

LUMEDIC SW R

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK09
Rated power of the luminaire [W]*:	47.00; 49.00; 83.00; 86.00
Colour temperature [K]:	3000; 4000
Luminous flux [lm]*:	5600; 5800; 6800; 9200; 9600
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;
SDCM:	3

CHARACTERISTICS

Lumedic SW 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 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



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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	>> 520716
47	4000	7350	Glass/Opal		3	>> 520709
49	3000	6575	Glass/Opal	yes		>> 783128
49	3000	6575	Glass/Opal			>> 783111
49	4000	6800	Glass/Opal			>> 783098
49	4000	6800	Glass/Opal	yes		>> 783104
83	3000	11125	Glass/Opal		3	>> 520730
83	4000	11550	Glass/Opal		3	>> 520723
86	3000	10300	Glass/Opal	yes		>> 783166
86	3000	10300	Glass/Opal			>> 783159
86	4000	10700	Glass/Opal	yes		>> 783142
86	4000	10700	Glass/Opal			>> 783135

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	>> 520679
47	4000	6225	Glass/Opal/PRM		3	>> 520662
49	3000	5600	Glass/Opal/PRM	yes		>> 783036
49	3000	5600	Glass/Opal/PRM			>> 783029
49	4000	5800	Glass/Opal/PRM	yes		>> 783012
49	4000	5800	Glass/Opal/PRM			>> 783005
83	3000	9925	Glass/Opal/PRM		3	>> 520693
83	4000	10350	Glass/Opal/PRM		3	>> 520686
86	3000	9200	Glass/Opal/PRM	yes		>> 783074
86	3000	9200	Glass/Opal/PRM			>> 783067
86	4000	9600	Glass/Opal/PRM	yes		>> 783050
86	4000	9600	Glass/Opal/PRM			>> 783043

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	>> 520754
47	4000	7675	Glass/PRM		3	>> 520747
49	3000	6875	Glass/PRM			>> 783197
49	3000	6875	Glass/PRM	yes		>> 783203
49	4000	7100	Glass/PRM	yes		>> 783180

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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			>> 783173
83	3000	11675	Glass/PRM		3	>> 520778
83	4000	12100	Glass/PRM		3	>> 520761
86	3000	10800	Glass/PRM	yes		>> 783241
86	3000	10800	Glass/PRM			>> 783234
86	4000	11200	Glass/PRM			>> 783210
86	4000	11200	Glass/PRM	yes		>> 783227

Card creation date: 24 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: 36/2026