

# COMPACT LED HYGIENIC N 3500LM PLX II IP65 620X620 840 (33W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                    |   |
|------------------------------------|---|
| Index:                             | 647512                                    |
| Rated power of the luminaire [W]*: | 33  |
| Luminous flux [lm]*:               | 3500                                      |
| Colour temperature [K]:            | 4000                                      |
| Ingress protection:                | IP65                                      |
| Impact resistance:                 | IK07                                      |
| 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 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.

## APPLICATION

COMPACT LED HYGIENIC 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 3500LM PLX II IP65 620X620 840 (33W)

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |   |                            |  |
|-----------------------------------|---|----------------------------|--|
| Index:                            | 647512                                    | Dimensions (H/W/T/S) [mm]: | 620/620/66                               |
| EAN:                              | 5905963647512                             | Impact resistance:         | IK07                                     |
| Light source:                     | LED module                                | Ingress protection:        | IP65                                     |
| Rated power of the luminaire [W]: | 33  | Mounting version:          | surface                                  |
| Frequency [Hz]:                   | 50 - 60                                   | Working temperature [°C]:  | from -20 to +35                          |
| Luminous flux [lm]:               | 3500                                      | Net weight [kg]:           | 2.800                                    |
| Luminous efficacy [lm/W]:         | 106                                       | Warranty [years]:          | 5  |
| Energy efficiency class:          | E   | Category type:             | troffers                                 |
| Electrical protection class:      | II  | AC voltage range [V]:      | 220 - 240                                |
| Colour temperature [K]:           | 4000                                      | LED lifespan L70B50 [h]:   | 132000                                   |
| Colour rendering index:           | 80  | LED lifespan L80B20 [h]:   | 84000                                    |
| SDCM:                             | ≤ 3                                       | LED lifespan L90B10 [h]:   | 42000                                    |
| Power factor:                     | 0.95                                      | Photobiological safety:    | RG0 - exempt (no photobiological hazard) |
| 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:                    | OPAL                                      | Manual:                    | <a href="#">Download PDF</a>             |
| Material of the body:             | ABS with the addition of silver ions (2%) | Pliik LDT:                 | <a href="#">Download</a>                 |
| Colour of the body:               | white                                     |                            |  |

# COMPACT LED HYGIENIC N 3500LM PLX II IP65 620X620 840 (33W)

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 |
| 999543 | Plasterboard recessing kit 630x630 white (steel version)                                      |



Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



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



Plasterboard recessing kit 630x630 white (steel version) (999543)