

COMPACT LED EVO N 42W 840 PRM II KL

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP20
Impact resistance:	IK07
Nominal power [W]:	42
Luminous flux [lm]*:	5750
Colour temperature [K]:	4000
Colour rendering index:	>80
SDCM:	≤ 3
Energy efficiency class:	D
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

Nominal power [W]:	42	Mounting version:	surface
Index:	628108	Working temperature [°C]:	from -20 to +35
Colour temperature [K]:	4000	Net weight [kg]:	2.800
Light source:	LED module	CE certificate:	356/2023
Luminous flux [lm]:	5750	PZH certificate:	B-BK-60212-0070/20 B-BK-60212-0042/20
Diffuser type:	PRM	Category type:	louvres
Rated power of the luminaire [W]:	43	LED lifespan L70B50 [h]:	122000
Supply voltage [V]:	220-240	LED lifespan L80B20 [h]:	80000
Frequency [Hz]:	50 - 60	LED lifespan L90B10 [h]:	38000
Luminous efficacy [lm/W]:	134	Warranty [years]:	5
Energy efficiency class:	D	Power factor:	0.95
Electrical protection class:	II	ETIM class:	EC002892
Colour rendering index:	>80	Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
SDCM:	≤ 3	Manual:	Download PDF
Diffuser material:	PC	ENEC Certificate:	
Material of the body:	ABS	Plik LDT:	Download
Colour of the body:	white		
Dimensions (H/W/T/S) [mm]:	620/620/66		
Impact resistance:	IK07		
Ingress protection:	IP20		

LIGHT CURVES



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TECHNICAL DETAILS



COMPACT LED EVO PRM

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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