

# COMPACT LED EVO N 5450LM PLX II KL IP20 1200X250 830 (50W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP20
<b>Nominal power [W]:</b>	50
<b>Luminous flux [lm]*:</b>	5450
<b>Color rendering index (Ra) &gt;:</b>	80
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PS
<b>Diffuser type:</b>	OPAL

## CHARACTERISTICS

Compact LED luminaire designed for surface mounting or modular ceilings. Equipped with energy-saving LED modules and an evenly highlighted opal diffuser, providing low glare. Made of plastic. Assembly or electrical connection does not require removing the diffuser. Standard Deviation Colour Matching (SDCM):  $\leq 3$ . COMPACT LED EVO N 1200x250 with nPRM nano-prismatic diffuser, can be used wherever low UGR is required.

## APPLICATION

This luminaire is designed for indoor use in offices or general utility rooms. It can be used as the main light source and it is particularly well-suited to be used as a light source for workplaces that require eyesight focus. The luminaire is used both in new applications, as well as it can replace traditional fluorescent luminaires with energy-saving LED solutions.

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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	905933	<b>Dimensions (H/W/T/S) [mm]:</b>	1195/250/66
<b>EAN:</b>	5905963905933	<b>Ingress protection:</b>	IP20
<b>Light source:</b>	LED module	<b>Mounting version:</b>	surface mounted; recessed mounted in modular ceiling possible
<b>Nominal power [W]:</b>	50	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Supply voltage [V]:</b>	220-240	<b>Net weight [kg]:</b>	2.300
<b>Frequency [Hz]:</b>	50 - 60	<b>Category type:</b>	troffers
<b>Luminous flux [lm]:</b>	5450	<b>LED lifespan L70B50 [h]:</b>	115000
<b>Luminous efficacy [lm/W]:</b>	103	<b>LED lifespan L80B10 [h]:</b>	72000
<b>Energy efficiency class:</b>	E	<b>LED lifespan L90B10 [h]:</b>	35000
<b>Electrical protection class:</b>	II	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Colour temperature [K]:</b>	3000	<b>Warranty [years]:</b>	5
<b>Color rendering index (Ra) &gt;:</b>	80	<b>CE certificate:</b>	<a href="#">361/2023</a>
<b>SDCM:</b>	3	<b>ENEC Certificate:</b>	
<b>Power factor:</b>	0.95	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Diffuser material:</b>	PS	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser type:</b>	OPAL	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Material of the body:</b>	ABS	<b>Plik LDT:</b>	<a href="#">Download</a>
<b>Colour of the body:</b>	white		

Card creation date: 28 April 2026

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: 361/2023