

# COMPACT LED EVO P 4450LM PLX II KL IP65/IP20 595X595 830 (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP65/20
<b>Nominal power [W]:</b>	42
<b>Luminous flux [lm]*:</b>	4450
<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>	PC
<b>Diffuser type:</b>	OPAL
<b>Mounting version:</b>	recessed

## CHARACTERISTICS

Compact LED luminaire designed for installation in modular ceilings or surface mounting. Equipped with energy-saving LED panels and an evenly highlighted opal diffuser, providing low glare (UGR<19)\*. Made of plastic. Assembly or electrical connection does not require removing the diffuser.

\* The UGR coefficient is met for the typical use of the luminaire

## 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. The fitting's design is suitable for mounting in 600x600 modular ceilings.

[COMPACT LED product site](#)

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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	631146	<b>Colour of the body:</b>	white
<b>EAN:</b>	5905963631146	<b>Dimensions (H/W/T/S) [mm]:</b>	71/595/595/0
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP65/20
<b>Nominal power [W]:</b>	42	<b>Mounting version:</b>	recessed
<b>Rated power of the luminaire [W]:</b>	43	<b>Working temperature [°C]:</b>	from -20 to +25
<b>Supply voltage [V]:</b>	220-240	<b>Number on the palette [pcs]:</b>	60
<b>Frequency [Hz]:</b>	50 - 60	<b>Net weight [kg]:</b>	2.280
<b>Luminous flux [lm]:</b>	4450	<b>Category type:</b>	troffers
<b>Luminous efficacy [lm/W]:</b>	103	<b>AC voltage range [V]:</b>	198 - 264
<b>Energy efficiency class:</b>	E	<b>LED lifespan L70B50 [h]:</b>	125000
<b>Electrical protection class:</b>	II	<b>LED lifespan L80B10 [h]:</b>	82000
<b>Colour temperature [K]:</b>	3000	<b>LED lifespan L90B10 [h]:</b>	40000
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Impact resistance:</b>	IK07
<b>SDCM:</b>	3	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Power factor:</b>	0.90	<b>Warranty [years]:</b>	5
<b>Beam angle [°]:</b>	120	<b>CE certificate:</b>	<a href="#">62/2020</a>
<b>Diffuser material:</b>	PC	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Diffuser type:</b>	OPAL	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser colour:</b>	white	<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>

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
630033	Plasterboard mounting brackets (4 pcs)
904349	Safety suspension (modular ceiling)
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"
998973	Frame steel white gloss RAL9016 600x600 SM "well effect"



Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



Frame adapter KG 635x635 WHITE (374845)



Frame steel white structure RAL9016 600x600 SM "well effect" (998966)



Frame steel white gloss RAL9016 600x600 SM "well effect" (998973)

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: 62/2020