

# LUMEDIC SW 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; 49.00; 83.00; 86.00
<b>Colour temperature [K]:</b>	3000; 4000
<b>Luminous flux [lm]*:</b>	5600; 5800; 6800; 9200; 9600
<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;
<b>SDCM:</b>	3

## CHARACTERISTICS

Lumedic 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 SW R version is designed for installation in reinforced 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 SW 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		3	<a href="#">&gt;&gt; 520716</a>
47	4000	7350	Glass/Opal		3	<a href="#">&gt;&gt; 520709</a>
49	3000	6575	Glass/Opal	yes		<a href="#">&gt;&gt; 783128</a>
49	3000	6575	Glass/Opal			<a href="#">&gt;&gt; 783111</a>
49	4000	6800	Glass/Opal			<a href="#">&gt;&gt; 783098</a>
49	4000	6800	Glass/Opal	yes		<a href="#">&gt;&gt; 783104</a>
83	3000	11125	Glass/Opal		3	<a href="#">&gt;&gt; 520730</a>
83	4000	11550	Glass/Opal		3	<a href="#">&gt;&gt; 520723</a>
86	3000	10300	Glass/Opal	yes		<a href="#">&gt;&gt; 783166</a>
86	3000	10300	Glass/Opal			<a href="#">&gt;&gt; 783159</a>
86	4000	10700	Glass/Opal	yes		<a href="#">&gt;&gt; 783142</a>
86	4000	10700	Glass/Opal			<a href="#">&gt;&gt; 783135</a>

### LUMEDIC SW 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		3	<a href="#">&gt;&gt; 520679</a>
47	4000	6225	Glass/Opal/PRM		3	<a href="#">&gt;&gt; 520662</a>
49	3000	5600	Glass/Opal/PRM	yes		<a href="#">&gt;&gt; 783036</a>
49	3000	5600	Glass/Opal/PRM			<a href="#">&gt;&gt; 783029</a>
49	4000	5800	Glass/Opal/PRM	yes		<a href="#">&gt;&gt; 783012</a>
49	4000	5800	Glass/Opal/PRM			<a href="#">&gt;&gt; 783005</a>
83	3000	9925	Glass/Opal/PRM		3	<a href="#">&gt;&gt; 520693</a>
83	4000	10350	Glass/Opal/PRM		3	<a href="#">&gt;&gt; 520686</a>
86	3000	9200	Glass/Opal/PRM	yes		<a href="#">&gt;&gt; 783074</a>
86	3000	9200	Glass/Opal/PRM			<a href="#">&gt;&gt; 783067</a>
86	4000	9600	Glass/Opal/PRM	yes		<a href="#">&gt;&gt; 783050</a>
86	4000	9600	Glass/Opal/PRM			<a href="#">&gt;&gt; 783043</a>

### LUMEDIC SW 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	<a href="#">&gt;&gt; 520754</a>
47	4000	7675	Glass/PRM		3	<a href="#">&gt;&gt; 520747</a>
49	3000	6875	Glass/PRM			<a href="#">&gt;&gt; 783197</a>
49	3000	6875	Glass/PRM	yes		<a href="#">&gt;&gt; 783203</a>
49	4000	7100	Glass/PRM	yes		<a href="#">&gt;&gt; 783180</a>

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Index
49	4000	7100	Glass/PRM			<a href="#">&gt;&gt; 783173</a>
83	3000	11675	Glass/PRM		3	<a href="#">&gt;&gt; 520778</a>
83	4000	12100	Glass/PRM		3	<a href="#">&gt;&gt; 520761</a>
86	3000	10800	Glass/PRM	yes		<a href="#">&gt;&gt; 783241</a>
86	3000	10800	Glass/PRM			<a href="#">&gt;&gt; 783234</a>
86	4000	11200	Glass/PRM			<a href="#">&gt;&gt; 783210</a>
86	4000	11200	Glass/PRM	yes		<a href="#">&gt;&gt; 783227</a>

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).



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