

# COMPACT LED EVO N 42W 840 OPAL II KL

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Ingress protection:</b>	IP20
<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
<b>Diffuser material:</b>	PC

## CHARACTERISTICS

Compact LED luminaire designed for surface mounting. Equipped with energy-saving LED modules 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.

## 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.

## DETAILS

The corridor function makes it possible to adapt the lighting intensity in objects to changing conditions. In practice, it automatically reduces the lamp's luminous flux from 100% to 10%. Automatic mode 10 to 100 (version with RCR Hytronik motion detector) The lamp constantly illuminates at 10% of its luminous flux. When the motion sensor detects movement in the preset detection field, the lamp lights up to 100% luminous flux and remains on for the preset time. After the preset operating time, the lamp switches to energy-saving mode and illuminates 10% of the luminous flux. It is possible to connect an ON/OFF switch to switch the lamp off completely.

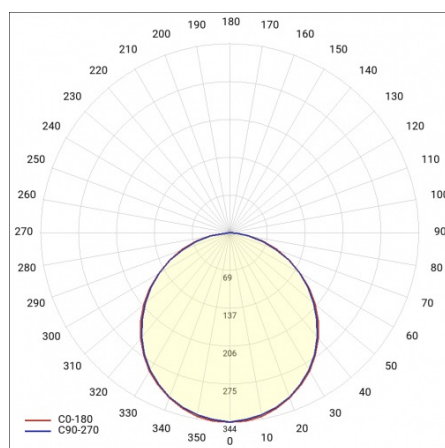
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### TECHNICAL PARAMETERS TABLE

Nominal power [W]:	42	Working temperature [°C]:	from -20 to +35
Index:	628085	Net weight [kg]:	2.800
Colour temperature [K]:	4000	CE certificate:	<a href="#">356/2023</a>
Light source:	LED module	PZH certificate:	<a href="#">B-BK-60212-0070/20 B-BK-60212-0042/20</a>
Luminous flux [lm]:	4800	EAN:	5905963628085
Diffuser type:	OPAL	Category type:	louvres
Rated power of the luminaire [W]:	43	LED lifespan L70B50 [h]:	125000
Supply voltage [V]:	220-240	LED lifespan L80B20 [h]:	82000
Frequency [Hz]:	50 - 60	LED lifespan L90B10 [h]:	40000
Luminous efficacy [lm/W]:	111	Warranty [years]:	5
Energy efficiency class:	E	Source luminous flux [lm]*:	6450
Electrical protection class:	II	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	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS	ENEC Certificate:	
Colour of the body:	white	Pliik LDT:	<a href="#">Download</a>
Dimensions (H/W/T/S) [mm]:	620/620/66		
Impact resistance:	IK07		
Ingress protection:	IP20		
Mounting version:	surface		

### LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
630279	Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special



Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special (630279)

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: 356/2023