PHOBOS LED 5100LM 830 IP20 I KL. OPAL (45W) 500MM

DETAILED CARD



TECHNICAL PARAMETERS

Index:	462313
Ingress protection:	IP20
Impact resistance:	IK08
Nominal power [W]:	45
Luminous flux [lm]*:	5100
Colour temperature [K]:	3000
SDCM:	3
Energy efficiency class:	E
Material of the body:	powder coated steel
Diffuser material:	PS

CHARACTERISTICS

Surface-mounted, round LED fitting with very high diffuser diameter, high luminous flux and even light distribution. Includes an integrated energy-saving light source LED. Galvanized steel base, powder-coated white; light, white acrylic diffuser made using termoforming method. Simple pawl-based mounting system does not require any additional tools and safeguards the diffuser against uncontrolled fall. The luminaire may be used to replace standard four-lamp fittings in irregular shaped rooms. Designed to work with a radio motion sensor or the DALI system.

APPLICATION

Surface mounted fitting intended for indoor use characterized by even light distribution and good surface lighting. Particularly suitable as a general light source in representative rooms and passageways. Thanks to exceptional lighting parameters, possible integration with the DALI system and decorative qualities, the product will surely prove its worth in large conference halls.

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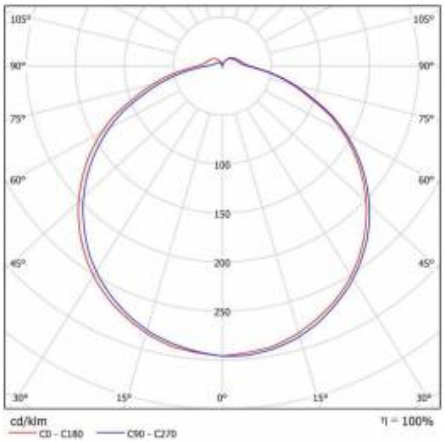
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Light source:	LED module
Nominal power [W]:	45
Rated power of the luminaire [W]:	47
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	5100
Luminous efficacy [lm/W]:	109
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.96
Diffuser material:	PS
Diffuser type:	OPAL
Material of the body:	powder coated steel
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	ø500/110
Impact resistance:	IK08
Ingress protection:	IP20

Mounting version:	surface
Working temperature [°C]:	from -25 to +35
Net weight [kg]:	3.600
Warranty [years]:	5
CE certificate:	389/2023
Index:	462313
EAN:	5905963462313
Category type:	bulkheads
LED lifespan L70B50 [h]:	90000
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser colour:	white
Optics material:	PC
Optics:	matrix lens
Mounting dimensions [mm]:	ø418
Dimensions of single box [mm]:	515/515/115
Version:	LV
Light distribution type:	lambertian
Manual:	Download PDF
Warranty [years]:	5
Plik LDT:	Download

LIGHT CURVES



Card creation date: 10 January 2025

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 389/2023

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