COMPACT LED EVO N 42W 830 OPAL DALI I KL

DETAILED CARD



TECHNICAL PARAMETERS

Ingress protection:	IP20
Impact resistance:	IK07
Nominal power [W]:	42
Luminous flux [lm]*:	4450
Colour temperature [K]:	3000
Color rendering index (Ra) >:	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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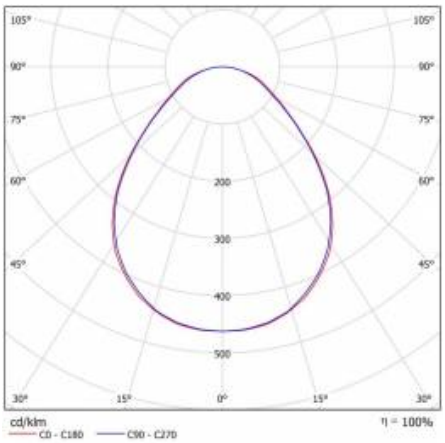
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	629419
EAN:	5905963629419
Light source:	LED module
Nominal power [W]:	42
Rated power of the luminaire [W]:	43
Supply voltage [V]:	220-240
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	4450
Luminous efficacy [lm/W]:	103
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K]:	3000
Color rendering index (Ra) >:	80
SDCM:	3
Diffuser material:	PC
Diffuser type:	OPAL
Material of the body:	ABS
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	620/620/66
Impact resistance:	IK07

Ingress protection:	IP20
Mounting version:	surface
Working temperature [°C]:	from -20 to +35
DIMM DALI:	yes
Net weight [kg]:	2.800
Category type:	troffers
LED lifespan L70B50 [h]:	125000
LED lifespan L80B10 [h]:	82000
LED lifespan L90B10 [h]:	40000
Power factor:	0.95
ETIM class:	EC002892
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	356/2023
ENEC Certificate:	PL BBJ/009/2021/M1
PZH certificate:	B-BK-60112-0326/2026
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Plik LDT:	Download

LIGHT CURVES

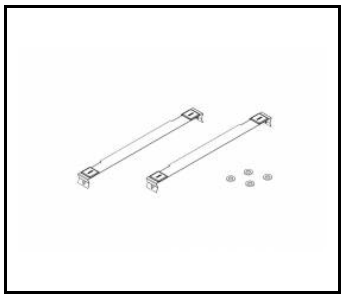


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ACCESSORIES AVAILABLE

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: 15 October 2026

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 356/2023

LENA LIGHTING

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