

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

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|--------------------------|---------------------|
| Index: | 462252 |
| 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

| | | | |
|-----------------------------------|---------------------|--------------------------------|---|
| Light source: | LED module | Mounting version: | surface |
| Nominal power [W]: | 53 | Working temperature [°C]: | from -25 to +35 |
| 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: | 462252 |
| Luminous efficacy [lm/W]: | 106 | EAN: | 5905963462252 |
| 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) |
| 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: | Download PDF |
| Impact resistance: | IK08 | Warranty [years]: | 5 |
| Ingress protection: | IP20 | 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 389/2023



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