

# 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.

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

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

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

Card creation date: 25 November 2024

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



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)