

# PRIMA E-CON

NEW



... with external terminal block IP66 / IP69.

## USE

It is designed for indoor spaces, **industrial premises, agricultural buildings, warehouses as well as sports facilities, transport hubs, car parks and garages, workshops and laboratories** with no explosion hazard.

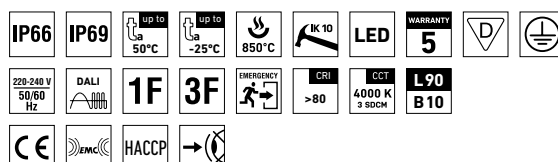
An external terminal block makes it easy and quick to connect the supply cable with no need to open the fitting.

Made of clear polycarbonate, the base and the diffuser boast **high impact and deformation resistance**.

Emissions in the environment of use may reduce the usability of the plastics; for more information see page 407.

## ADVANTAGES

- Light fitting protection **IP66 / IP69**
- High temperature resistance in a range from  $t_a = -25^{\circ}\text{C}$  to  $t_a = 50^{\circ}\text{C}$
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- High **mechanical resistance IK10**
- **Variable suspension pitch**, optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- Standard model CRI > 80: 4000 K
- On request CRI > 80: 3000 K, 5000 K, 6500 K
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- Optional delivery in emergency version
- Eliminated risk of mechanical and electrostatic damage to LED chips
- Optional throughwiring (up to 5 wires inside the light fitting)

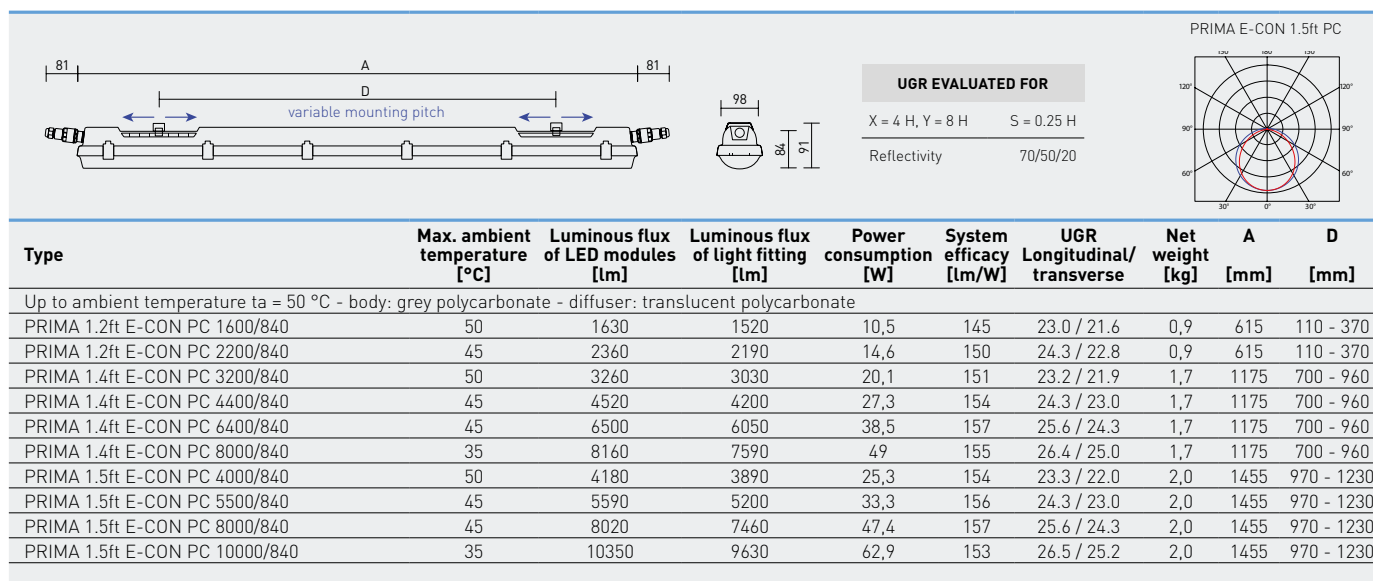


## PRIMA E-CON PC, PCc



## TECHNICAL DESCRIPTION

- Light fitting protection: **IP66 / IP69**
- Maximum ambient temperature: **ta = 50 °C**
- Maximum ambient temperature: ta = 0-40°C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L90B10
- Lifetime: 100 000 hours / L80B10
- Maximum light fitting efficiency: **157 lm/W**
- **CRI > 80: 4000 K** - standard
- CRI > 80: 3000 K, 5000 K, 6500 K - on request
- CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K - on request
- MacAdam = 3 SDCM
- Diffuser: **translucent PC** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability)
- Reflector: steel sheet, white colour (RAL 9003)
- **Mounting clips:** stainless steel, stainless steel hooks included
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- **External terminal block** 3 or 5-pole, conductor cross-sectional area: 1.5 or 2.5 mm<sup>2</sup>
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



## PRIMA E-CON PC

Type
PRIMA 1.2ft E-CON PC 1600/840
PRIMA 1.2ft E-CON PC 2200/840
PRIMA 1.4ft E-CON PC 3200/840
PRIMA 1.4ft E-CON PC 4400/840
PRIMA 1.4ft E-CON PC 6400/840
PRIMA 1.4ft E-CON PC 8000/840
PRIMA 1.5ft E-CON PC 4000/840
PRIMA 1.5ft E-CON PC 5500/840
PRIMA 1.5ft E-CON PC 8000/840
PRIMA 1.5ft E-CON PC 10000/840

Non-dimmable driver, plastic clips

1x3P	1x5P	M3hAt 1x5P	2x3P	2x5P	M3hAt 2x5P
107608	107618	x	107634	107644	x
107609	107619	x	107635	107645	x
107610	107620	107628	107636	107646	107654
107611	107621	107629	107637	107647	107655
107612	107622	107630	107638	107648	107656
107613	107623	x	107639	107649	x
107614	107624	107631	107640	107650	107657
107615	107625	107632	107641	107651	107658
107616	107626	107633	107642	107652	107659
107617	107627	x	107643	107653	x

## PRIMA E-CON PCc

Type
PRIMA 1.2ft E-CON PCc 1600/840
PRIMA 1.2ft E-CON PCc 2200/840
PRIMA 1.4ft E-CON PCc 3200/840
PRIMA 1.4ft E-CON PCc 4400/840
PRIMA 1.4ft E-CON PCc 6400/840
PRIMA 1.4ft E-CON PCc 8000/840
PRIMA 1.5ft E-CON PCc 4000/840
PRIMA 1.5ft E-CON PCc 5500/840
PRIMA 1.5ft E-CON PCc 8000/840
PRIMA 1.5ft E-CON PCc 10000/840

Non-dimmable driver, stainless clips [c]

1x3P	1x5P	M3hAt 1x5P	2x3P	2x5P	M3hAt 2x5P
107692	107702	x	107718	107728	x
107693	107703	x	107719	107729	x
107694	107704	107712	107720	107730	107738
107695	107705	107713	107721	107731	107739
107696	107706	107714	107722	107732	107740
107697	107707	x	107723	107733	x
107698	107708	107715	107724	107734	107741
107699	107709	107716	107725	107735	107742
107700	107710	107717	107726	107736	107743
107701	107711	x	107727	107737	x

## PRIMA E-CON PC DALI

Digital dimmable driver DALI, plastic clips

Type	DALI 1x5P	DALI M3hAt 1x5P	DALI 2x5P	DALI M3hAt 2x5P
PRIMA 1.2ft E-CON PC 1600/840	107660	x	107676	x
PRIMA 1.2ft E-CON PC 2200/840	107661	x	107677	x
PRIMA 1.4ft E-CON PC 3200/840	107662	107670	107678	107686
PRIMA 1.4ft E-CON PC 4400/840	107663	107671	107679	107687
PRIMA 1.4ft E-CON PC 6400/840	107664	107672	107680	107688
PRIMA 1.4ft E-CON PC 8000/840	107665	x	107681	x
PRIMA 1.5ft E-CON PC 4000/840	107666	107673	107682	107689
PRIMA 1.5ft E-CON PC 5500/840	107667	107674	107683	107690
PRIMA 1.5ft E-CON PC 8000/840	107668	107675	107684	107691
PRIMA 1.5ft E-CON PC 10000/840	107669	x	107685	x

## PRIMA E-CON PCc DALI

Digital dimmable driver DALI, stainless clips (c)

Type	DALI 1x5P	DALI M3hAt 1x5P	DALI 2x5P	DALI M3hAt 2x5P
PRIMA 1.2ft E-CON PCc 1600/840	107744	x	107760	x
PRIMA 1.2ft E-CON PCc 2200/840	107745	x	107761	x
PRIMA 1.4ft E-CON PCc 3200/840	107746	107754	107762	107770
PRIMA 1.4ft E-CON PCc 4400/840	107747	107755	107763	107771
PRIMA 1.4ft E-CON PCc 6400/840	107748	107756	107764	107772
PRIMA 1.4ft E-CON PCc 8000/840	107749	x	107765	x
PRIMA 1.5ft E-CON PCc 4000/840	107750	107757	107766	107773
PRIMA 1.5ft E-CON PCc 5500/840	107751	107758	107767	107774
PRIMA 1.5ft E-CON PCc 8000/840	107752	107759	107768	107775
PRIMA 1.5ft E-CON PCc 10000/840	107753	x	107769	x

## LEGEND

- 1x3P** - a version featuring a non-dimmable ballast and a single 3-pole external terminal block
- 1x5P** - a version featuring a non-dimmable ballast and a single 5-pole external terminal block
- M3hAt 1x5P** - emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting and a single 5-pole external terminal block
- 2x3P** - a version featuring a non-dimmable ballast, two 3-pole external terminal blocks and 3-wire connecting cables (1F), for continuous row installation
- 2x5P** - a version featuring a non-dimmable ballast, two 5-pole external terminal blocks and 5-wire connecting cables (3F), for continuous row installation
- M3hAt 2x5P** - emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting, two 5-pole external terminal blocks and 5-wire connecting cables (3F), for continuous row installation
- DALI 1x5P** - a version featuring a digitally dimmable ballast and a single 5-pole external terminal block
- DALI M3hAt 1x5P** - a version featuring a digitally dimmable ballast, emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting and a single 5-pole external terminal block
- DALI 2x5P** - a version featuring a digitally dimmable ballast, two 5-pole external terminal blocks and 5-wire connecting cables (DALI 1F), for continuous row installation
- DALI M3hAt 2x5P** - a version featuring a digitally dimmable ballast, emergency back-up source with operating time of 3 hours (SA) for permanent illumination with battery autotesting, two 5-pole external terminal blocks and 5-wire connecting cables (DALI 1F), for continuous row installation

## LIGHT FITTING ATTACHMENT

- a) Directly to a ceiling or a wall with the use of screws and stainless brackets
- b) Suspension with the use of stainless hooks
- c) Attachment with the use of side hangers to the wall - is not included in accessories



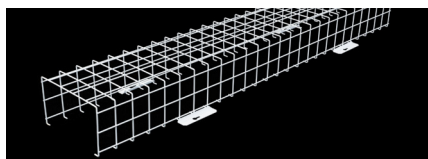
## LIGHT FITTING DETAILED VIEW

PRIMA E-CON PC



## OM – protective grid

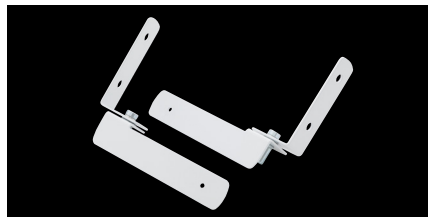
The metal grid protects the light fitting against mechanical damage and unauthorised handling. It is attached to the surface with the use of screws. The surface is treated with the RAL 9003 powder-coated colour.



Code	Type	Description	Weight [kg]
11941	OM 218	protective grid for types 218, 214/224, 2.2ft (700×220×130 mm)	1,0
11942	OM 236	protective grid for types 236, 228/254, 2.4ft (1300×220×130 mm)	1,7
11943	OM 258	protective grid for types 258, 235/249/280, 2.5ft (1600×220×130 mm)	2,0

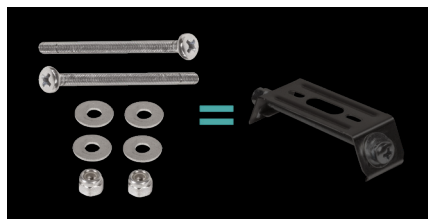
## BZ – side hanger

It serves to attach the light fitting to the wall with the possibility of its positioning.



Code	Type	Description	Weight [kg]
90002	BZ	side hanger with blocking (set for 1 light fitting)	0,4

## Locking set for bracket G3



Code	Type	Description	Weight [kg]
11553	G3 SET	a locking set for G3 stainless steel bracket (bolts, nuts, washers)	0,2



