

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

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	462337
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 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

Light source:	LED module	Mounting version:	surface
Nominal power [W]:	45	Working temperature [°C]:	from -25 to +35
Rated power of the luminaire [W]:	47	Motion sensor:	yes
Supply voltage [V]:	220-240	Net weight [kg]:	3.600
Frequency [Hz]:	50 - 60	Warranty [years]:	5
Luminous flux [lm]:	5100	CE certificate:	<a href="#">389/2023</a>
Luminous efficacy [lm/W]:	109	Index:	462337
Energy efficiency class:	E	EAN:	5905963462337
Electrical protection class:	I	Category type:	bulkheads
Colour temperature [K]:	3000	LED lifespan L70B50 [h]:	90000
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral 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:	<a href="#">Download PDF</a>
Ingress protection:	IP20	Warranty [years]:	5

### 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).



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