

# COMPACT LED HYGIENIC P 4400LM PLX II IP65 595X595 840 (43W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	647703
<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>	IP65
<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>	647703	<b>Dimensions (H/W/T/S) [mm]:</b>	595/595/71
<b>EAN:</b>	5905963647703	<b>Impact resistance:</b>	IK07
<b>Light source:</b>	LED module	<b>Ingress protection:</b>	IP65
<b>Rated power of the luminaire [W]:</b>	43	<b>Mounting version:</b>	recessed
<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>	2.180
<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="#">190/2023</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: 190/2023