

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	462252
<b>Ingress protection:</b>	IP20
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	53
<b>Luminous flux [lm]*:</b>	5850
<b>Colour temperature [K]:</b>	3000
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	powder coated steel
<b>Diffuser material:</b>	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.

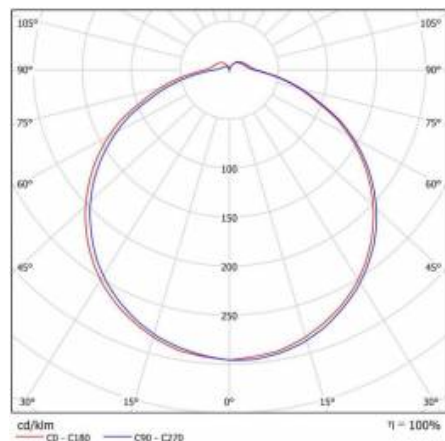
# PHOBOS LED 5850LM 830 IP20 I KL. OPAL (53W) 500MM

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

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

## LIGHT CURVES



Card creation date: 19 September 2022

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](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)