

# COMPACT LED EVO P 42W 840 OPAL II KL

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	628481
<b>Ingress protection:</b>	IP44/20
<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	42
<b>Luminous flux [lm]*:</b>	4800
<b>Colour temperature [K]:</b>	4000
<b>Colour rendering index:</b>	>80
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	E
<b>Material of the body:</b>	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.

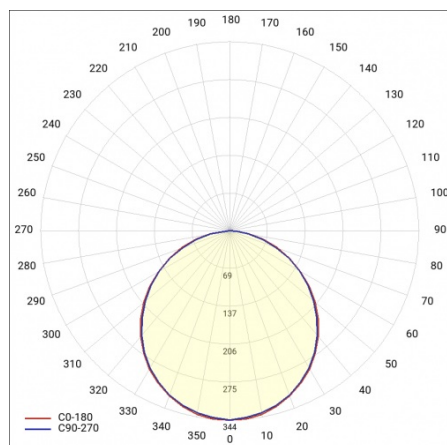
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## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	42	Ingress protection:	IP44/20
Index:	628481	Mounting version:	recessed
Colour temperature [K]:	4000	Working temperature [°C]:	from -20 to +35
Light source:	LED module	Net weight [kg]:	2.200
Luminous flux [lm]:	4800	CE certificate:	<a href="#">455/2023</a>
Diffuser type:	OPAL	PZH certificate:	<a href="#">B-BK-60212-0070/20 B-BK-60212-0042/20 B-BK-60212-0620/20</a>
Rated power of the luminaire [W]:	43	EAN:	5905963628481
Supply voltage [V]:	220-240	Category type:	louvres
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	125000
Electrical protection class:	II	LED lifespan L80B20 [h]:	82000
Luminous efficacy [lm/W]:	111	LED lifespan L90B10 [h]:	40000
Dimensions (H/W/T/S) [mm]:	595/595/71	Warranty [years]:	5
Energy efficiency class:	E	Power factor:	0.95
Colour rendering index:	>80	ETIM class:	EC002892
SDCM:	≤ 3	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Diffuser material:	PC	Warranty [years]:	5
Material of the body:	ABS	Manual:	<a href="#">Download PDF</a>
Colour of the body:	white	Lumen maintenance after 50000h:	86
Impact resistance:	IK07	Lumen maintenance after 75000h:	80
		Lumen maintenance after 100000h:	86
		Plik LDT:	<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)
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: 455/2023