

# LUMEDIC SM R

GENERAL CARD



## TECHNICAL PARAMETERS

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

## CHARACTERISTICS

Lumedic SM R 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. Its design ensures ease of cleaning and high mechanical and environmental resistance. A robust steel housing with IP65 protection on the room side and 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



Click index >>, to see details

### Lumedic SM R Glass/Opal

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
47	3000	7100	Glass/Opal	yes	<a href="#">&gt;&gt; 783364</a>
47	3000	7100	Glass/Opal		<a href="#">&gt;&gt; 783357</a>
47	3000	7100	Glass/Opal		<a href="#">&gt;&gt; 520914</a>
47	4000	7350	Glass/Opal		<a href="#">&gt;&gt; 520907</a>
47	4000	7350	Glass/Opal	yes	<a href="#">&gt;&gt; 783340</a>
47	4000	7350	Glass/Opal		<a href="#">&gt;&gt; 783333</a>
83	3000	11125	Glass/Opal		<a href="#">&gt;&gt; 520938</a>
83	3000	11125	Glass/Opal	yes	<a href="#">&gt;&gt; 783401</a>
83	3000	11125	Glass/Opal		<a href="#">&gt;&gt; 783395</a>
83	4000	11550	Glass/Opal		<a href="#">&gt;&gt; 783371</a>
83	4000	11550	Glass/Opal	yes	<a href="#">&gt;&gt; 783388</a>
83	4000	11550	Glass/Opal		<a href="#">&gt;&gt; 520921</a>

### Lumedic SM R Glass/Opal/PRM

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
47	3000	6050	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783289</a>
47	3000	6050	Glass/Opal/PRM		<a href="#">&gt;&gt; 783272</a>
47	3000	6050	Glass/Opal/PRM		<a href="#">&gt;&gt; 520877</a>
47	4000	6225	Glass/Opal/PRM		<a href="#">&gt;&gt; 520860</a>
47	4000	6225	Glass/Opal/PRM		<a href="#">&gt;&gt; 783258</a>
47	4000	6225	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783265</a>
83	3000	9925	Glass/Opal/PRM		<a href="#">&gt;&gt; 520891</a>
83	3000	9925	Glass/Opal/PRM		<a href="#">&gt;&gt; 783319</a>
83	3000	9925	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783326</a>
83	4000	10350	Glass/Opal/PRM		<a href="#">&gt;&gt; 783296</a>
83	4000	10350	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783302</a>
83	4000	10350	Glass/Opal/PRM		<a href="#">&gt;&gt; 520884</a>

### Lumedic SM R Glass/PRM

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
47	3000	7425	Glass/PRM		<a href="#">&gt;&gt; 520952</a>
47	3000	7425	Glass/PRM		<a href="#">&gt;&gt; 783432</a>
47	3000	7425	Glass/PRM	yes	<a href="#">&gt;&gt; 783449</a>
47	4000	7675	Glass/PRM		<a href="#">&gt;&gt; 520945</a>
47	4000	7675	Glass/PRM	yes	<a href="#">&gt;&gt; 783425</a>

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
47	4000	7675	Glass/PRM		<a href="#">&gt;&gt; 783418</a>
83	3000	11675	Glass/PRM		<a href="#">&gt;&gt; 520976</a>
83	3000	11675	Glass/PRM	yes	<a href="#">&gt;&gt; 783487</a>
83	3000	11675	Glass/PRM		<a href="#">&gt;&gt; 783470</a>
83	4000	12100	Glass/PRM		<a href="#">&gt;&gt; 520969</a>
83	4000	12100	Glass/PRM	yes	<a href="#">&gt;&gt; 783463</a>
83	4000	12100	Glass/PRM		<a href="#">&gt;&gt; 783456</a>

Card creation date: 07 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: 64/2026