

# COMPACT LED EVO N 42W 840 OPAL DALI I 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>Color rendering index (Ra) &gt;:</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

<b>Index:</b>	629402	<b>Ingress protection:</b>	IP20
<b>EAN:</b>	5905963629402	<b>Mounting version:</b>	surface
<b>Light source:</b>	LED module	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Nominal power [W]:</b>	42	<b>DIMM DALI:</b>	yes
<b>Rated power of the luminaire [W]:</b>	43	<b>Net weight [kg]:</b>	2.800
<b>Supply voltage [V]:</b>	220-240	<b>Category type:</b>	troffers
<b>Frequency [Hz]:</b>	50 - 60	<b>LED lifespan L70B50 [h]:</b>	125000
<b>Luminous flux [lm]:</b>	4800	<b>LED lifespan L80B10 [h]:</b>	82000
<b>Luminous efficacy [lm/W]:</b>	111	<b>LED lifespan L90B10 [h]:</b>	40000
<b>Energy efficiency class:</b>	E	<b>Power factor:</b>	0.95
<b>Electrical protection class:</b>	I	<b>ETIM class:</b>	EC002892
<b>Colour temperature [K]:</b>	4000	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Warranty [years]:</b>	5
<b>SDCM:</b>	3	<b>CE certificate:</b>	<a href="#">356/2023</a>
<b>Diffuser material:</b>	PC	<b>ENEC Certificate:</b>	<a href="#">PL_BB/J/009/2021/M1</a>
<b>Diffuser type:</b>	OPAL	<b>Environmental Product Declaration (EPD):</b>	<a href="#">944/2026</a>
<b>Material of the body:</b>	ABS	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Colour of the body:</b>	white	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Dimensions (H/W/T/S) [mm]:</b>	620/620/66	<b>Pliik LDT:</b>	<a href="#">Download</a>
<b>Impact resistance:</b>	IK07		

## 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: 28 April 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 356/2023