

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

DETAILED CARD



TECHNICAL PARAMETERS

Index:	462290
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:	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.

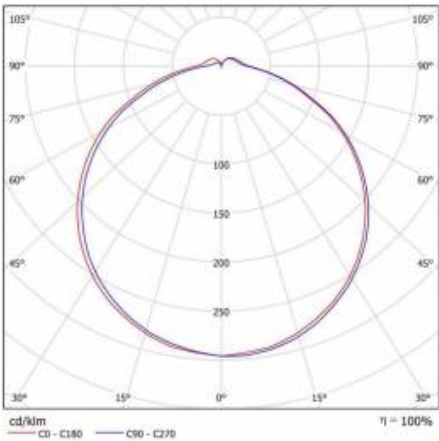
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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	53	Working temperature [°C]:	from -25 to +35
Light source:	LED module	DIMM DALI:	yes
Colour temperature [K]:	3000	Net weight [kg]:	3.700
Luminous flux [lm]:	5850	Warranty [years]:	5
Rated power of the luminaire [W]:	55	CE certificate:	389/2023
Supply voltage [V]:	220-240	Index:	462290
Diffuser type:	OPAL	EAN:	5905963462290
Frequency [Hz]:	50 - 60	Category type:	bulkheads
Luminous efficacy [lm/W]:	106	LED lifespan L70B50 [h]:	90000
Energy efficiency class:	E	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Electrical protection class:	I	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	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:	Download PDF
Impact resistance:	IK08	Warranty [years]:	5
Ingress protection:	IP20	Plik LDT:	Download
Mounting version:	surface		

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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