

COMPACT LED HYGIENIC P 5300LM PRM II IP44/ IP20 595X595 840 (43W)

DETAILED CARD



TECHNICAL PARAMETERS

Index:	647741
Rated power of the luminaire [W]*:	43
Luminous flux [lm]*:	5300
Colour temperature [K]:	4000
Ingress protection:	IP44/20
Impact resistance:	IK07
Color rendering index (Ra) >:	80
SDCM:	3
Energy efficiency class:	D
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:	647741	Dimensions (H/W/T/S) [mm]:	595/595/71
EAN:	5905963647741	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]:	5300	Net weight [kg]:	2.800
Luminous efficacy [lm/W]:	123	Warranty [years]:	5
Energy efficiency class:	D	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:	PRM	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