## 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:	r 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.



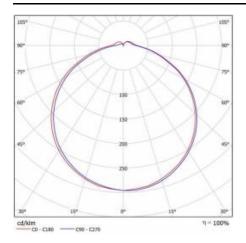
# PHOBOS LED 5850LM 830 IP20 I KL. OPAL (53W) 500MM

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:	<u>389/2023</u>
Luminous flux [Im]:	5850	Index:	462252
Luminous efficacy [lm/W]:	106	EAN:	5905963462252
Energy efficiency class:	E	Category type:	bulkheads
Electrical protection class:	1	LED lifespan L70B50 [h]:	90000
Colour temperature [K]:	3000	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral
Colour rendering index:	80	Photobiological safety:	limitation)
SDCM:	≤ 3	Diffuser colour:	white
Power factor:	0.96	Optics material:	PC
Diffuser material:	PS	Optics:	matrix lens
Diffuser type:	OPAL	Mounting dimensions [mm]:	ø418
Material of the body:	powder coated steel	Dimensions of single box [mm]:	515/515/115
Colour of the body:	white	Version:	LV
Dimensions (H/W/T/S) [mm]:	ø500/110	Light distribution type:	lambertian
Impact resistance:	IK08	Manual:	Download PDF
Ingress protection:	IP20	Warranty [years]:	5
	-	Plik LDT:	<u>Download</u>

#### 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%

CE Certificate CE - Nr: 389/2023

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

