

# PRIMA LED



**BIM**  
ready

... dustproof, waterproof and impact-resistant.

## USE

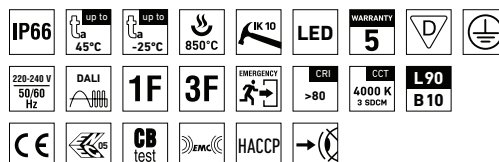
The light fitting is suitable for industrial indoor and outdoor roofed spaces, warehouses, sports areas, workshops, garages, transport terminals, utility structures and laboratories without a danger of explosion of gas, dust and combustible fumes.

The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistance against deformation and impact.

(It is necessary to consider exhalation in the air which can reduce the usability of the plastic at installations in an aggressive environment, see also page 325).

## ADVANTAGES

- Light fitting protection **IP66**
- Maximum ambient temperature up to **t<sub>a</sub> = 45 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC) = high mechanical resistance
- Body: grey polycarbonate (PC) = high mechanical resistance
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version possibility of constant luminous flux for whole lifetime (CLO)
- Constant luminous flux even in ambient temperature of -25 °C
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- It can be delivered in dimmable or emergency version
- Certification: ESČ, ENEC, CB, HACCP



## PRIMA LED PC, PCc



## TECHNICAL DESCRIPTION

- Light fitting protection: IP66
- Maximum ambient temperature:  $t_a = 45^\circ\text{C}$ , Maximum ambient temperature:  $t_a = 0-25^\circ\text{C}$  (version with emergency back-up source for 1 or 3 hours; M1h, M3h)
- Maximum system efficacy: 153 lm/W
- The watt and lumen values can vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: translucent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: polyamide + 15 % glass fibre or stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5, or rubber (SBS)
- Distance part: polyamide + 10 % glass fibre
- Terminal block: screwless, five-pole (basic version), or screwed
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: LED modules, current driver or current driver DALI

Code	Type	Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
For ambient temperature $t_a = 45^\circ\text{C}$ - body: grey polycarbonate - diffuser: translucent polycarbonate									
65010	PRIMA LED 1.2ft PC 1300/840	45	1320	1170	8	146	1,3	662	350
65020	PRIMA LED 1.2ft PC 1600/840	45	1580	1410	10	141	1,3	662	350
65030	PRIMA LED 1.2ft PC 2200/840	40	2200	1960	14	140	1,3	662	350
65040	PRIMA LED 1.4ft PC 2600/840	45	2580	2300	16	144	1,9	1272	700
65050	PRIMA LED 1.4ft PC 3200/840	45	3110	2770	20	139	1,9	1272	700
65060	PRIMA LED 1.4ft PC 4400/840	40	4350	3870	27	143	1,9	1272	700
65460	PRIMA LED 1.4ft PC 6400/840	40	6260	5570	38	147	1,9	1272	700
65070	PRIMA LED 1.5ft PC 3250/840	45	3240	2880	20	144	2,3	1572	940
65080	PRIMA LED 1.5ft PC 4000/840	45	3880	3450	24	144	2,3	1572	940
65090	PRIMA LED 1.5ft PC 5500/840	40	5420	4820	33	146	2,3	1572	940
65490	PRIMA LED 1.5ft PC 8000/840	40	7740	6890	45	153	2,3	1572	940

65020 PRIMA LED 1.2ft PC 1600/840 = suitable replacement for T8 fl. tube light fitting PRIMA 118 - 1x18W  
 65050 PRIMA LED 1.4ft PC 3200/840 = suitable replacement for T8 fl. tube light fitting PRIMA 136 - 1x36W  
 65460 PRIMA LED 1.4ft PC 6400/840 = suitable replacement for T8 fl. tube light fitting PRIMA 236 - 2x36W  
 65080 PRIMA LED 1.5ft PC 4000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 158 - 1x58W  
 65490 PRIMA LED 1.5ft PC 8000/840 = suitable replacement for T8 fl. tube light fitting PRIMA 258 - 2x58W

## PRIMA LED PC

Non-dimmable driver - plastic clips

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
65010	PRIMA LED 1.2ft PC 1300/840	x	x	x	x	x	x
65020	PRIMA LED 1.2ft PC 1600/840	x	x	x	x	x	x
65030	PRIMA LED 1.2ft PC 2200/840	x	x	x	x	x	x
65040	PRIMA LED 1.4ft PC 2600/840	65140	65340	65044	65045	65344	65345
65050	PRIMA LED 1.4ft PC 3200/840	65150	65350	65054	65055	65354	65355
65060	PRIMA LED 1.4ft PC 4400/840	65160	65360	65064	65065	65364	65365
65460	PRIMA LED 1.4ft PC 6400/840	65461	65462	x	x	x	x
65070	PRIMA LED 1.5ft PC 3250/840	65170	65370	65074	65075	65374	65375
65080	PRIMA LED 1.5ft PC 4000/840	65180	65380	65084	65085	65384	65385
65090	PRIMA LED 1.5ft PC 5500/840	65190	65390	65094	65095	65394	65395
65490	PRIMA LED 1.5ft PC 8000/840	65491	65492	x	x	x	x

## PRIMA LED PCc

Non-dimmable driver - stainless clips (c)

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
65210	PRIMA LED 1.2ft PCc 1300/840	x	x	x	x	x	x
65220	PRIMA LED 1.2ft PCc 1600/840	x	x	x	x	x	x
65230	PRIMA LED 1.2ft PCc 2200/840	x	x	x	x	x	x
65240	PRIMA LED 1.4ft PCc 2600/840	65540	65640	65244	65245	65644	65645
65250	PRIMA LED 1.4ft PCc 3200/840	65550	65650	65254	65255	65654	65655
65260	PRIMA LED 1.4ft PCc 4400/840	65560	65660	65264	65265	65664	65665
65760	PRIMA LED 1.4ft PCc 6400/840	65761	65762	x	x	x	x
65270	PRIMA LED 1.5ft PCc 3250/840	65570	65670	65274	65275	65674	65675
65280	PRIMA LED 1.5ft PCc 4000/840	65580	65680	65284	65285	65684	65685
65290	PRIMA LED 1.5ft PCc 5500/840	65590	65690	65294	65295	65694	65695
65790	PRIMA LED 1.5ft PCc 8000/840	65791	65792	x	x	x	x

Example of type marking: 65644 = PRIMA LED 1.4ft PCc 2600/840 **3F M1h**

PRIMA LED PC DALI

Code	Type
65013	PRIMA LED 1.2ft PC 1300/840 DALI
65023	PRIMA LED 1.2ft PC 1600/840 DALI
65033	PRIMA LED 1.2ft PC 2200/840 DALI
65043	PRIMA LED 1.4ft PC 2600/840 DALI
65053	PRIMA LED 1.4ft PC 3200/840 DALI
65063	PRIMA LED 1.4ft PC 4400/840 DALI
65860	PRIMA LED 1.4ft PC 6400/840 DALI
65073	PRIMA LED 1.5ft PC 3250/840 DALI
65083	PRIMA LED 1.5ft PC 4000/840 DALI
65093	PRIMA LED 1.5ft PC 5500/840 DALI
65890	PRIMA LED 1.5ft PC 8000/840 DALI

Digital dimmable driver DALI - plastic clips

	1F	3F	M1h	M3h	3F M1h	3F M3h
	x	x	x	x	x	x
	x	x	x	x	x	x
	x	x	x	x	x	x
65143	65343	65047	65048	65347	65348	
65153	65353	65057	65058	65357	65358	
65163	65363	65067	65068	65367	65368	
65861	65862	x	x	x	x	
65173	65373	65077	65078	65377	65378	
65183	65383	65087	65088	65387	65388	
65193	65393	65097	65098	65397	65398	
65891	65892	x	x	x	x	

PRIMA LED PCc DALI

Code	Type
65213	PRIMA LED 1.2ft PCc 1300/840 DALI
65223	PRIMA LED 1.2ft PCc 1600/840 DALI
65233	PRIMA LED 1.2ft PCc 2200/840 DALI
65243	PRIMA LED 1.4ft PCc 2600/840 DALI
65253	PRIMA LED 1.4ft PCc 3200/840 DALI
65263	PRIMA LED 1.4ft PCc 4400/840 DALI
65960	PRIMA LED 1.4ft PCc 6400/840 DALI
65273	PRIMA LED 1.5ft PCc 3250/840 DALI
65283	PRIMA LED 1.5ft PCc 4000/840 DALI
65293	PRIMA LED 1.5ft PCc 5500/840 DALI
65990	PRIMA LED 1.5ft PCc 8000/840 DALI

Digital dimmable driver DALI - stainless clips (c)

	1F	3F	M1h	M3h	3F M1h	3F M3h
	x	x	x	x	x	x
	x	x	x	x	x	x
	x	x	x	x	x	x
65543	65643	65247	65248	65647	65648	
65553	65653	65257	65258	65657	65658	
65563	65663	65267	65268	65667	65668	
65961	65962	x	x	x	x	
65573	65673	65277	65278	65677	65678	
65583	65683	65287	65288	65687	65688	
65593	65693	65297	65298	65697	65698	
65991	65992	x	x	x	x	

Example of type marking: 65693 = PRIMA LED 1.5ft PCc 5500/840 DALI **3F**

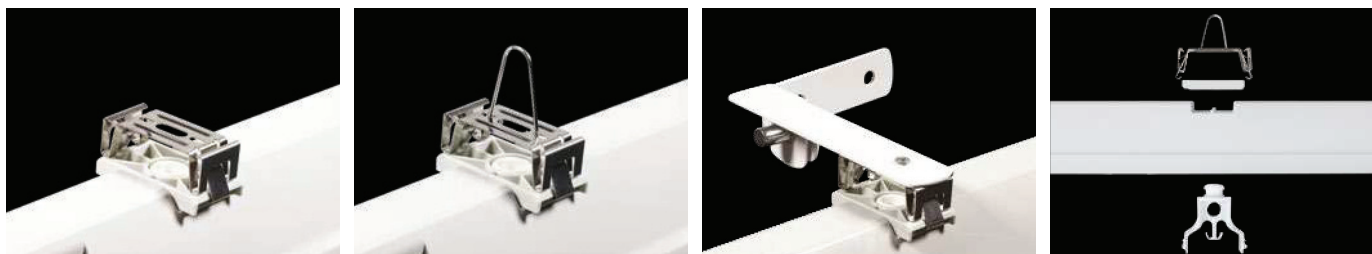
LEGEND

- 1F** 1-phase 3 core through-wiring in the luminaire
- 3F** 3-phase 5 core through-wiring in the luminaire
- M1h** emergency back-up source with 1 hour operating time for maintained emergency illumination
- M3h** emergency back-up source with 3 hour operating time for maintained emergency illumination
- 3F Mxh** 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

- DALI** version with digital dimmable driver DALI
- DALI 1F** 1-phase 5 core through-wiring in the luminaire
- DALI 3F** 3-phase 7 core through-wiring in the luminaire
- DALI 3F Mxh** 3-phase 7 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)

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



LIGHT FITTING DETAILED VIEW

PRIMA LED



### 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

### Canalis busbar system connector

The connector enables a quick 1 phase or 3 phase interconnection of light fittings without their opening.



Code	Type	Description	Weight [kg]
79001	KBA 40 ZU	light fitting suspended holder - Canalis KBA system	0,1
70002	KBC 10 CC211	connector with 1 m cable - Canalis KBA system	0,2

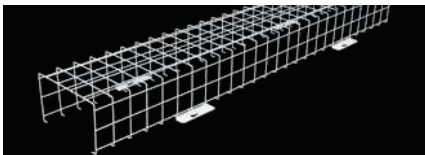
### Stucchi or Wieland connector

The connector enables a quick 1 phase or 3 phase interconnection of light fittings without their opening.



### 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, x.2ft (700×220×130 mm)	1,0
11942	OM 236	protective grid for types 236, 228/254, x.4ft (1300×220×130 mm)	1,7
11943	OM 258	protective grid for types 258, 235/249/280, x.5ft (1600×220×130 mm)	2,0