PHOBOS LED 3500LM 840 IP20 I KL. DALI OPAL (28W) 500MM

DETAILED CARD





TECHNICAL PARAMETERS

| Index: | 462481 |
|--------------------------|---------------------|
| Ingress protection: | IP20 |
| Impact resistance: | IK08 |
| Nominal power [W]: | 28 |
| Luminous flux [lm]*: | 3500 |
| 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 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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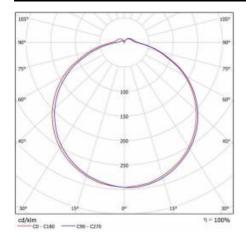
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| Light source: | LED module |
|-----------------------------------|---------------------|
| Nominal power [W]: | 28 |
| Rated power of the luminaire [W]: | 30 |
| Supply voltage [V]: | 220-240 |
| Frequency [Hz]: | 50 - 60 |
| Luminous flux [lm]: | 3500 |
| Luminous efficacy [lm/W]: | 117 |
| Energy efficiency class: | D |
| Electrical protection class: | 1 |
| Colour temperature [K]: | 4000 |
| Colour rendering index: | 80 |
| SDCM: | ≤3 |
| Power factor: | 0.96 |
| Diffuser material: | PS |
| Diffuser type: | OPAL |
| Material of the body: | powder coated steel |
| Colour of the body: | white |
| Dimensions (H/W/T/S) [mm]: | ø500/110 |
| Impact resistance: | IK08 |
| Ingress protection: | IP20 |
| Mounting version: | surface |
| | |

| | 1 |
|--------------------------------|---|
| Working temperature [°C]: | from -25 to +35 |
| DIMM DALI: | yes |
| Net weight [kg]: | 3.600 |
| Warranty [years]: | 5 |
| CE certificate: | 389/2023 |
| Index: | 462481 |
| EAN: | 5905963462481 |
| Category type: | bulkheads |
| LED lifespan L70B50 [h]: | 90000 |
| Photobiological safety: | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Diffuser colour: | white |
| Optics material: | PC |
| Optics: | matrix lens |
| Mounting dimensions [mm]: | ø418 |
| Dimensions of single box [mm]: | 515/515/115 |
| Version: | LV |
| Light distribution type: | lambertian |
| Manual: | <u>Download PDF</u> |
| Warranty [years]: | 5 |
| Plik LDT: | <u>Download</u> |

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%

