

# LUMEDIC SM

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>Luminous flux [lm]*:</b>	5225 - 12100
<b>Colour temperature [K]:</b>	3000; 4000
<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>Optics:</b>	OPAL; PRM
<b>Mounting version:</b>	recessed
<b>Dimensions (H/W/T/S) [mm]:</b>	595/595/65;

## CHARACTERISTICS

Lumedic is a specialist Cleanroom luminaire designed for clean rooms with increased hygiene and sterility requirements. The design ensures ease of cleaning and high mechanical and environmental resistance. The 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.

The front of the luminaire is made of aluminium and 4 mm thick tempered glass, resistant to impact (IK09 class) and chemicals. The modular diffuser 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 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



Click index >>, to see details

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Index
47	4000	5350	Glass/Opal/PRM		<a href="#">&gt;&gt; 783517</a>
47	4000	5350	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783524</a>
47	3000	5225	Glass/Opal/PRM		<a href="#">&gt;&gt; 783494</a>
47	3000	5225	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783500</a>
83	4000	8900	Glass/Opal/PRM		<a href="#">&gt;&gt; 783555</a>
83	4000	8900	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783562</a>
83	3000	8550	Glass/Opal/PRM		<a href="#">&gt;&gt; 783531</a>
83	3000	8550	Glass/Opal/PRM	yes	<a href="#">&gt;&gt; 783548</a>
47	4000	6325	Glass/Opal		<a href="#">&gt;&gt; 783593</a>
47	4000	6325	Glass/Opal	yes	<a href="#">&gt;&gt; 783609</a>
47	3000	6125	Glass/Opal		<a href="#">&gt;&gt; 783579</a>
47	3000	6125	Glass/Opal	yes	<a href="#">&gt;&gt; 783586</a>
83	4000	9950	Glass/Opal		<a href="#">&gt;&gt; 783630</a>
83	4000	9950	Glass/Opal	yes	<a href="#">&gt;&gt; 783647</a>
83	3000	9575	Glass/Opal		<a href="#">&gt;&gt; 783616</a>
83	3000	9575	Glass/Opal	yes	<a href="#">&gt;&gt; 783623</a>

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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).



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