# VESPO LED 1441MM LS2 7850LM PRM MAT IP44 830 (71W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 643101 |
| **Ingress protection:** | IP44 |
| **Impact resistance:** | IK07 |
| **Nominal power [W]:** | 71 |
| **Luminous flux [lm]*:** | 7850 |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | E |
| **Material of the body:** | 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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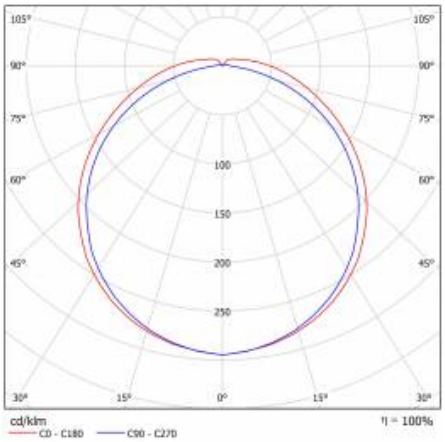
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Light source:** | LED module |
| **Nominal power [W]:** | 71 |
| **Rated power of the luminaire [W]:** | 78 |
| **Supply voltage [V]:** | 220-240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 7850 |
| **Luminous efficacy [lm/W]:** | 100 |
| **Energy efficiency class:** | E |
| **Electrical protection class:** | I |
| **Colour temperature [K]:** | 3000 |
| **Color rendering index (Ra) >:** | 80 |
| **SDCM:** | 3 |
| **Power factor:** | 0.98 |
| **Diffuser material:** | PC |
| **Diffuser type:** | PRM MAT |
| **Diffuser colour:** | white |
| **Material of the body:** | powder coated steel |
| **Colour of the body:** | white |
| **Dimensions (H/W/T/S) [mm]:** | 1441/124/60 |
| **Mounting dimensions [mm]:** | 1330 |
| **Impact resistance:** | IK07 |
| **Ingress protection:** | IP44 |

| | |
|---|---|
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from -20 to +35 |
| **Wire type:** | 5x2,5 |
| **Accessories included:** | Mounting pads (2 pcs. ) |
| **Through wiring:** | LS2 |
| **Net weight [kg]:** | 3.100 |
| **Index:** | 643101 |
| **EAN:** | 5905963643101 |
| **Category type:** | battens |
| **Operating mode:** | M |
| **Dusk sensor:** | yes |
| **AC voltage range [V]:** | 198 – 264 |
| **DC voltage range [V]:** | 176 - 280 |
| **LED lifespan L70B50 [h]:** | 116000 |
| **LED lifespan L80B10 [h]:** | 72000 |
| **LED lifespan L90B10 [h]:** | 31000 |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Warranty [years]:** | 5 |
| **CE certificate:** | 332/2023 |
| **PZH certificate:** | B-BK-60212-0278/20 |
| **Manual:** | Download PDF |
| **Plik LDT:** | Download |

## LIGHT CURVES




Card creation date: 03 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: 332/2023

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