

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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TECHNICAL PARAMETERS TABLE

Index:	658846	Ingress protection:	IP20
EAN:	5905963658846	Mounting version:	surface
Light source:	LED module	Working temperature [°C]:	from -20 to +35
Nominal power [W]:	32	PIR:	yes
Rated power of the luminaire [W]:	32	DIMM DALI:	yes
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	50
Luminous flux [lm]:	3420	Net weight [kg]:	3.890
Luminous efficacy [lm/W]:	107	Category type:	troffers
Energy efficiency class:	E	Version:	BT PIR HYT DALI
Electrical protection class:	I	AC voltage range [V]:	220 - 240
Colour temperature [K] - range:	2700 - 6500	LED lifespan L70B50 [h]:	132000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	84000
SDCM:	3	LED lifespan L90B10 [h]:	42000
Power factor:	0.95	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Beam angle [°]:	120	Warranty [years]:	5
Diffuser material:	PC with the addition of silver ions (2%)	CE certificate:	247/2023
Material of the body:	ABS with the addition of silver ions (2%)	Environmental Product Declaration (EPD):	944/2026
Colour of the body:	white	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	620/620/66	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018, ISO 3 - 9 (ISO 14644-1:2015)
Impact resistance:	IK07		

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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 247/2023