

# PHOBOS LED 3500LM 840 IP20 I KL. AW 3H OPAL (28W) 500MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	462504
<b>Ingress protection:</b>	IP20
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	28
<b>Luminous flux [lm]*:</b>	3500
<b>Colour temperature [K]:</b>	4000
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	D
<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.

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Light source:	LED module	Working temperature [°C]:	from -25 to +35
Nominal power [W]:	28	Net weight [kg]:	3.800
Rated power of the luminaire [W]:	30	Warranty [years]:	2 / 0.5 (bateria)
Supply voltage [V]:	220-240	CE certificate:	<a href="#">389/2023</a>
Frequency [Hz]:	50 - 60	Index:	462504
Luminous flux [lm]:	3500	EAN:	5905963462504
Luminous efficacy [lm/W]:	117	Category type:	bulkheads
Energy efficiency class:	D	LED lifespan L70B50 [h]:	90000
Electrical protection class:	I	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Colour temperature [K]:	4000	Diffuser colour:	white
Colour rendering index:	80	Optics material:	PC
SDCM:	≤ 3	Optics:	matrix lens
Power factor:	0.96	Mounting dimensions [mm]:	ø418
Diffuser material:	PS	Emergency lighting [h]:	3
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	Autotest:	yes
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]:	2 / 0.5 (battery)
Mounting version:	surface		

## LIGHT CURVES

