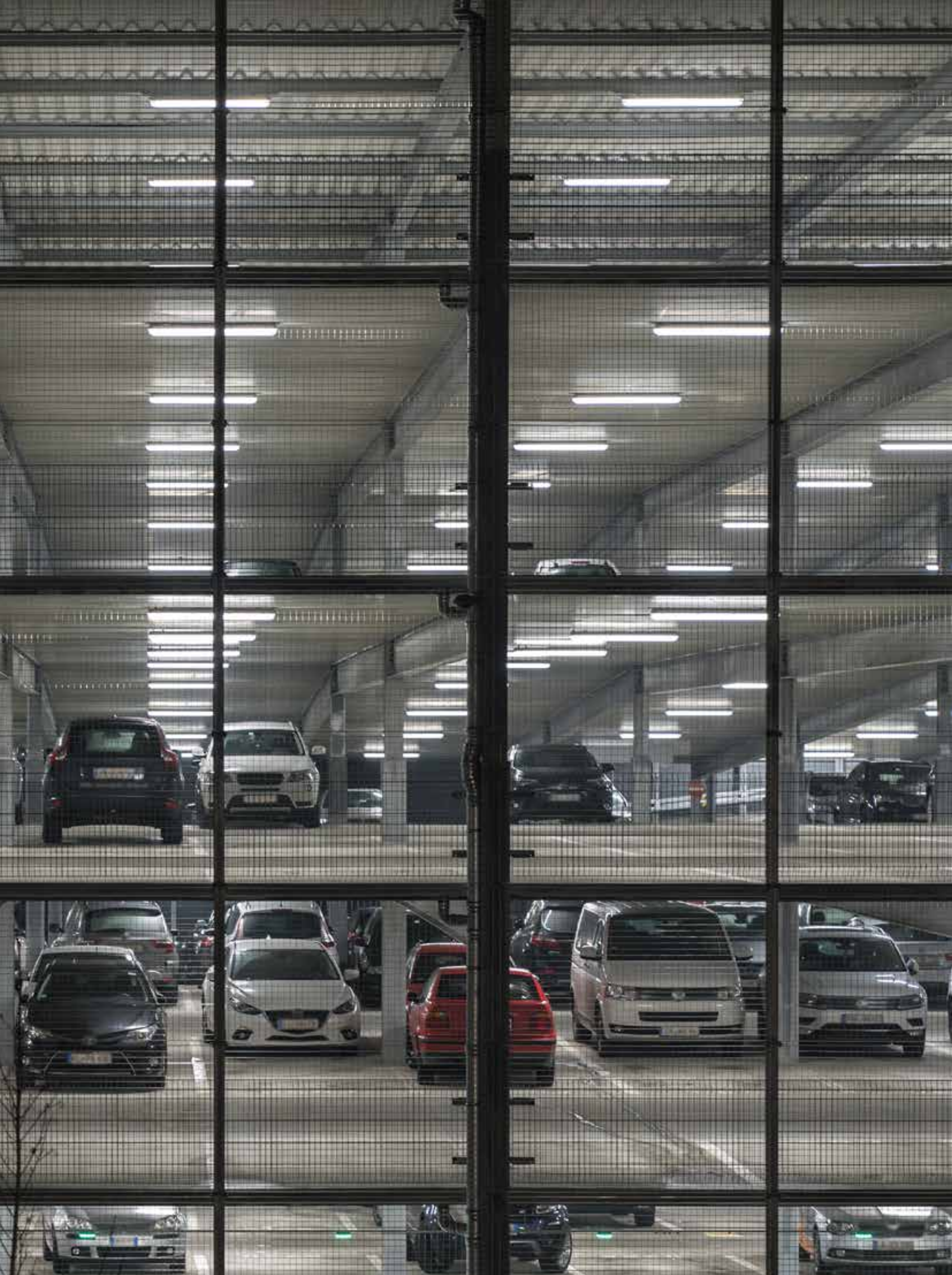
5 polos / 5 poles / 5 pôles

Ref. Q0887

1-10  
DALI

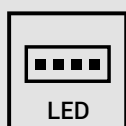
EMERGENCY  
1h / 3h





# 1.24

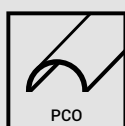
## PISTON ECO



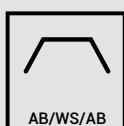
LED



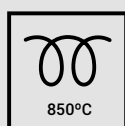
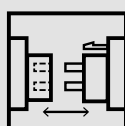
ABS



PCO

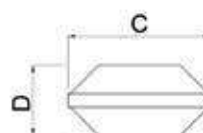
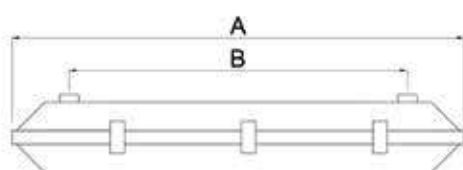
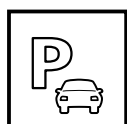


AB/WS/AB



850°C

**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



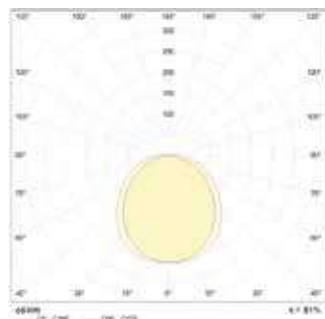
IT - DE



RG 0/1	MACADAM 3/4	UGR <19	CR>80	L70B50 > 50.000	IP65	IK07	CE EN 60598-1
--------	----------------	------------	-------	-----------------------	------	------	------------------



## 1 MÓDULO LED / 1 LED MODULES / 1 MODULES LED



Ref.	Tamaño Size Dimension	Potencia Watts Puissance	Emisión Light emission Intensité lum.	Emisión neta Net output Flux sortant	Tª color Tª colour Tª couleur	A	B	C	D	Cierre Fasteners Fermetures	Embalaje Packaging Emballage
		(W)	(Lm)	(Lm)	(°K)	(mm)	(mm)	(mm)	(mm)		
PC113	600	13	1490	1210	3000	664	260	100	110	6	1
PC114	600	13	1550	1259	4000	664	260	100	110	6	1
PC123	600	16	2560	2079	3000	664	260	100	110	6	1
PC124	600	16	2670	2168	4000	664	260	100	110	6	1
PC213	1200	24	2980	2420	3000	1274	870	100	110	8	1
PC214	1200	24	3200	2598	4000	1274	870	100	110	8	1
PC223	1200	32	5120	4157	3000	1274	870	100	110	8	1
PC224	1200	32	5340	4336	4000	1274	870	100	110	8	1
PC313	1500	29	3720	3021	3000	1575	650	100	110	12	1
PC314	1500	29	4000	3248	4000	1575	650	100	110	12	1
PC323	1500	40	6310	5124	3000	1575	650	100	110	12	1
PC324	1500	40	6700	5440	4000	1575	650	100	110	12	1

## ACCESORIOS PISTON / PISTON ACCESSORIES / ACCESSOIRES PISTON



Ref.

S2150

**Grapa de acero inoxidable**  
Stainless steel clip  
Clip acier inox



S2151

**Sujeción a carril**  
Rail fastening  
Platine de fixation sur rail

**LÍNEA CONTINUA**  
CONTINUOUS LINE CONNECTION  
CÂBLAGE TRAVERSANT

3 polos / 3 poles / 3 pôles

Ref. Q0883

5 polos / 5 poles / 5 pôles

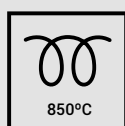
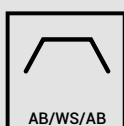
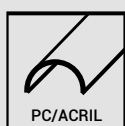
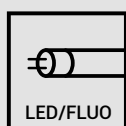
Ref. Q0887

1-10  
DALI

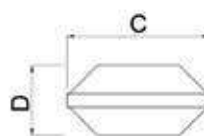
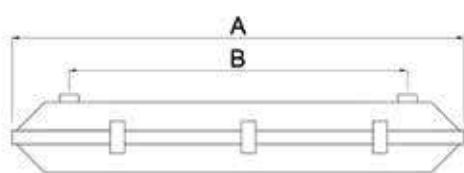
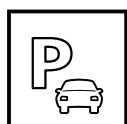
EMERGENCY  
1h / 3h

# 1.25

## SUPRA



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65



EN 60598-1

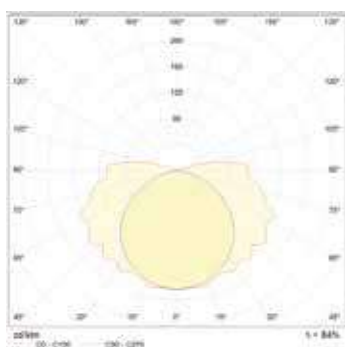


**TUBO FLUORESCENTE / LAMP / LAMPE**

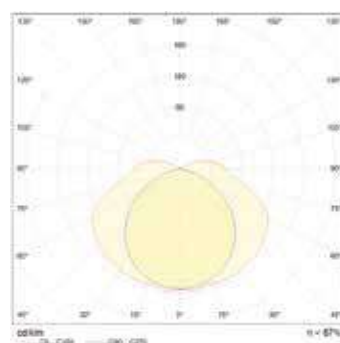
T8

Ref. Acrylic Acrylic	Ref. PC	Potencia Watts Puissance	Equipo Equipment Ballast	A	B	C	D	Cierres Fasteners Fermetures	Embalaje Packaging Emballage
		(W)		(mm)	(mm)	(mm)	(mm)		
S0107	S1107	1 x 18	■	664	260	100	110	6	1
S0108	S1108	1 x 36	■	1.274	870	100	110	8	1
S0109	S1109	1 x 58	■	1.575	650	100	110	12	1
S0119	S1119	2 x 18	■	664	260	160	110	6	1
S0120	S1120	2 x 36	■	1.274	650	160	110	8	1
S0121	S1121	2 x 58	■	1.575	650	160	110	12	1

■ Electrónica / Electronic / Électronique



1x



2x

# 1.25

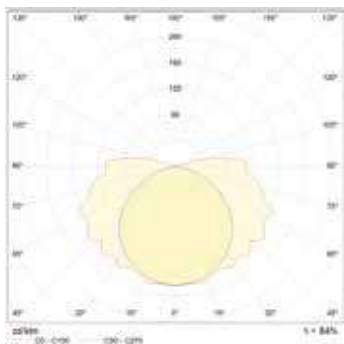
## SUPRA

### TUBO FLUORESCENTE / LAMP / LAMPE

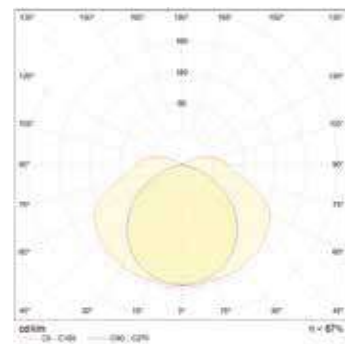
T5

Ref. Acrylic Acrylic Acrylique	Ref. PC	Potencia Watts Puissance (W)	Equipo Equipment Ballast	A (mm)	B (mm)	C (mm)	D (mm)	Cierres Fasteners Fermetures	Embalaje Packaging Emballage
S2001	S2101	1 x 14	■	664	260	100	110	6	1
S2004	S2104	1 x 24	■	664	260	100	110	6	1
S2002	S2102	1 x 28	■	1.274	870	100	110	8	1
S2003	S2103	1 x 35	■	1.575	650	100	110	12	1
S2005	S2105	1 x 49	■	1.575	650	100	110	12	1
S2006	S2106	1 x 54	■	1.274	870	100	110	8	1
S2007	S2107	1 x 80	■	1.575	650	100	110	12	1
S2008	S2108	2 x 14	■	664	260	100	110	6	1
S2011	S2111	2 x 24	■	664	260	100	110	6	1
S2009	S2109	2 x 28	■	1.274	870	100	110	8	1
S2010	S2110	2 x 35	■	1.575	650	100	110	12	1
S2012	S2112	2 x 49	■	1.575	650	160	110	12	1
S2013	S2113	2 x 54	■	1.274	870	160	110	8	1

■ Electrónica / Electronic / Électronique



1x



2x

IP65

CE

**REFLECTOR ALUMINIO BRILLANTE**  
GLOSSY ALUMINIUM REFLECTOR  
RÉFLECTEUR ALUMINIUM BRILLANT

Potencia Watts (W) Puissance	1 x 14/24	1 x 28/54	1 x 35/49/80	2 x 14/24	2 x 28/54	2 x 35/49
------------------------------------	-----------	-----------	--------------	-----------	-----------	-----------

**TUBO LED / LED TUBE / TUBE LED**

Ref. Acrylic Acrylique	Ref. PC	Longitud Tubo Tube Length Longueur Tube	A	B	C	D	Embalaje Packaging Emballage
		(mm)	(mm)	(mm)	(mm)	(mm)	
S0107L	S1107L	1 x 600	664	260	100	110	1
S0108L	S1108L	1 x 1.200	1.274	870	100	110	1
S0109L	S1109L	1 x 1.500	1.575	650	100	110	1
S0119L	S1119L	2 x 600	664	260	160	110	1
S0120L	S1120L	2 x 1.200	1.274	650	160	110	1
S0121L	S1121L	2 x 1.500	1.575	650	160	110	1

**ACCESORIOS SUPRA / SUPRA ACCESORIES / ACCESSOIRES SUPRA**



Ref.	S2150	S2151
	<b>Grapa de acero inoxidable</b> Stainless steel clip Clip acier inox	<b>Sujeción a carril DELTA</b> Delta rail fastening Platine de fixation sur rail DELTA

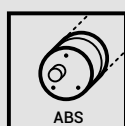
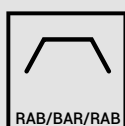
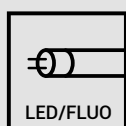
<b>LÍNEA CONTINUA</b> CONTINUOUS LINE CONNECTION CÂBLAGE TRAVERSANT	<b>3 polos / 3 poles / 3 pôles</b>	<b>Ref. S0122</b>
	<b>5 polos / 5 poles / 5 pôles</b>	<b>Ref. S0123</b>



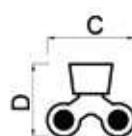
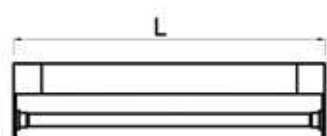
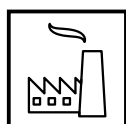
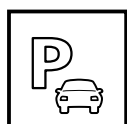
**EMERGENCY**  
1h / 3h

# 1.26

## MODELO M IP65



**APLICACIONES INDICADAS** / SUITABLE APPLICATIONS / APPLICATIONS APPROPRIÉES



IT - DE



IP65

CE

EN 60598-1

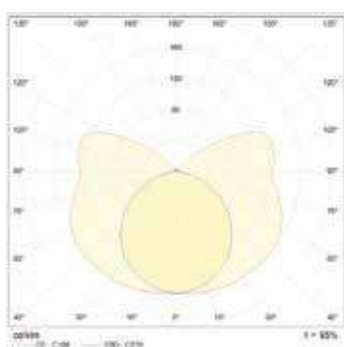


**TUBO FLUORESCENTE / LAMP / LAMPE**

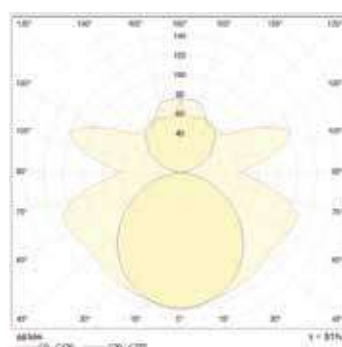
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	C	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	(mm)	
M0125	1 x 18	■	624	100	60	1
M0126	1 x 36	■	1.233	100	60	1
M0127	1 x 58	■	1.534	100	60	1
M0128	2 x 18	■	624	100	123	1
M0129	2 x 36	■	1.233	100	123	1
M0130	2 x 58	■	1.534	100	123	1

■ **Electrónica / Electronic / Électronique**



1x



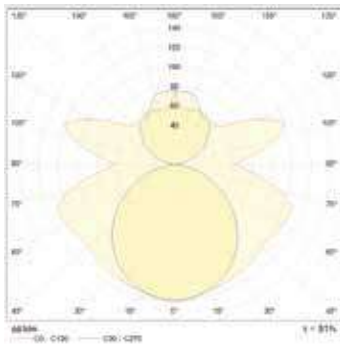
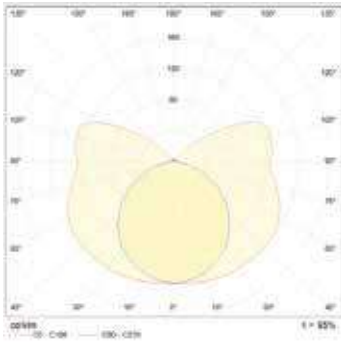
2x

# 1.26

## MODELO M IP65

TUBO FLUORESCENTE / LAMP / LAMPE

T5



Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)		(mm)	(mm)	
M0507	1 x 14	■	589	100	1
M0505	1 x 24	■	589	100	1
M0508	1 x 21	■	889	100	1
M0509	1 x 39	■	889	100	1
M0504	1 x 28	■	1.189	100	1
M0502	1 x 54	■	1.189	100	1
M0503	1 x 35	■	1.489	100	1
M0510	1 x 49	■	1.489	100	1
M0501	1 x 80	■	1.489	100	1
M0511	2 x 14	■	589	100	1
M0514	2 x 24	■	589	100	1
M0512	2 x 21	■	889	100	1
M0515	2 x 39	■	889	100	1
M0513	2 x 28	■	1.189	100	1
M0517	2 x 54	■	1.189	100	1
M0506	2 x 35	■	1.489	100	1
M0516	2 x 49	■	1.489	100	1

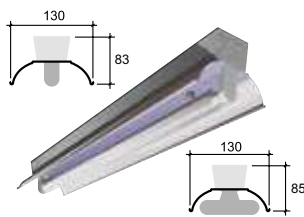
■ Electrónica / Electronic / Électronique

IP65

CE

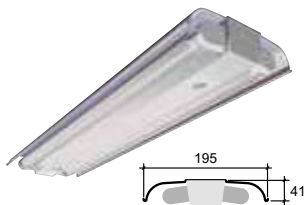
## REFLECTORES MODELO M / MODELO M REFLECTOR / REFLECTEUR MODELO M

### SIMÉTRICO / SYMMETRICAL / SYMÉTRIQUE



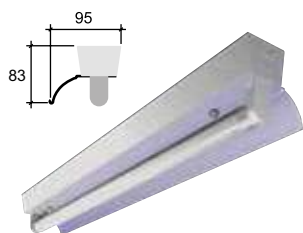
Chapa precalada Lacquered steel Acier laqué	Aluminio brillante Glossy aluminium Aluminium brillant	Potencia Watts Puissance
Ref.	Ref.	(W)
MA100	MA1A0	1 / 2 x 18
MA200	MA2A0	1 / 2 x 36
MA300	MA3A0	1 / 2 x 58
ME100	ME1A0	1 / 2 x 14/24
ME200	ME2A0	1 / 2 x 21/39
ME300	ME3A0	1 / 2 x 28/54
ME400	ME4A0	1 / 2 x 35/49

### ASIMÉTRICO E / ASYMMETRICAL E / ASYMÉTRIQUE E



Chapa precalada Lacquered steel Acier laqué	Aluminio brillante Glossy aluminium Aluminium brillant	Potencia Watts Puissance
Ref.	Ref.	(W)
MC100	MC1A0	1 / 2 x 18
MC200	MC2A0	1 / 2 x 36
MC300	MC3A0	1 / 2 x 58
MG100	MG1A0	1 / 2 x 14/24
MG200	MG2A0	1 / 2 x 21/39
MG300	MG3A0	1 / 2 x 28/54
MG400	MG4A0	1 / 2 x 35/49

### ASIMÉTRICO I / ASYMMETRICAL I / ASYMÉTRIQUE I



Chapa precalada Lacquered steel Acier laqué	Aluminio brillante Glossy aluminium Aluminium brillant	Potencia Watts Puissance
Ref.	Ref.	(W)
MD100	MD1A0	1 / 2 x 18
MD200	MD2A0	1 / 2 x 36
MD300	MD3A0	1 / 2 x 58
MH100	MH1A0	1 / 2 x 14/24
MH200	MH2A0	1 / 2 x 21/39
MH300	MH3A0	1 / 2 x 28/54
MH400	MH4A0	1 / 2 x 35/49

# 1.26

## MODELO M IP42

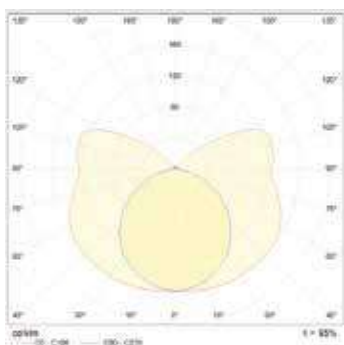


### TUBO FLUORESCENTE / LAMP / LAMPE

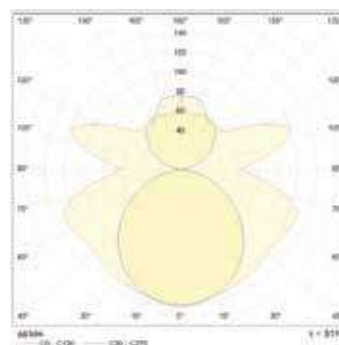
T8

Ref.	Potencia Watts Puissance	Equipo Equipment Ballast	L	D	Embalaje Packaging Emballage
	(W)	■	(mm)	(mm)	
M0025	1 x 18	■	624	100	1
M0026	1 x 36	■	1.233	100	1
M0027	1 x 58	■	1.534	100	1
M0028	2 x 18	■	624	100	1
M0029	2 x 36	■	1.233	100	1
M0030	2 x 58	■	1.534	100	1

■ Electrónica / Electronic / Électronique



1x



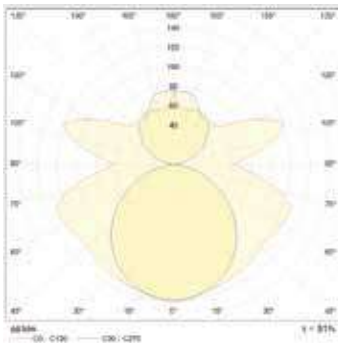
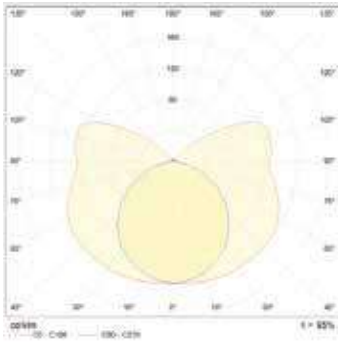
2x

IP42

CE

## TUBO FLUORESCENTE / LAMP / LAMPE

T5




Ref.	Potencia Watts <i>Puissance</i>	Equipo Equipment <i>Ballast</i>	L	D	Embalaje Packaging <i>Emballage</i>
	(W)		(mm)	(mm)	
M0604	1 x 14	■	589	100	1
M0606	1 x 24	■	589	100	1
M0605	1 x 21	■	889	100	1
M0607	1 x 39	■	889	100	1
M0603	1 x 28	■	1.189	100	1
M0608	1x 54	■	1.189	100	1
M0602	1 x 35	■	1.489	100	1
M0601	1 x 49	■	1.489	100	1
M0609	1 x 80	■	1.489	100	1
M0610	2 x 14	■	589	100	1
M0614	2 x 24	■	589	100	1
M0611	2 x 21	■	889	100	1
M0615	2 x 39	■	889	100	1
M0612	2 x 28	■	1.189	100	1
M0617	2 x 54	■	1.189	100	1
M0613	2 x 35	■	1.489	100	1
M0616	2 x 49	■	1.489	100	1

■ **Electrónica** / *Electronic* / *Électronique*

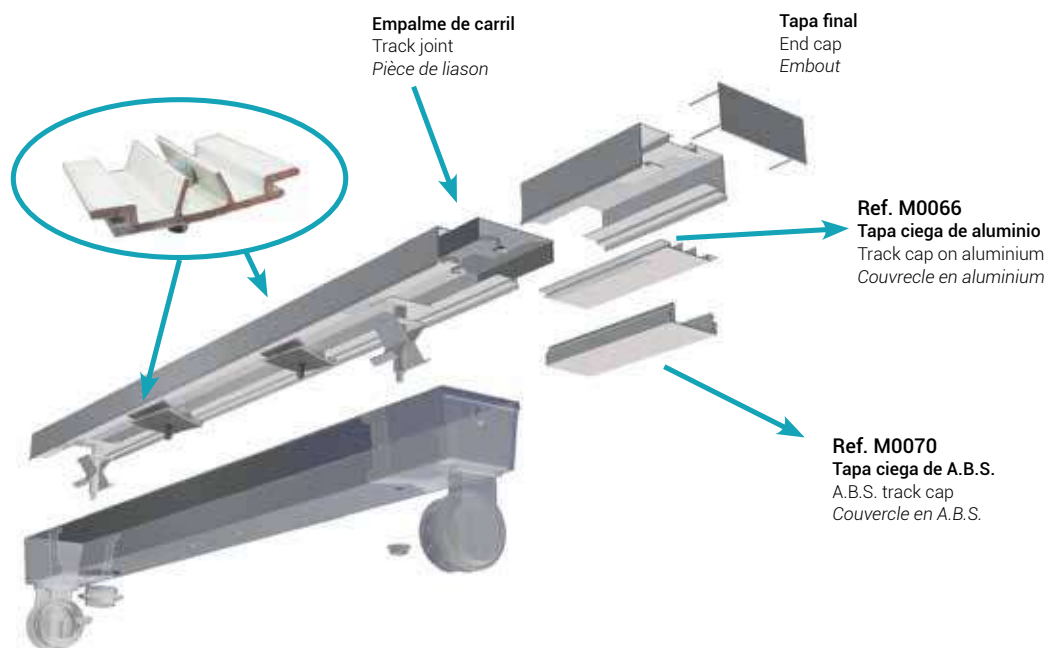
# 1.26

## MODELO M

### ACCESORIOS MODELO M / MODELO M ACCESORIES / ACCESSOIRES MODELO M

Carril Track Rail	Perfil Profile Profile	Carril Track Rail 3070 (mm) 2 X 58	Carril Track Rail 3700 (mm) 3 X 36	Tapa final End cap Embout	Empalme Track joint Pièce de liaison
		Ref.	Ref.	Ref.	Ref.
CHAPA ACERO / LACQUERED STEEL / ACIER LAQUÉ 25 X 67,2 (mm)		M0059	M0060	M0034	M0064

Ref. M0063  
Sujeción a carril  
Fastener for track  
Fixation au RAIL



Ref.

M0191

**Fijación carril a perfil techo desmontable**  
Track fastener to removable ceiling profile  
Fixation de carril au profil du plafond démontable



M0031

**Adaptador aro estanco Ø38 mm**  
Watertight ring Ø38 mm  
Bague porte-douille étanche Ø38 mm
















**Tubo policarbonato / Polycarbonate tube / Tube de polycarbonate**

	(W)	18	36	58
Ø26 Ref.	TP018	TP036	TP058	
Ø38 Ref.	TP020	TP040	TP065	

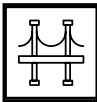










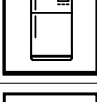
































































# 1. 27

## CUADRO DE APLICACIONES / APPLICATIONS CHART/

	<b>Supermercados/</b> Supermarket/ Supermarché	<b>PISTON, PISTON ECO, SUPRA</b>
	<b>Hoteles/</b> Hotels/ Hotels	<b>TR1, PEGASO</b>
	<b>Oficinas/</b> Offices/ Bureau	<b>PEGASO, MODELO M, TR1, EXCALIBUR</b>
	<b>Centros comerciales/</b> Shopping mall/ Centre commercial	<b>MODELO M, PEGASO, TR1</b>
	<b>Instalaciones deportivas/</b> Sport facilities/ Installation sportives	<b>MUSTANG, RINOX, PEGASO, THUNDER, RESIST, TR1, EMELUX LED</b>
	<b>Túneles ferroviarios/</b> Train tunnels/ Tunnels ferroviaire	<b>EMELUX LED, TUNNEL LED, MUSTANG, TUNNEL, RINOX</b>
	<b>Estancias litorales, ambientes salinos/</b> Coastal areas with saline environments/ Installations littorales et milieux salins	<b>ORION, MUSTANG, RINOX, TR3</b>
	<b>Zona industrial/</b> Industrial Areas/ Zone industrielle	<b>MUSTANG, RINOX, RANGE, CHEMICAL, MODELO M, TR2</b>
	<b>Industrial alimentaria/</b> Food Industry/ Industrie agroalimentaire	<b>FARM LED, FARM</b>
	<b>Granjas/</b> Farms/ Fermes	<b>FARM LED, FARM</b>
	<b>Viveros e invernaderos/</b> Nurseries and Greenhouses/ Pépinières	<b>FARM LED, FARM</b>
	<b>Presencia de productos químicos/</b> Chemical product presence/ Présence de produits chimiques	<b>RANGE, CHEMICAL</b>
	<b>Lavandería y tintorería/</b> Laundry and Dry Cleaning/ Blanchisseries et teintureries	<b>CHEMICAL, RANGE</b>
	<b>Instalaciones hospitalarias/</b> Hospitals/ Installations hospitalières	<b>RANGE, CHEMICAL</b>
	<b>Área de carga y descarga/</b> Loading and Unloading areas/ Zones charge et décharge	<b>THUNDER, RESIST</b>

# TABLEAU D'APPLICATIONS

	<b>Puentes/</b> Bridges/ Ponts	<b>THUNDER, EXCALIBUR, RESIST, TR4, COMPACT</b>
	<b>Zonas de altas temperaturas/</b> High temperatures Zones Zones hautes températures	<b>THUNDER, RESIST, TR2</b>
	<b>Túneles de carretera/</b> Roat tunnel/ Tunnel routier	<b>TUNNEL LED, TUNNEL, EMELUX LED</b>
	<b>Párkins/</b> Parkings/ Parkings	<b>PISTON, SUPRA, PISTON ECO, TR3, ORION, MODELO M, TUNNEL, TUNNEL LED</b>
	<b>Hornos y pasillos de altos hornos/</b> Ovens, Blast furnaces/ Fours, couloirs hauts fourneaux	<b>OVEN</b>
	<b>Fundiciones/</b> Foundries/ Fonderies	<b>OVEN</b>
	<b>Zonas de ultracongelación/</b> Ultrafreezing Zones/ Chambres de surgélation	<b>FROZEN</b>
	<b>Zonas de muy bajas temperaturas/</b> Very Low Temperature zones/ Zones hautes températures	<b>FROZEN, TR3, ORION</b>
	<b>Talleres de reparación de vehículos/</b> Vehicle Repair Shops/ Garages de réparation de véhicules	<b>SILVER, TR2, FARM</b>
	<b>Piscinas, gimnasios/</b> Pools, Gyms/ Piscines, gymnases	<b>EXCALIBUR, TR2, SILVER, TR4, COMPACT</b>
	<b>Campanas industriales/</b> Industrial hoods/ Hottes de cuisines industrielles	<b>TR2, FARM</b>
	<b>Cámaras frigoríficas/</b> Freezers, Food industry/ Chambres de surgélation	<b>TR3, ORION</b>
	<b>Monumentos/</b> Monuments/ Monuments	<b>TR4, EXCALIBUR, TR3, ORION</b>
	<b>Fuentes/</b> Fountains/ Fontaines	<b>COMPACT</b>

	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