

# VECTOR 3 LED VD 1441MM 7700LM PRM MAT IP40 840 (77W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	661020
<b>Ingress protection:</b>	IP40
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	77
<b>Luminous flux [lm]*:</b>	7700
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	Raw steel sheet, powder coated

## 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 the standard version has a 5 pole terminal block, that enables quick through-wiring, and strain relief.

Available versions:  
- motion sensor (RCR).

## APPLICATION

Multi-purpose LED luminaire designed for indoor application. Especially recommended for public rooms and corridors (administration buildings, schools, universities and health care buildings). The luminaire is intended for general areas inside buildings – store rooms and storage rack areas as well as cold stores included in tables 5.4 and 5.5 of the EN12464 standard; for indoor traffic zones included in table 5.1 of the EN12464 standard and for parking areas and as lighting of railway installations included in table 5.34 and 5.53 of the EN12464 standard, excluding ticket and luggage offices, counters, waiting rooms, entrance halls and lounges.

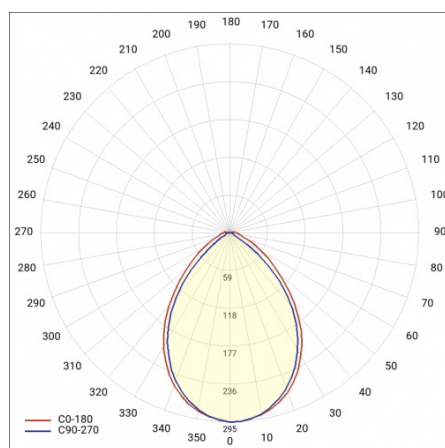
# VECTOR 3 LED VD 1441MM 7700LM PRM MAT IP40 840 (77W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	77	Mounting dimensions [mm]:	1330
Light source:	LED module	Impact resistance:	IK07
Colour temperature [K]:	4000	Ingress protection:	IP40
Rated power of the luminaire [W]:	90	Mounting version:	surface
Luminous flux [lm]:	7700	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220-240	Net weight [kg]:	1.900
Diffuser type:	PRM MAT	Warranty [years]:	5
Frequency [Hz]:	50 - 60	CE certificate:	<a href="#">311/2023</a>
Dimensions (H/W/T/S) [mm]:	1441/126/60	Index:	661020
Luminous efficacy [lm/W]:	85	EAN:	5905963661020
Energy efficiency class:	F	Category type:	battens
Electrical protection class:	I	AC voltage range [V]:	207 - 253
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	LED lifespan L70B50 [h]:	135000
Power factor:	0.99	LED lifespan L80B20 [h]:	85000
Surge protection [kV]:	2	LED lifespan L90B10 [h]:	40000
Diffuser material:	PC	Warranty [years]:	5
Diffuser colour:	mat	Manual:	<a href="#">Download PDF</a>
Material of the body:	Raw steel sheet, powder coated	PZH certificate:	<a href="#">B-BK-60212-0019/20</a>
Colour of the body:	white	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: 311/2023



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl