

LUMEDIC 595X595MM SM 9200LM RA80 4000K GLASS/OPAL MB IP65/IP50 I CL. W IK09 86W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	783630
Ingress protection:	IP65/IP50
Impact resistance:	IK09
Luminous flux [lm]*:	9200
Color rendering index (Ra) >:	80
Energy efficiency class:	F
Material of the body:	powder coated steel
Diffuser material:	szyba hartowana
Diffuser type:	Glass/Opal
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.

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TECHNICAL PARAMETERS TABLE

Index:	783630	Colour of the body:	white Ral9003
EAN:	5905963783630	Ring material:	biały Ral9003
Light source:	LED module	Ring colour:	white Ral9003
Rated power of the luminaire [W]:	86	Dimensions (H/W/T/S) [mm]:	595/595/60
Supply voltage [V]:	220 - 240	Mounting dimensions [mm]:	600/600
Frequency [Hz]:	0/50/60	Impact resistance:	IK09
Luminous flux [lm]:	9200	Ingress protection:	IP65/IP50
Luminous efficacy [lm/W]:	107	Mounting version:	recessed
Energy efficiency class:	F	Working temperature [°C]:	from -20 to +35
Electrical protection class:	I	Wire type:	3x1,5 H07RN-F
Colour temperature [K]:	4000	Cable length [m]:	0.50
Color rendering index (Ra) >:	80	Number on the palette [pcs]:	16
Power factor:	0.95	Net weight [kg]:	8.300
Surge protection [kV]:	2	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser material:	szyba hartowana	Warranty [years]:	5
Diffuser type:	Glass/Opal	CE certificate:	11/2026
Optics material:	PS	ENEC Certificate:	0463/ENEC/25
Optics:	OPAL	Manual:	Download PDF
Material of the body:	powder coated steel	Plik LDT:	Download

Card creation date: 16 January 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: 11/2026