

LUMEDIC SM R

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK09
Rated power of the luminaire [W]*:	47.00; 83.00
Colour temperature [K]:	3000; 4000
Luminous flux [lm]*:	6050 - 12100
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Diffuser type:	Glass/Opal; Glass/Opal/PRM; Glass/PRM
Mounting version:	recessed
Dimensions (H/W/T/S) [mm]:	595/595/65;

CHARACTERISTICS

Lumedic SM R 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. The SM R 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



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Lumedic SM R Glass/Opal

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Index
47	3000	7100	Glass/Opal	yes		>> 783364
47	3000	7100	Glass/Opal			>> 783357
47	3000	7100	Glass/Opal		3	>> 520914
47	4000	7350	Glass/Opal		3	>> 520907
47	4000	7350	Glass/Opal	yes		>> 783340
47	4000	7350	Glass/Opal			>> 783333
83	3000	11125	Glass/Opal		3	>> 520938
83	3000	11125	Glass/Opal	yes		>> 783401
83	3000	11125	Glass/Opal			>> 783395
83	4000	11550	Glass/Opal			>> 783371
83	4000	11550	Glass/Opal	yes		>> 783388
83	4000	11550	Glass/Opal		3	>> 520921

Lumedic SM R Glass/Opal/PRM

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Index
47	3000	6050	Glass/Opal/PRM	yes		>> 783289
47	3000	6050	Glass/Opal/PRM			>> 783272
47	3000	6050	Glass/Opal/PRM		3	>> 520877
47	4000	6225	Glass/Opal/PRM		3	>> 520860
47	4000	6225	Glass/Opal/PRM			>> 783258
47	4000	6225	Glass/Opal/PRM	yes		>> 783265
83	3000	9925	Glass/Opal/PRM		3	>> 520891
83	3000	9925	Glass/Opal/PRM			>> 783319
83	3000	9925	Glass/Opal/PRM	yes		>> 783326
83	4000	10350	Glass/Opal/PRM			>> 783296
83	4000	10350	Glass/Opal/PRM	yes		>> 783302
83	4000	10350	Glass/Opal/PRM		3	>> 520884

Lumedic SM R Glass/PRM

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Index
47	3000	7425	Glass/PRM		3	>> 520952
47	3000	7425	Glass/PRM			>> 783432
47	3000	7425	Glass/PRM	yes		>> 783449
47	4000	7675	Glass/PRM		3	>> 520945
47	4000	7675	Glass/PRM	yes		>> 783425

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Index
47	4000	7675	Glass/PRM			>> 783418
83	3000	11675	Glass/PRM		3	>> 520976
83	3000	11675	Glass/PRM	yes		>> 783487
83	3000	11675	Glass/PRM			>> 783470
83	4000	12100	Glass/PRM		3	>> 520969
83	4000	12100	Glass/PRM	yes		>> 783463
83	4000	12100	Glass/PRM			>> 783456

Card creation date: 10 April 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: 37/2026