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

DETAILED CARD

TECHNICAL PARAMETERS

Index:	783562
Ingress protection:	IP65
Impact resistance:	IK09
Luminous flux [lm]*:	8900
Color rendering index (Ra) >:	80
Energy efficiency class:	F
Material of the body:	powder coated steel
Diffuser material:	szyba hartowana
Diffuser type:	Glass/Opal/PRM
Mounting version:	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.

LENA LIGHTING

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DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	783562	Ring colour:	biały Ral 9003
EAN:	5905963783562	Dimensions (H/W/T/S) [mm]:	595/595/65
Light source:	LED module	Mounting dimensions [mm]:	600/600
Rated power of the luminaire [W]:	83	Impact resistance:	IK09
Supply voltage [V]:	220 - 240	Ingress protection:	IP65
Frequency [Hz]:	0/50/60	Mounting version:	recessed
Luminous flux [lm]:	8900	Working temperature [°C]:	from -20 to +35
Luminous efficacy [lm/W]:	107	DIMM DALI:	yes
Energy efficiency class:	F	Wire type:	5x1,5 H07RN-F
Electrical protection class:	I	Cable length [m]:	0.50
Colour temperature [K]:	4000	Number on the palette [pcs]:	16
Color rendering index (Ra) >:	80	Net weight [kg]:	8.600
Power factor:	0.97	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Surge protection [kV]:	1	Warranty [years]:	5
Diffuser material:	szyba hartowana	CE certificate:	34/2026
Diffuser type:	Glass/Opal/PRM	ENEC Certificate:	0463/ENEC/25
Optics material:	PS	Environmental Product Declaration (EPD):	869/2025
Optics:	PRM	Manual:	Download PDF
Material of the body:	powder coated steel	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Colour of the body:	biały Ral 9003	Plik LDT:	Download
Ring material:	biały Ral 9003		

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%

CE Certificate CE - Nr: 34/2026