

COMPACT LED HYGIENIC P 4400LM PLX II IP44/ IP20

595X595 840 (43W)

DETAILED CARD



TECHNICAL PARAMETERS

| | |
|---|---|
| Index: | 647710 |
| Rated power of the luminaire [W]*: | 43 |
| Luminous flux [lm]*: | 4400 |
| Colour temperature [K]: | 4000 |
| Ingress protection: | IP44/20 |
| Impact resistance: | IK07 |
| 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 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

| | | | |
|--|---|-----------------------------------|---|
| Index: | 647710 | Dimensions (H/W/T/S) [mm]: | 595/595/71 |
| EAN: | 5905963647710 | Impact resistance: | IK07 |
| Light source: | LED module | Ingress protection: | IP44/20 |
| Rated power of the luminaire [W]: | 43 | Mounting version: | recessed |
| Frequency [Hz]: | 50 - 60 | Working temperature [°C]: | from -20 to +35 |
| Luminous flux [lm]: | 4400 | Net weight [kg]: | 2.570 |
| Luminous efficacy [lm/W]: | 102 | 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]: | 125000 |
| Color rendering index (Ra) >: | 80 | LED lifespan L80B10 [h]: | 82000 |
| SDCM: | 3 | LED lifespan L90B10 [h]: | 40000 |
| Power factor: | 0.95 | Photobiological safety: | RG0 - exempt (no photobiological hazard) |
| Beam angle [°]: | 120 | CE certificate: | 190/2023 |
| Diffuser material: | PC with the addition of silver ions (2%) | Manual: | Download PDF |
| Diffuser type: | OPAL | ISO Certificates: | 9001:2015, 14001:2015, 45001:2018, 50001:2018, ISO 3 - 9 (ISO 14644-1:2015) |
| Material of the body: | ABS with the addition of silver ions (2%) | Pliik LDT: | Download |
| Colour of the body: | white | | |

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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 |
| 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)

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: 190/2023