

# COMPACT LED HYGIENIC N 4400LM PLX II IP20 620X620 840 (43W)

DETAILED CARD



## TECHNICAL PARAMETERS

|   |   |
|---|---|
| <b>Index:</b>                             | 647536                                    |
| <b>Rated power of the luminaire [W]*:</b> | 43  |
| <b>Luminous flux [lm]*:</b>               | 4400                                      |
| <b>Colour temperature [K]:</b>            | 4000                                      |
| <b>Ingress protection:</b>                | IP20                                      |
| <b>Impact resistance:</b>                 | IK07                                      |
| <b>Color rendering index (Ra) &gt;:</b>   | 80  |
| <b>SDCM:</b>                              | 3   |
| <b>Energy efficiency class:</b>           | E   |
| <b>Material of the body:</b>              | 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.

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## TECHNICAL PARAMETERS TABLE

|  |   |   |   |
|--|---|---|---|
| <b>Index:</b>                            | 647536                                    | <b>Dimensions (H/W/T/S) [mm]:</b>               | 620/620/66  |
| <b>EAN:</b>                              | 5905963647536                             | <b>Impact resistance:</b>                       | IK07  |
| <b>Light source:</b>                     | LED module                                | <b>Ingress protection:</b>                      | IP20  |
| <b>Rated power of the luminaire [W]:</b> | 43  | <b>Mounting version:</b>                        | surface   |
| <b>Frequency [Hz]:</b>                   | 50 - 60                                   | <b>Working temperature [°C]:</b>                | from -20 to +35   |
| <b>Luminous flux [lm]:</b>               | 4400                                      | <b>Net weight [kg]:</b>                         | 3,300   |
| <b>Luminous efficacy [lm/W]:</b>         | 102                                       | <b>Warranty [years]:</b>                        | 5   |
| <b>Energy efficiency class:</b>          | E   | <b>Category type:</b>                           | troffers  |
| <b>Electrical protection class:</b>      | II  | <b>AC voltage range [V]:</b>                    | 220 - 240   |
| <b>Colour temperature [K]:</b>           | 4000                                      | <b>LED lifespan L70B50 [h]:</b>                 | 125000  |
| <b>Color rendering index (Ra) &gt;:</b>  | 80  | <b>LED lifespan L80B10 [h]:</b>                 | 82000   |
| <b>SDCM:</b>                             | 3   | <b>LED lifespan L90B10 [h]:</b>                 | 40000   |
| <b>Power factor:</b>                     | 0.95                                      | <b>Photobiological safety:</b>                  | RG0 - exempt (no photobiological hazard)                                    |
| <b>Beam angle [°]:</b>                   | 120                                       | <b>CE certificate:</b>                          | <a href="#">247/2023</a>  |
| <b>Diffuser material:</b>                | PC with the addition of silver ions (2%)  | <b>Environmental Product Declaration (EPD):</b> | <a href="#">944/2026</a>  |
| <b>Diffuser type:</b>                    | OPAL                                      | <b>Manual:</b>                                  | <a href="#">Download PDF</a>  |
| <b>Material of the body:</b>             | ABS with the addition of silver ions (2%) | <b>ISO Certificates:</b>                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018, ISO 3 - 9 (ISO 14644-1:2015) |
| <b>Colour of the body:</b>               | white                                     | <b>Plik LDT:</b>                                | <a href="#">Download</a>  |

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## ACCESSORIES AVAILABLE

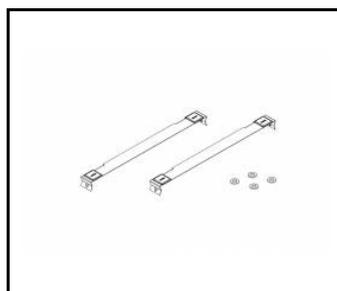
| index  | Name  |
|--------|---|
| 630033 | Plasterboard mounting brackets (4 pcs)  |
| 904349 | Safety suspension (modular ceiling)   |
| 630279 | Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special |
| 374845 | Frame adapter KG 635x635 WHITE  |



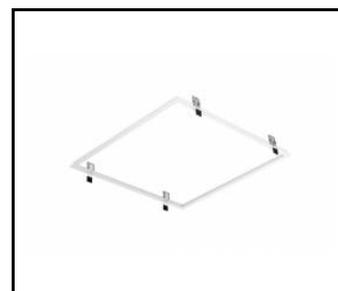
Plasterboard mounting brackets (4 pcs) (630033)



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: 28 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