

PHOBOS LED 5850LM 830 IP20 I KL. OPAL (53W) 500MM

DETAILED CARD



TECHNICAL PARAMETERS

Index:	462252
Ingress protection:	IP20
Impact resistance:	IK08
Nominal power [W]:	53
Luminous flux [lm]*:	5850
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 thermoforming 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.

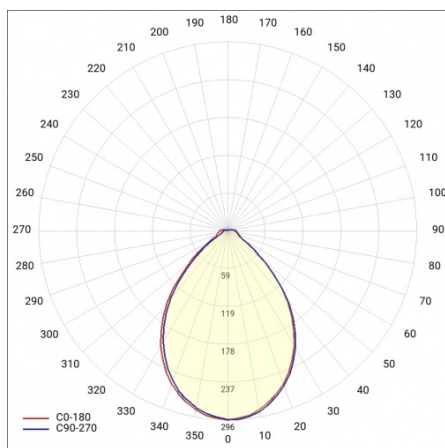
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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	53	Working temperature [°C]:	from -25 to +35
Light source:	LED module	Net weight [kg]:	3.700
Colour temperature [K]:	3000	Warranty [years]:	5
Luminous flux [lm]:	5850	CE certificate:	389/2023
Rated power of the luminaire [W]:	55	Index:	462252
Supply voltage [V]:	220-240	EAN:	5905963462252
Diffuser type:	OPAL	Category type:	bulkheads
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	90000
Luminous efficacy [lm/W]:	106	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Energy efficiency class:	E	Diffuser colour:	white
Electrical protection class:	I	Optics material:	PC
Colour rendering index:	>80	Optics:	matrix lens
SDCM:	≤ 3	Mounting dimensions [mm]:	ø418
Power factor:	0.96	Dimensions of single box [mm]:	515/515/115
Diffuser material:	PS	Version:	LV
Material of the body:	powder coated steel	Light distribution type:	lambertian
Colour of the body:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	ø500/110	Warranty [years]:	5
Impact resistance:	IK08	Plik LDT:	Download
Ingress protection:	IP20		
Mounting version:	surface		

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 389/2023



Lena Lighting S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl