

COMPACT LED EVO P 4450LM PLX II KL IP54/IP20 595X595 830 (42W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	630897
Ingress protection:	IP54/20
Impact resistance:	IK07
Nominal power [W]:	42
Luminous flux [lm]*:	4450
Colour temperature [K]:	3000
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	ABS

CHARACTERISTICS

Compact LED luminaire designed for recessed installation in modular and plasterboard ceilings. Equipped with energy-saving LED panels and an evenly highlighted opal or prismatic 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 or 625x625 modular ceilings.

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TECHNICAL PARAMETERS TABLE

Nominal power [W]:	42	Colour of the body:	white
Index:	630897	Impact resistance:	IK07
Colour temperature [K]:	3000	Ingress protection:	IP54/20
Light source:	LED module	Mounting version:	recessed
Luminous flux [lm]:	4450	Net weight [kg]:	2
Diffuser type:	OPAL	CE certificate:	358/2023
Rated power of the luminaire [W]:	43	PZH certificate:	B-BK-60212-0070/20 B-BK-60212-0042/20 B-BK-60212-0620/20
Frequency [Hz]:	50 - 60	Category type:	louvres
Electrical protection class:	II	LED lifespan L70B50 [h]:	125000
Luminous efficacy [lm/W]:	103	LED lifespan L80B20 [h]:	82000
Dimensions (H/W/T/S) [mm]:	595/595/71	LED lifespan L90B10 [h]:	40000
Energy efficiency class:	E	Warranty [years]:	5
SDCM:	≤ 3	Power factor:	0.95
Diffuser material:	PC	ETIM class:	EC002892
Material of the body:	ABS	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
		Warranty [years]:	5
		Manual:	Download PDF

LIGHT CURVES



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ACCESSORIES AVAILABLE

index	Name
630033	Plasterboard mounting brackets (4 pcs)
904349	Safety suspension (modular ceiling)
999543	Plasterboard recessing kit 630x630 white (steel version)
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"



Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



Plasterboard recessing kit 630x630 white (steel version) (999543)



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

Card creation date: 14 March 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: 358/2023