COMPACT LED HYGIENIC N 620X620MM IOT BT PIR HYT DALI 3420LM TUNABLE WHITE 2700-6500K IP20 I CL. PLX WHITE

DETAILED CARD



TECHNICAL PARAMETERS

Index:	658846
Ingress protection:	IP20
Impact resistance:	IK07
Nominal power [W]:	32
Luminous flux [lm]*:	3420
Colour temperature [K] - range:	2700 - 6500
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	E
Material of the body:	ABS with the addition of silver ions (2%)

CHARACTERISTICS

Compact LED Hygienic IoT is a modified version of the proven COMPACT LED EVO model. The material composition of the diffuser and the body has been enriched with silver ions (2%). Silver ions effectively block the development of pathogens on the luminaire surface and reduce their amount (>99%) over 24 hours of contact. The effectiveness of reducing pathogens is confirmed by the BIOMASTER Certificate. The housing, especially the diffuser, has a slightly straw-colored shade due to the addition of silver ions to the plastic compared to the standard COMPACT LED EVO.

IoT characteristics

Variants available:
IoT BT PIR HYT DALI: **Bluetooth HYT** module controlled in the Lena Lighting Clue app, **PIR** motion and light sensor, **DALI** driver enabling dimming of the light source.
IoT BT RCR HYT DALI: **Bluetooth HYT** module controlled in the Lena Lighting Clue app, **RCR** motion and light sensor, **DALI** driver enabling dimming of the light source.

APPLICATION

Is designed for rooms requiring special protection against pathogens, such as hospitals, patient rooms, medical clinics. The luminaire has received a certificate confirming that it is suitable for use in clean rooms with a stated air cleanliness class ISO 3 - 9 according to CLEANROOM ISO 14644-1:2015.

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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	658846
EAN:	5905963658846
Light source:	LED module
Nominal power [W]:	32
Rated power of the luminaire [W]:	32
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	3420
Luminous efficacy [lm/W]:	107
Energy efficiency class:	E
Electrical protection class:	I
Colour temperature [K] - range:	2700 - 6500
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.95
Beam angle [°]:	120
Diffuser material:	PC with the addition of silver ions (2%)
Material of the body:	ABS with the addition of silver ions (2%)
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
PIR:	yes
DIMM DALI:	yes
Number on the palette [pcs]:	50
Net weight [kg]:	3.890
Category type:	troffers
Version:	BT PIR HYT DALI
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	132000
LED lifespan L80B10 [h]:	84000
LED lifespan L90B10 [h]:	42000
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
CE certificate:	247/2023
Environmental Product Declaration (EPD):	944/2026
PZH certificate:	B-BK-60112-0326/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015, 45001:2018, 50001:2018, ISO 3 - 9 (ISO 14644-1:2015)

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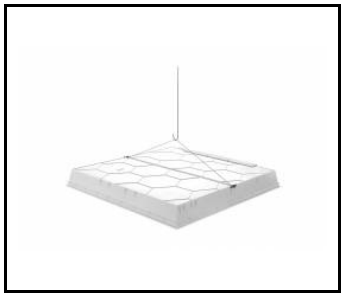
DETAILED CARD

ACCESSORIES AVAILABLE

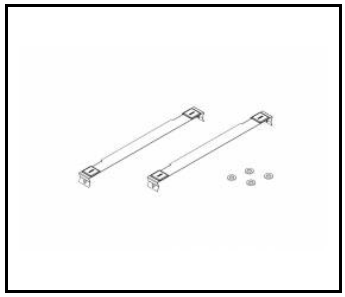
index	Name
630033	Plasterboard mounting brackets (4 pcs)
904349	Safety suspension (modular ceiling)
630279	Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special
374845	Frame adapter KG 635x635 WHITE



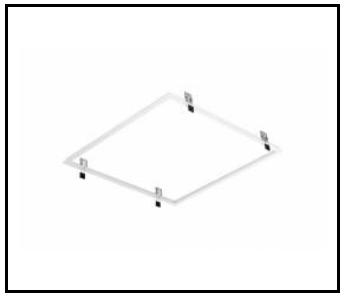
Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



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



Frame adapter KG 635x635 WHITE (374845)

Card creation date: 21 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 247/2023

LENA LIGHTING

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