

# VESPO LED 1441MM DALI 6100LM PRM MAT IP44 840 (48W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |                     |
|--------------------------|---------------------|
| Index:                   | 642661              |
| Ingress protection:      | IP44                |
| Impact resistance:       | IK07                |
| Nominal power [W]:       | 48                  |
| Luminous flux [lm]*:     | 6100                |
| Colour temperature [K]:  | 4000                |
| Colour rendering index:  | 80                  |
| SDCM:                    | ≤ 3                 |
| Energy efficiency class: | D                   |
| 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).

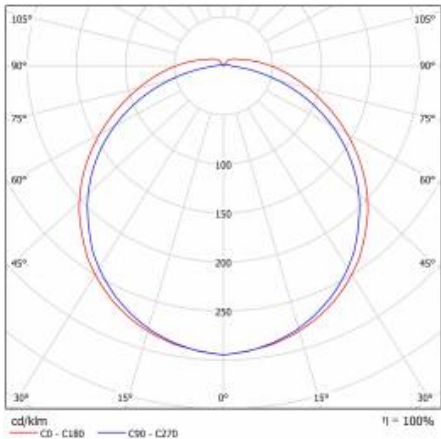
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## TECHNICAL PARAMETERS TABLE

|                                   |                     |                           |   |
|-----------------------------------|---------------------|---------------------------|---|
| Light source:                     | LED module          | Ingress protection:       | IP44  |
| Nominal power [W]:                | 48                  | Mounting version:         | surface   |
| Rated power of the luminaire [W]: | 53.10               | Working temperature [°C]: | from -20 to +35   |
| Supply voltage [V]:               | 220-240             | DIMM DALI:                | yes   |
| Frequency [Hz]:                   | 50 - 60             | Accessories included:     | Mounting pads (2 pcs. )   |
| Luminous flux [lm]:               | 6100                | Net weight [kg]:          | 2.800   |
| Luminous efficacy [lm/W]:         | 114                 | Index:                    | 642661  |
| Energy efficiency class:          | D                   | EAN:                      | 5905963642661   |
| Electrical protection class:      | I                   | Category type:            | battens   |
| Colour temperature [K]:           | 4000                | Operating mode:           | M   |
| Colour rendering index:           | 80                  | AC voltage range [V]:     | 198 – 264   |
| SDCM:                             | ≤ 3                 | DC voltage range [V]:     | 176 – 280   |
| Power factor:                     | 0.97                | LED lifespan L70B50 [h]:  | 116000  |
| Diffuser material:                | PC                  | LED lifespan L80B20 [h]:  | 72000   |
| Diffuser type:                    | PRM MAT             | LED lifespan L90B10 [h]:  | 31000   |
| Diffuser colour:                  | white               | Photobiological safety:   | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Material of the body:             | powder coated steel | Warranty [years]:         | 5   |
| Colour of the body:               | white               | CE certificate:           | <a href="#">332/2023</a>  |
| Dimensions (H/W/T/S) [mm]:        | 1441/124/60         | PZH certificate:          | <a href="#">B-BK-60212-0278/20</a>  |
| Mounting dimensions [mm]:         | 1330                | Manual:                   | <a href="#">Download PDF</a>  |
| Impact resistance:                | IK07                | 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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