

# LUMEDIC 595X595MM SM 8900LM RA80 4000K GLASS/OPAL/PRM LNS IP65 I CL. W IK09 83W

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	783555
<b>Ingress protection:</b>	IP65
<b>Impact resistance:</b>	IK09
<b>Luminous flux [lm]*:</b>	8900
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	powder coated steel
<b>Diffuser material:</b>	szyba hartowana
<b>Diffuser type:</b>	Glass/Opal/PRM
<b>Mounting version:</b>	recessed

## CHARACTERISTICS

Lumedic is a specialist Cleanroom luminaire designed for clean rooms with increased hygiene and sterility requirements. The design ensures ease of cleaning and high mechanical and environmental resistance. The robust steel housing with IP65 protection on the room side and IP50 on the technical side ensures complete tightness in a sterile environment, while allowing free air flow above the suspended ceiling.

The front of the luminaire is made of aluminium and 4 mm thick tempered glass, resistant to impact (IK09 class) and chemicals. The modular diffuser system (Glass / Opal / PRM) allows you to select the appropriate optical characteristics depending on the application requirements — from uniform, diffused light to precise directional distribution. The SM version is designed for installation in modular ceilings.

## APPLICATION

Application

- laboratories (microbiological, pharmaceutical, chemical),
- hospitals (operating theatres, intensive care units, diagnostic laboratories),
- food and pharmaceutical industry,
- cleanrooms in electronics and semiconductor manufacturing.

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## TECHNICAL PARAMETERS TABLE

<b>Index:</b>	783555	<b>Ring material:</b>	biały Ral 9003
<b>EAN:</b>	5905963783555	<b>Ring colour:</b>	biały Ral 9003
<b>Light source:</b>	LED module	<b>Dimensions (H/W/T/S) [mm]:</b>	595/595/65
<b>Rated power of the luminaire [W]:</b>	83	<b>Mounting dimensions [mm]:</b>	600/600
<b>Supply voltage [V]:</b>	220 - 240	<b>Impact resistance:</b>	IK09
<b>Frequency [Hz]:</b>	0/50/60	<b>Ingress protection:</b>	IP65
<b>Luminous flux [lm]:</b>	8900	<b>Mounting version:</b>	recessed
<b>Luminous efficacy [lm/W]:</b>	107	<b>Working temperature [°C]:</b>	from -20 to +35
<b>Energy efficiency class:</b>	F	<b>Wire type:</b>	3x1,5 H07RN-F
<b>Electrical protection class:</b>	I	<b>Cable length [m]:</b>	0.50
<b>Colour temperature [K]:</b>	4000	<b>Number on the palette [pcs]:</b>	16
<b>Color rendering index (Ra) &gt;:</b>	80	<b>Net weight [kg]:</b>	8.600
<b>Power factor:</b>	0.95	<b>Photobiological safety:</b>	RG0 - exempt (no photobiological hazard)
<b>Surge protection [kV]:</b>	2	<b>Warranty [years]:</b>	5
<b>Diffuser material:</b>	szyba hartowana	<b>CE certificate:</b>	<a href="#">34/2026</a>
<b>Diffuser type:</b>	Glass/Opal/PRM	<b>ENEC Certificate:</b>	<a href="#">0463/ENEC/25</a>
<b>Optics material:</b>	PS	<b>Environmental Product Declaration (EPD):</b>	<a href="#">869/2025</a>
<b>Optics:</b>	PRM	<b>Manual:</b>	<a href="#">Download PDF</a>
<b>Material of the body:</b>	powder coated steel	<b>ISO Certificates:</b>	9001:2015, 14001:2015, 45001:2018, 50001:2018
<b>Colour of the body:</b>	biały Ral 9003	<b>Plik LDT:</b>	<a href="#">Download</a>

Card creation date: 24 March 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: 34/2026