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 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.

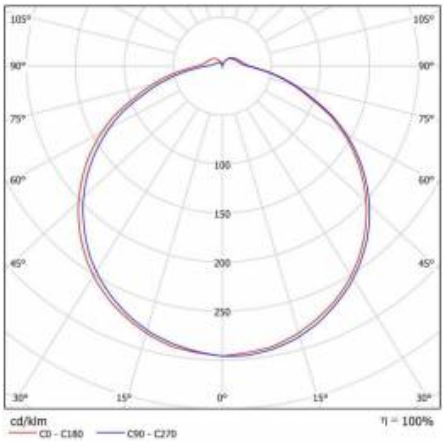
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TECHNICAL PARAMETERS TABLE

Light source:	LED module	**Working temperature [°C]:**	from -25 to +35
Nominal power [W]:	53	**DIMM DALI:**	yes
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:**	389/2023
Luminous flux [lm]:	5850	**Index:**	462290
Luminous efficacy [lm/W]:	106	**EAN:**	5905963462290
Energy efficiency class:	E	**Category type:**	bulkheads
Electrical protection class:	I	**LED lifespan L70B50 [h]:**	90000
Colour temperature [K]:	3000	**Photobiological safety:**	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Color rendering index (Ra) >:	80		
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
Mounting version:	surface	**Plik LDT:**	Download

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 389/2023

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