

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

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	642777
<b>Ingress protection:</b>	IP44
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	48
<b>Luminous flux [lm]*:</b>	6100
<b>Colour temperature [K]:</b>	4000
<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).

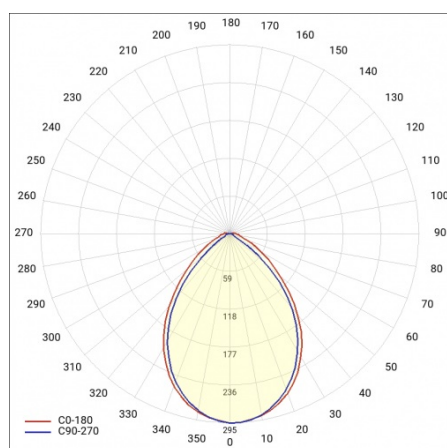
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## TECHNICAL PARAMETERS TABLE

<b>Nominal power [W]:</b>	48	<b>Material of the body:</b>	powder coated steel
<b>Light source:</b>	LED module	<b>Colour of the body:</b>	white
<b>Colour temperature [K]:</b>	4000	<b>Mounting dimensions [mm]:</b>	1330
<b>Rated power of the luminaire [W]:</b>	53.10	<b>Impact resistance:</b>	IK07
<b>Luminous flux [lm]:</b>	6100	<b>Ingress protection:</b>	IP44
<b>Supply voltage [V]:</b>	220-240	<b>Mounting version:</b>	surface
<b>Diffuser type:</b>	PRM MAT	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Frequency [Hz]:</b>	50 - 60	<b>Accessories included:</b>	Mounting pads (2 pcs. )
<b>Motion sensor:</b>	yes	<b>Net weight [kg]:</b>	2.800
<b>Luminous efficacy [lm/W]:</b>	114	<b>Index:</b>	642777
<b>Operating mode:</b>	M	<b>EAN:</b>	5905963642777
<b>Energy efficiency class:</b>	D	<b>Category type:</b>	battens
<b>Electrical protection class:</b>	I	<b>Dusk sensor:</b>	yes
<b>Dimensions (H/W/T/S) [mm]:</b>	1441/124/60	<b>AC voltage range [V]:</b>	198 – 264
<b>Colour rendering index:</b>	>80	<b>DC voltage range [V]:</b>	176 – 280
<b>SDCM:</b>	≤ 3	<b>LED lifespan L70B50 [h]:</b>	116000
<b>Power factor:</b>	0.97	<b>LED lifespan L80B20 [h]:</b>	72000
<b>Max load (RCR) [W]:</b>	400	<b>LED lifespan L90B10 [h]:</b>	31000
<b>Diffuser material:</b>	PC	<b>Photobiological safety:</b>	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
<b>Diffuser colour:</b>	white	<b>Warranty [years]:</b>	5
		<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="#">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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