

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

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |                     |
|---------------------------------|---------------------|
| <b>Index:</b>                   | 462467              |
| <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.

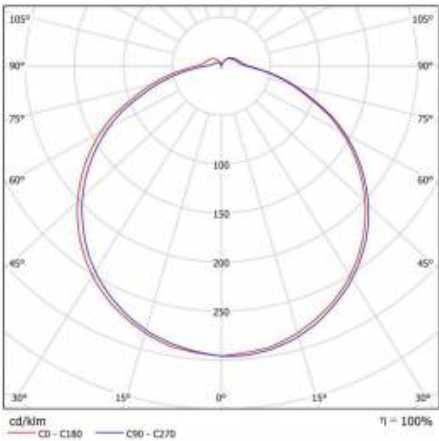
# PHOBOS LED 3500LM 840 IP20 I KL. RCR OPAL (28W) 500MM

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |                     |                                |                                                                             |
|-----------------------------------|---------------------|--------------------------------|-----------------------------------------------------------------------------|
| Nominal power [W]:                | 28                  | Working temperature [°C]:      | from -25 to +35                                                             |
| Light source:                     | LED module          | Net weight [kg]:               | 3.600                                                                       |
| Colour temperature [K]:           | 4000                | Warranty [years]:              | 5                                                                           |
| Luminous flux [lm]:               | 3500                | CE certificate:                | <a href="#">389/2023</a>                                                    |
| Rated power of the luminaire [W]: | 30                  | Index:                         | 462467                                                                      |
| Supply voltage [V]:               | 220-240             | EAN:                           | 5905963462467                                                               |
| Diffuser type:                    | OPAL                | Category type:                 | bulkheads                                                                   |
| Frequency [Hz]:                   | 50 - 60             | LED lifespan L70B50 [h]:       | 90000                                                                       |
| Luminous efficacy [lm/W]:         | 117                 | Photobiological safety:        | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Energy efficiency class:          | D                   | Diffuser colour:               | white                                                                       |
| Electrical protection class:      | I                   | Optics material:               | PC                                                                          |
| Colour rendering index:           | >80                 | Optics:                        | matrix lens                                                                 |
| SDCM:                             | ≤ 3                 | Mounting dimensions [mm]:      | ø418                                                                        |
| Power factor:                     | 0.96                | Dimensions of single box [mm]: | 515/515/115                                                                 |
| Diffuser material:                | PS                  | Version:                       | LV                                                                          |
| Material of the body:             | powder coated steel | Light distribution type:       | lambertian                                                                  |
| Colour of the body:               | white               | Manual:                        | <a href="#">Download PDF</a>                                                |
| Dimensions (H/W/T/S) [mm]:        | ø500/110            | Warranty [years]:              | 5                                                                           |
| Impact resistance:                | IK08                | Plik LDT:                      | <a href="#">Download</a>                                                    |
| Ingress protection:               | IP20                |                                |                                                                             |
| Mounting version:                 | surface             |                                |                                                                             |
| Motion sensor:                    | yes                 |                                |                                                                             |

## 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



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)