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
EAN:	5905963647710
Light source:	LED module
Rated power of the luminaire [W]:	43
Frequency [Hz]:	50 - 60
Luminous flux [lm]:	4400
Luminous efficacy [lm/W]:	102
Energy efficiency class:	E
Electrical protection class:	II
Colour temperature [K]:	4000
Color rendering index (Ra) >:	80
SDCM:	3
Power factor:	0.95
Beam angle [°]:	120
Diffuser material:	PC with the addition of silver ions (2%)
Diffuser type:	OPAL
Material of the body:	ABS with the addition of silver ions (2%)
Colour of the body:	white
Dimensions (H/W/T/S) [mm]:	595/595/71

Impact resistance:	IK07
Ingress protection:	IP44/20
Mounting version:	recessed
Working temperature [°C]:	from -20 to +35
Net weight [kg]:	2.570
Warranty [years]:	5
Category type:	troffers
AC voltage range [V]:	220 - 240
LED lifespan L70B50 [h]:	125000
LED lifespan L80B10 [h]:	82000
LED lifespan L90B10 [h]:	40000
Photobiological safety:	RG0 - exempt (no photobiological hazard)
CE certificate:	190/2023
PZH certificate:	B-BK-60112-0326/2026
Environmental Product Declaration (EPD):	944/2026
Manual:	Download PDF
ISO Certificates:	9001:2015. 14001:2015, 45001:2018, 50001:2018, ISO 3 - 9 (ISO 14644-1:2015)
Plik LDT:	Download

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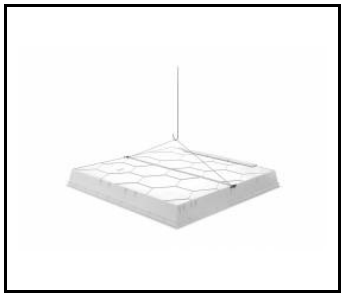
DETAILED CARD

ACCESSORIES AVAILABLE

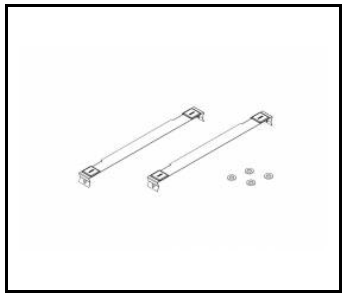
index	Name
630033	Plasterboard mounting brackets (4 pcs)
904349	Safety suspension (modular ceiling)
630279	Compact - Uchwyt do mocowania natynkowego - specjalny / Holder for surface mounting - special
374845	Frame adapter KG 635x635 WHITE



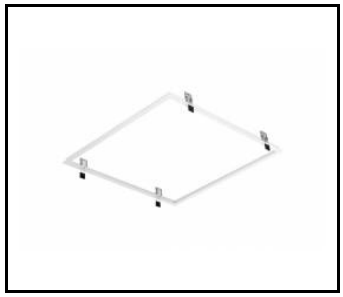
Plasterboard mounting brackets (4 pcs) (630033)



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: 15 October 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 190/2023

LENA LIGHTING

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