PRIMA MAX





... for extreme temperatures -40 °C to +65 °C.

USE

Designed to be installed indoors, in sheltered outdoor spaces as well as in spaces with extreme ambient temperatures as low as -40 °C or as high as -45 °C

A ventilation membrane equalizes pressures while blocking water and contaminants that build up inside of the fitting as a result of temperature fluctuations.

Highly recommended for heating plants, metallurgical plants, glassworks, freezing plants, cooling plants and other spaces with no explosion hazard.

IP69-rated and HACCP-compliant, the fitting's design also makes it a great choice for the food industry.

Emissions in the environment of use may reduce the usability of the plastics.

ADVANTAGES

- Light fitting protection IP66 / IP69
- High temperature resistance in a range from ta = -40 °C to ta = 65 °C
- Lifetime: 50 000 hours / L80B10
- Variable suspension pitch, optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- Optional throughwiring (up to 7 wires inside the light fitting)
- 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 dimmable version
- Certificates: HACCP

IP66 IP69 Ga 65°C	(10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
228-240 V 50/60 Hz DALI	3F CRI CCT L80 B 10
CE DEMCC HACCP	→ (()

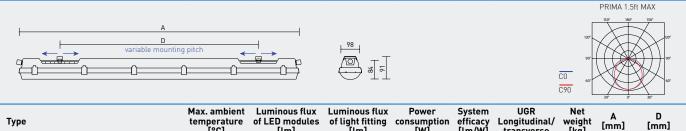
PRIMA MAX PCc



TECHNICAL DESCRIPTION

- Light fitting protection: IP66 / IP69
- Minimum ambient temperature: ta = -40 °C
- Maximum ambient temperature: ta = 65°C
- Lifetime: 50 000 hours / L80B10
- Maximum light fitting efficiency: 156 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)

- A ventilation membrane in the base equalizes pressures while blocking water and contaminants
- Reflector: steel sheet, white colour (RAL 9003)
- **Mounting clips:** stainless steel, stainless steel hooks included
- Clips: stainless steel + polyamide
- Sealing: polyurethane (PUR), foamed body groove
- Cable glands: screwed PG 13.5
- Terminal block: screwless, three-pole (basic version), or screwed
- The values stated for power consumption and luminous flux are in a tolerance of \pm 7.5 %



Max. ambient temperature [°C]	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/ transverse	Net weight [kg]	A [mm]	D [mm]
Up to ambient temperature ta = 65 °C - body: grey polycarbonate - diffuser: translucent polycarbonate								
65	3100	2880	19,1	151	22.9 / 22.1	1,7	1170	700 - 960
60	4300	4000	26,0	154	24.1 / 23.2	1,7	1170	700 - 960
65	3850	3580	23,3	154	23.0 / 22.1	2,0	1450	970 - 1230
60	5340	4970	31,9	156	24.1 / 23.3	2,0	1450	970 - 1230
	temperature [°C] dy: grey polycarbo 65 60 65	temperature [°C] of LED modules [tm] dy: grey polycarbonate - diffuser: tra 65 3100 60 4300 65 3850	temperature [°C] of LED modules [lm] of light fitting [lm] dy: grey polycarbonate - diffuser: translucent polyca 65 3100 2880 60 4300 4000 65 3850 3580	temperature [°C] of LED modules [Im] of light fitting [W] consumption [W] dy: grey polycarbonate - diffuser: translucent polycarbonate 65 3100 2880 19,1 60 4300 4000 26,0 65 3850 3580 23,3	temperature [°C] of LED modules [Im] of light fitting [Im] consumption [V] efficacy [Im/V] dy: grey polycarbonate - diffuser: translucent polycarbonate 65 3100 2880 19,1 151 60 4300 4000 26,0 154 65 3850 3580 23,3 154	temperature [°C] of LED modules [Im] of light fitting [Im] consumption [W] efficacy [Im/W] Longitudinal/transverse dy: grey polycarbonate - diffuser: translucent polycarbonate 3100 2880 19,1 151 22.9 / 22.1 60 4300 4000 26,0 154 24.1 / 23.2 65 3850 3580 23,3 154 23.0 / 22.1	temperature [°C] of LED modules [Im] of light fitting [Im] consumption [Im/W] efficacy [Im/W] Longitudinal/ transverse weight [kg] dy: grey polycarbonate - diffuser: translucent polycarbonate 3100 2880 19,1 151 22.9 / 22.1 1,7 60 4300 4000 26,0 154 24.1 / 23.2 1,7 65 3850 3580 23,3 154 23.0 / 22.1 2,0	temperature [°C] of LED modules [Im] of light fitting [Im] consumption [W] efficacy [Im/W] Longitudinal/ transverse weight [kg] A [mm] dy: grey polycarbonate - diffuser: translucent polycarbonate 3100 2880 19,1 151 22.9 / 22.1 1,7 1170 60 4300 4000 26,0 154 24.1 / 23.2 1,7 1170 65 3850 3580 23,3 154 23.0 / 22.1 2,0 1450

PRIMA MAX PCc

Code Type 107086 PRIMA 1.4ft MAX PCc 3200/840 107091 PRIMA 1.4ft MAX PCc 4400/840 107092 PRIMA 1.5ft MAX PCc 4000/840 107101 PRIMA 1.5ft MAX PCc 5500/840

stainless clips (c)

1F	3F	M1h	M3h	DALI	DALI 3F
107087	107088	Х	X	107089	107090
107093	107095	X	X	107097	107099
107094	107096	Х	X	107098	107100
107102	107103	X	X	107104	107105

LEGEND

1F	1-phase 3 core through-wiring in the luminaire	DALI	version with digital dimmable driver DALI
3F	3-phase 5 core through-wiring in the luminaire	DALI 1F	1-phase 5 core through-wiring in the luminaire
M1h	emergency back-up source with 1 hour operating time for maintained emergency illumination	DALI 3F	3-phase 7 core through-wiring in the luminaire
M3h	emergency back-up source with 3 hour operating time for maintained emergency illumination	DALI 3F Mxh	3-phase 7 core through-wiring in the luminaire
3F Mxh	3-phase 5 core through-wiring in the luminaire		(L3 used for emergency unit unswitched power supply)

(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 is not included in accessories







LIGHT FITTING DETAILED VIEW

PRIMA MAX















