

# VESPO LED 1161MM RCR 5650LM PRM MAT IP44 830 (50W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |                     |
|--------------------------|---------------------|
| Index:                   | 642746              |
| Ingress protection:      | IP44                |
| Impact resistance:       | IK07                |
| Nominal power [W]:       | 50                  |
| Luminous flux [lm]*:     | 5650                |
| Colour temperature [K]:  | 3000                |
| Colour rendering index:  | >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).

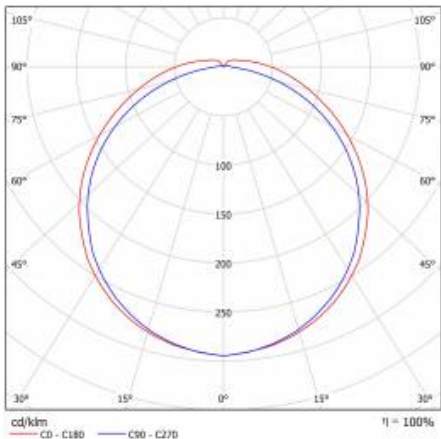
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## TECHNICAL PARAMETERS TABLE

|                                   |             |                           |                                                                             |
|-----------------------------------|-------------|---------------------------|-----------------------------------------------------------------------------|
| Nominal power [W]:                | 50          | Material of the body:     | powder coated steel                                                         |
| Light source:                     | LED module  | Colour of the body:       | white                                                                       |
| Colour temperature [K]:           | 3000        | Mounting dimensions [mm]: | 1060                                                                        |
| Rated power of the luminaire [W]: | 54.90       | Impact resistance:        | IK07                                                                        |
| Luminous flux [lm]:               | 5650        | Ingress protection:       | IP44                                                                        |
| Supply voltage [V]:               | 220-240     | Mounting version:         | surface                                                                     |
| Diffuser type:                    | PRM MAT     | Working temperature [°C]: | from -20 to +35                                                             |
| Frequency [Hz]:                   | 50 - 60     | Accessories included:     | Mounting pads (2 pcs. )                                                     |
| Motion sensor:                    | yes         | Net weight [kg]:          | 2.300                                                                       |
| Luminous efficacy [lm/W]:         | 102         | Index:                    | 642746                                                                      |
| Operating mode:                   | M           | EAN:                      | 5905963642746                                                               |
| Energy efficiency class:          | E           | Category type:            | battens                                                                     |
| Electrical protection class:      | I           | Dusk sensor:              | yes                                                                         |
| Dimensions (H/W/T/S) [mm]:        | 1161/124/60 | AC voltage range [V]:     | 198 – 264                                                                   |
| Colour rendering index:           | >80         | DC voltage range [V]:     | 176 – 280                                                                   |
| SDCM:                             | ≤ 3         | LED lifespan L70B50 [h]:  | 116000                                                                      |
| Power factor:                     | 0.97        | LED lifespan L80B20 [h]:  | 72000                                                                       |
| Max load (RCR) [W]:               | 400         | LED lifespan L90B10 [h]:  | 31000                                                                       |
| Diffuser material:                | PC          | Photobiological safety:   | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Diffuser colour:                  | white       | Warranty [years]:         | 5                                                                           |
|                                   |             | CE certificate:           | <a href="#">332/2023</a>                                                    |
|                                   |             | PZH certificate:          | <a href="#">B-BK-60212-0278/20</a>                                          |
|                                   |             | Manual:                   | <a href="#">Download PDF</a>                                                |
|                                   |             | Plik LDT:                 | <a href="#">Download</a>                                                    |

## 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 and electronic waste equipment regulations (WEEE).

 Certificate CE - Nr: 332/2023



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