LUMEDIC SM

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK09
Rated power of the luminaire [W]*:	50.00 - 86.00
Luminous flux [lm]*:	7675 - 13275
Colour temperature [K]:	3000; 4000
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Diffuser type:	Glass/PRM
Optics:	PRM
Mounting version:	recessed
Dimensions (H/W/T/S) [mm]:	595/595/65;
SDCM:	3

CHARACTERISTICS

Lumedic SM this is a specialist cleanroom luminaire designed for cleanrooms with an air cleanliness class of ISO 3–9, in accordance with ISO 14644-1:2015 Cleanroom, and meeting stringent hygiene and sterility requirements. The design ensures ease of cleaning and high mechanical and environmental resistance. A robust steel housing with an IP65 rating on both the room side and the technical space side ensures complete airtightness in a sterile environment, whilst allowing free airflow above the suspended ceiling.
The luminaire front is made of aluminium and 4 mm thick tempered glass, resistant to impact (IK09 class) and chemical agents. The modular diffuser system (Glass / Opal / PRM) allows for the selection of the appropriate optical characteristics depending on the application requirements — from uniform, diffused light to precise directional light distribution. The SM version is designed for installation in modular ceilings.

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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AVAILABLE VERSIONS

Click index >>, to see details

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
86	3000	12425	Glass/PRM	yes	>> 505676
86	3000	12425	Glass/PRM		>> 505669
86	4000	13275	Glass/PRM	yes	>> 505652
86	4000	13275	Glass/PRM		>> 505645
50	3000	7675	Glass/PRM	yes	>> 505638
50	3000	7675	Glass/PRM		>> 505621
50	4000	8200	Glass/PRM	yes	>> 505614
50	4000	8200	Glass/PRM		>> 505607

Card creation date: 04 November 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 145/2026; 166/2026; 87/2026

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