

# 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
Colour rendering index:	>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

Nominal power [W]:	32	Colour of the body:	white
Index:	658846	Impact resistance:	IK07
EAN:	5905963658846	Ingress protection:	IP20
Colour temperature [K] - range:	2700 - 6500	Mounting version:	surface
Light source:	LED module	Working temperature [°C]:	from -20 to +35
Luminous flux [lm]:	3420	PIR:	yes
Rated power of the luminaire [W]:	32	DIMM DALI:	yes
Frequency [Hz]:	50 - 60	Number on the palette [pcs]:	50
Version:	BT PIR HYT DALI	Net weight [kg]:	3.890
Dimensions (H/W/T/S) [mm]:	620/620/66	Category type:	louvres
Luminous efficacy [lm/W]:	107	AC voltage range [V]:	220 - 240
Energy efficiency class:	E	LED lifespan L70B50 [h]:	132000
Electrical protection class:	I	LED lifespan L80B20 [h]:	84000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	42000
SDCM:	≤ 3	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Power factor:	0.95	Warranty [years]:	5
Beam angle [°]:	120	CE certificate:	<a href="#">247/2023</a>
Diffuser material:	PC with the addition of silver ions (2%)	PZH certificate:	<a href="#">B-BK-60212-0620/20</a>
Diffuser type:	PLX	Manual:	<a href="#">Download PDF</a>
Material of the body:	ABS with the addition of silver ions (2%)		