

LUMEDIC 595X595MM SM 6325LM RA80 4000K GLASS/OPAL LNS IP65 I CL. W IK09 47W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	783593
Ingress protection:	IP65
Impact resistance:	IK09
Luminous flux [lm]*:	6325
Color rendering index (Ra) >:	80
Energy efficiency class:	E
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:	783593	Ring material:	biały Ral 9003
EAN:	5905963783593	Ring colour:	biały Ral 9003
Light source:	LED module	Dimensions (H/W/T/S) [mm]:	595/595/65
Rated power of the luminaire [W]:	47	Mounting dimensions [mm]:	600/600
Supply voltage [V]:	220 - 240	Impact resistance:	IK09
Frequency [Hz]:	0/50/60	Ingress protection:	IP65
Luminous flux [lm]:	6325	Mounting version:	recessed
Luminous efficacy [lm/W]:	135	Working temperature [°C]:	from -20 to +35
Energy efficiency class:	E	Wire type:	3x1,5 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]:	8.300
Power factor:	0.95	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	ENEC Certificate:	0463/ENEC/25
Optics material:	PS	Environmental Product Declaration (EPD):	869/2025
Optics:	OPAL	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

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