

Data sheet: *PlafLED* SERIES

rev.03/18



Descrizione del prodotto

PlafLED is a durable and high efficient solution for a variety of industrial and commercial applications; due to its anodized extruded aluminium housing, the luminaire has an optimal thermal dissipation and a longer lifetime; in terms of diffusers, you can choose between a tempered glass shield or a polycarbonate one, depending on the type of the installing environment: tempered glass shields ensure resistance to chemical substances, thermal shocks and collision.



Applications: Warehouses, manufacturing facilities, commercial facilities, exhibitions, food industry, show rooms

Suggested installation heights: $3m < H < 7m$

Technical features

Luminaire luminous Flux: 4250 ÷ 8500 lm

Power range: 37 ÷ 75 W

Light source: LED SAMSUNG (MP G2)

Light source efficacy: up to 146 lm/W

Colour Rendering Index (CRI): > 80

Colour Correlated Temperature (CCT): 3000 K, 4000 K (Std), 5000 K

Input voltage and frequency range: 205 ÷ 254 Vac, 50 ÷ 60 Hz

Driver (built-in): PHILIPS - HELVAR

Insulation class: SELV - CLASS II

Power Factor: > 0,9

Lifetime: L70 > 72000h @ Ta=25°C (IES TM-21-11 Prediction)

Dimensions: L x 185 mm x 58 mm (L=600/1200 mm)

Materials: body made of anodized extruded aluminium; stainless steel screws

Diffuser material: tempered glass or polycarbonate

Weight: 2,5 ÷ 5,6 kg (depending on the length L and on the type of diffuser)

Installation: suspended mounting, ceiling mounting or wall mounting

Working temperature: -20°C ÷ 45°C

IP protection: IP65

Luminous flux dimming (on demand): DALI – 1÷10V

Reference Standards: EN60598-1, EN60598-2-1, EN62471, EN62031, EN61547, EN6100-3-2 (C class)

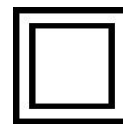
Standard equipment: luminaire provided with a 3-pole power supply cable (1m long) and hooks to make easier the installation

Accessories (on demand): suspension mounting- ceiling mounting- and wall mounting set; movement- and light detector

Diffusers on demand: transparent glass, satin finish glass; transparent polycarbonate and frosted polycarbonate.

Colour: Anodized SILVER GREY (Std); others customizable

Warranty: 5 YEARS



SELV

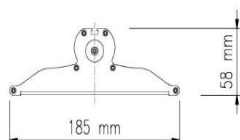


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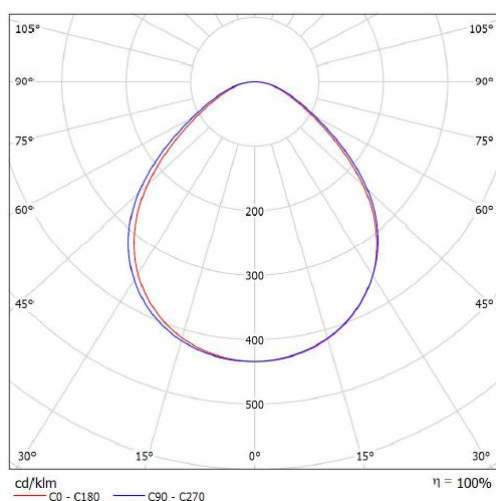
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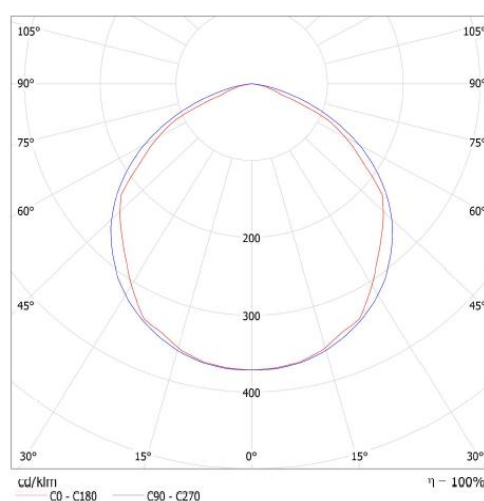
Dimensions



Standard Photometry – PC satin



Photometry – Satin finish glass



Standard products

Code product	Modell	Screen	Dimension	Luminous Flux	Power
0231 2000 4920	MC40PS602_G49	PC satin	600 x 185 x 58mm	4250 lm	37 W
0231 2100 7020	MC40PS603_G70	PC satin	600 x 185 x 58mm	5700 lm	51 W
0231 3200 8320	MC40PS124_G83	PC satin	1200 x 185 x 58mm	7200 lm	63 W
0231 3200 9820	MC40PS124_G98	PC satin	1200 x 185 x 58mm	8500 lm	75 W
0233 2000 4920	MC40VS602_G49	VS: satin finish glass	600 x 185 x 58mm	4250 lm	37 W
0233 2100 7020	MC40VS603_G70	VS: satin finish glass	600 x 185 x 58mm	5700 lm	51 W
0233 3200 8320	MC40VS124_G83	VS: satin finish glass	1200 x 185 x 58mm	7200 lm	63 W
0233 3200 9820	MC40VS124_G98	VS: satin finish glass	1200 x 185 x 58mm	8500 lm	75 W

Thanks to the flexibility of this range, other products with various power and luminous flux are possible on request.
Due to the technological evolution, luminous flux and power can show a tolerance of +/- 10% with reference to the reported values



Sangalli Technologies S.r.l.
SOCIETA' A SOCIO UNICO
Via Roveredo, 1/A (INT. 13)
33170 PORDENONE - ITALIA



Sangalli Technologies USA LLC
511 S 93rd Avenue
68114 OMAHA – NE - USA

www.sangallitechnologies.com

