

# 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
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.

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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
Colour rendering index:	80	LED lifespan L80B20 [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:	<a href="#">190/2023</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		

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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)