

# COMPACT LED EVO N 42W 830 OPAL II KL AW3H

DETAILED CARD



## TECHNICAL PARAMETERS

Ingress protection:	IP20
Impact resistance:	IK07
Nominal power [W]:	42
Luminous flux [lm]*:	4450
Colour temperature [K]:	3000
Colour rendering index:	80
SDCM:	≤ 3
Energy efficiency class:	E
Material of the body:	ABS
Diffuser material:	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

Index:	628696	Impact resistance:	IK07
EAN:	5905963628696	Ingress protection:	IP20
Light source:	LED module	Mounting version:	surface
Nominal power [W]:	42	Working temperature [°C]:	from 0 to +35
Rated power of the luminaire [W]:	43	Emergency lighting [h]:	3
Supply voltage [V]:	220-240	Net weight [kg]:	2.800
Frequency [Hz]:	50 - 60	Category type:	troffers
Luminous flux [lm]:	4450	LED lifespan L70B50 [h]:	125000
Luminous efficacy [lm/W]:	103	LED lifespan L80B20 [h]:	82000
Energy efficiency class:	E	LED lifespan L90B10 [h]:	40000
Electrical protection class:	II	Power factor:	0.95
Colour temperature [K]:	3000	ETIM class:	EC002892
Colour rendering index:	80	Photobiological safety:	RG0 - exempt (no photobiological hazard)
SDCM:	≤ 3	Warranty [years]:	2 / 0.5 (bateria)
Diffuser material:	PC	CE certificate:	<a href="#">356/2023</a>
Diffuser type:	OPAL	ENEC Certificate:	
Material of the body:	ABS	PZH certificate:	<a href="#">B-BK-60212-0070/20</a> <a href="#">B-BK-60212-0042/20</a>
Colour of the body:	white	Manual:	<a href="#">Download PDF</a>
Dimensions (H/W/T/S) [mm]:	620/620/66		

## 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: 11 July 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