

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 | | |

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ACCESSORIES AVAILABLE

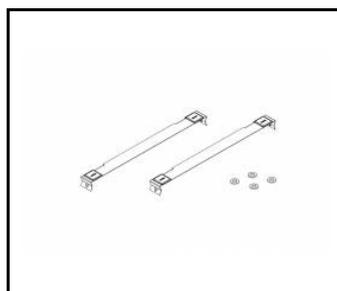
| index | Name |
|--------|---|
| 630033 | Plasterboard mounting brackets (4 pcs) |
| 904349 | Safety suspension (modular ceiling) |
| 630279 | Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special |
| 374845 | Frame adapter KG 635x635 WHITE |



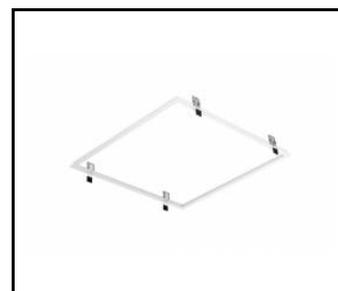
Plasterboard mounting brackets (4 pcs) (630033)



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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 247/2023