

LUMEDIC 595X595MM SM 5800LM 840 GLASS/OPAL/PRM MB IP65/50 I CL. W IK09 49W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	783005
Ingress protection:	IP65/50
Impact resistance:	IK09
Rated power of the luminaire [W]*:	49
Luminous flux [lm]*:	5800
Colour temperature [K]:	4000
Colour rendering index:	80
Energy efficiency class:	E
Material of the body:	powder coated steel
Diffuser material:	szyba hartowana

CHARACTERISTICS

Lumedic is a specialist Cleanroom luminaire designed for clean rooms with increased hygiene and sterility requirements. Its design ensures ease of cleaning and high mechanical and environmental resistance. A 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. Service access is provided from the technical side (top inspection), allowing maintenance without interfering with the clean room. The front of the luminaire is made of aluminium and 4 mm thick tempered glass, resistant to impact (IK09 class) and chemicals. The modular shutter 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.

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:	783005	Optics:	PRM
EAN:	5905963783005	Material of the body:	powder coated steel
Light source:	LED module	Colour of the body:	white Ral9003
Rated power of the luminaire [W]:	49	Ring colour:	white Ral9003
Supply voltage [V]:	220 - 240	Dimensions (H/W/T/S) [mm]:	595/595/65
Frequency [Hz]:	0-50-60	Mounting dimensions [mm]:	585/585
Luminous flux [lm]:	5800	Impact resistance:	IK09
Luminous efficacy [lm/W]:	118	Ingress protection:	IP65/50
Energy efficiency class:	E	Mounting version:	recessed
Electrical protection class:	I	Working temperature [°C]:	from -20 to +35
Colour temperature [K]:	4000	Number on the palette [pcs]:	16
Colour rendering index:	80	Net weight [kg]:	11
Power factor:	0.95	Warranty [years]:	5
Surge protection [kV]:	1	CE certificate:	123/2025
Diffuser material:	szyba hartowana	Manual:	Download PDF
Diffuser type:	Opal PRM	Plik LDT:	Download
Optics material:	PC		