

# PHOBOS LED 5500LM 840 IP20 I KL. OPAL (45W) 500MM

DETAILED CARD



## TECHNICAL PARAMETERS

Index:	462306
Ingress protection:	IP20
Impact resistance:	IK08
Nominal power [W]:	45
Luminous flux [lm]*:	5500
Colour temperature [K]:	4000
SDCM:	≤ 3
Energy efficiency class:	D
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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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	Net weight [kg]:	3.600
Supply voltage [V]:	220-240	Warranty [years]:	5
Frequency [Hz]:	50 - 60	CE certificate:	<a href="#">389/2023</a>
Luminous flux [lm]:	5500	Index:	462306
Luminous efficacy [lm/W]:	117	EAN:	5905963462306
Energy efficiency class:	D	Category type:	bulkheads
Electrical protection class:	I	LED lifespan L70B50 [h]:	90000
Colour temperature [K]:	4000	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	Plik LDT:	<a href="#">Download</a>

## 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



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