

# COMPACT LED HYGIENIC N 5950LM PRM I IP65 620X620 940 (60W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	647581
<b>Rated power of the luminaire [W]*:</b>	65
<b>Luminous flux [lm]*:</b>	5950
<b>Colour temperature [K]:</b>	4000
<b>Luminaire color temperature [K]:</b>	3500
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK07
<b>Colour rendering index:</b>	>90
<b>SDCM:</b>	≤ 3
<b>Energy efficiency class:</b>	F

## 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. The given color temperature value applies to the light source - LED module. The housing, especially the diffuser, has a slightly straw-colored shade due to the addition of silver ions to the plastic compared to the standard COMPACT LED EVO.

## 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>	647581	<b>Material of the body:</b>	ABS with the addition of silver ions (2%)
<b>EAN:</b>	5905963647581	<b>Colour of the body:</b>	white
<b>Light source:</b>	LED module	<b>Dimensions (H/W/T/S) [mm]:</b>	620/620/66
<b>Rated power of the luminaire [W]:</b>	65	<b>Impact resistance:</b>	IK07
<b>Nominal power [W]:</b>	60	<b>Ingress protection:</b>	IP65
<b>Frequency [Hz]:</b>	50 - 60	<b>Mounting version:</b>	surface
<b>Luminous flux [lm]:</b>	5950	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Luminous efficacy [lm/W]:</b>	92	<b>Net weight of the luminaire [kg]:</b>	3.800
<b>Energy efficiency class:</b>	F	<b>Warranty [years]:</b>	5
<b>Electrical protection class:</b>	I	<b>Category type:</b>	louvres
<b>Colour temperature [K]:</b>	4000	<b>AC voltage range [V]:</b>	220 - 240
<b>Luminaire color temperature [K]:</b>	3500	<b>LED lifespan L70B50 [h]:</b>	115000
<b>Colour rendering index:</b>	>90	<b>LED lifespan L80B20 [h]:</b>	72000
<b>SDCM:</b>	≤ 3	<b>LED lifespan L90B10 [h]:</b>	35000
<b>Power factor:</b>	0.98	<b>CE certificate:</b>	<a href="#">247/2023</a>
<b>Beam angle [°]:</b>	120	<b>PZH certificate:</b>	<a href="#">B-BK-60212-0620/20</a>
<b>Diffuser material:</b>	PC with the addition of silver ions (2%)	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Diffuser type:</b>	PRM		

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## ACCESSORIES AVAILABLE

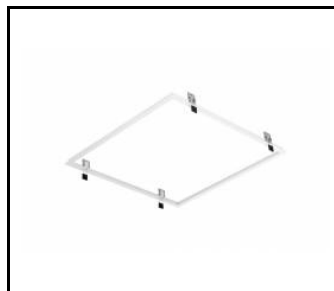
index	Name
630033	Plasterboard mounting brackets (4 pcs)
904349	Safety suspension (modular ceiling)
999543	Plasterboard recessing kit 630x630 white



Plasterboard mounting brackets (4 pcs) (630033)



Safety suspension (modular ceiling) (904349)



Plasterboard recessing kit 630x630 white (999543)

Card creation date: 14 December 2022

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: 247/2023