

# VESPO LED 1441MM RCR 6600LM PRM IP44 830 (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |                     |
|---------------------------------|---------------------|
| <b>Index:</b>                   | 642982              |
| <b>Ingress protection:</b>      | IP44                |
| <b>Impact resistance:</b>       | IK07                |
| <b>Nominal power [W]:</b>       | 48                  |
| <b>Luminous flux [lm]*:</b>     | 6600                |
| <b>Colour temperature [K]:</b>  | 3000                |
| <b>Colour rendering index:</b>  | >80                 |
| <b>SDCM:</b>                    | ≤ 3                 |
| <b>Energy efficiency class:</b> | D                   |
| <b>Material of the body:</b>    | powder coated steel |

## CHARACTERISTICS

Surface mounted luminaire made of powder coated white steel with prismatic or prismatic mat PC diffuser providing soft & uniform light. Equipped with LED modules with high luminous efficacy and SDCM <3. The luminaire in standard version has a 5 pole terminal block, that enables quick through-wiring, and strain relief.

Available versions:

- motion sensor (RCR),
- DALI,
- through-wiring (LS2),
- emergency module.

## APPLICATION

Multi-purpose LED luminaire designed for indoor application. Especially recommended for public rooms and corridors (administration buildings, schools, universities and health care buildings).

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## TECHNICAL PARAMETERS TABLE

|  |                     |                                  |   |
|--|---------------------|----------------------------------|---|
| <b>Nominal power [W]:</b>                | 48                  | <b>Colour of the body:</b>       | white   |
| <b>Light source:</b>                     | LED module          | <b>Mounting dimensions [mm]:</b> | 1330  |
| <b>Colour temperature [K]:</b>           | 3000                | <b>Impact resistance:</b>        | IK07  |
| <b>Rated power of the luminaire [W]:</b> | 53.10               | <b>Ingress protection:</b>       | IP44  |
| <b>Luminous flux [lm]:</b>               | 6600                | <b>Mounting version:</b>         | surface   |
| <b>Supply voltage [V]:</b>               | 220-240             | <b>Working temperature [°C]:</b> | from -20 to +35   |
| <b>Diffuser type:</b>                    | PRM                 | <b>Accessories included:</b>     | Mounting pads (2 pcs. )   |
| <b>Frequency [Hz]:</b>                   | 50 - 60             | <b>Net weight [kg]:</b>          | 2.800   |
| <b>Motion sensor:</b>                    | 1                   | <b>Index:</b>                    | 642982  |
| <b>Luminous efficacy [lm/W]:</b>         | 124                 | <b>EAN:</b>                      | 5905963642982   |
| <b>Operating mode:</b>                   | M                   | <b>Category type:</b>            | battens   |
| <b>Energy efficiency class:</b>          | D                   | <b>Dusk sensor:</b>              | 1   |
| <b>Electrical protection class:</b>      | I                   | <b>AC voltage range [V]:</b>     | 198 – 264   |
| <b>Dimensions (H/W/T/S) [mm]:</b>        | 1441/124/60         | <b>DC voltage range [V]:</b>     | 176 – 280   |
| <b>Colour rendering index:</b>           | >80                 | <b>LED lifespan L70B50 [h]:</b>  | 116000  |
| <b>SDCM:</b>                             | ≤ 3                 | <b>LED lifespan L80B20 [h]:</b>  | 72000   |
| <b>Power factor:</b>                     | 0.97                | <b>LED lifespan L90B10 [h]:</b>  | 31000   |
| <b>Max load (RCR) [W]:</b>               | 400                 | <b>Photobiological safety:</b>   | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| <b>Diffuser material:</b>                | PC                  | <b>Warranty [years]:</b>         | 5   |
| <b>Material of the body:</b>             | powder coated steel | <b>CE certificate:</b>           | <a href="#">332/2023</a>  |
|  |                     | <b>PZH certificate:</b>          | <a href="#">B-BK-60212-0278/20</a>  |
|  |                     | <b>Manual:</b>                   | <a href="#">Download PDF</a>  |
|  |                     | <b>Plik LDT:</b>                 | <a href="#">Pobierz</a>   |

Card creation date:13 March 2024

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: 332/2023