

LUMEDIC SM

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK09
Rated power of the luminaire [W]*:	47.00 - 83.00
Luminous flux [lm]*:	7100 - 12100
Colour temperature [K]:	3000; 4000
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Diffuser type:	Glass/Opal; Glass/PRM
Optics:	OPAL; PRM
Mounting version:	recessed
Dimensions (H/W/T/S) [mm]:	595/595/65;

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

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



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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
83	3000	11125	Glass/Opal	yes	>> 505591
83	3000	11125	Glass/Opal		>> 505584
83	4000	11550	Glass/Opal	yes	>> 505577
83	4000	11550	Glass/Opal		>> 505560
83	3000	11675	Glass/PRM	yes	>> 505676
83	3000	11675	Glass/PRM		>> 505669
83	4000	12100	Glass/PRM	yes	>> 505652
83	4000	12100	Glass/PRM		>> 505645
47	3000	7100	Glass/Opal	yes	>> 505553
47	3000	7100	Glass/Opal		>> 505546
47	4000	7350	Glass/Opal	yes	>> 505539
47	4000	7350	Glass/Opal		>> 505522
47	3000	7425	Glass/PRM	yes	>> 505638
47	3000	7425	Glass/PRM		>> 505621
47	4000	7675	Glass/PRM	yes	>> 505614
47	4000	7675	Glass/PRM		>> 505607

Card creation date: 13 May 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; 55/2026