

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; 295/1195/65; 595/1195/65;
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



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]	Dimensions (H/W/T/S) [mm]	Index
47	3000	7345	Glass/Opal			295/1195/65	>> 494024
47	3000	7345	Glass/Opal	yes		295/1195/65	>> 494031
47	3000	7345	Glass/Opal		3	295/1195/65	>> 495373
47	4000	7597	Glass/Opal			295/1195/65	>> 494000
47	4000	7597	Glass/Opal	yes		295/1195/65	>> 494017
47	4000	7597	Glass/Opal		3	295/1195/65	>> 495366
83	3000	11507	Glass/Opal			295/1195/65	>> 494062
83	3000	11507	Glass/Opal	yes		295/1195/65	>> 494079
83	3000	11507	Glass/Opal		3	295/1195/65	>> 495397
83	4000	11954	Glass/Opal			295/1195/65	>> 494048
83	4000	11954	Glass/Opal	yes		295/1195/65	>> 494055
83	4000	11954	Glass/Opal		3	295/1195/65	>> 495380
47	3000	7345	Glass/Opal			595/1195/65	>> 494208
47	3000	7345	Glass/Opal	yes		595/1195/65	>> 494215
47	3000	7345	Glass/Opal		3	595/1195/65	>> 495458
47	4000	7597	Glass/Opal	yes		595/1195/65	>> 494192
47	4000	7597	Glass/Opal		3	595/1195/65	>> 495441
47	4000	7597	Glass/Opal			595/1195/65	>> 494178
83	3000	11507	Glass/Opal		3	595/1195/65	>> 495472
83	3000	11507	Glass/Opal	yes		595/1195/65	>> 494260
83	3000	11507	Glass/Opal			595/1195/65	>> 494253
83	4000	11954	Glass/Opal		3	595/1195/65	>> 495465
83	4000	11954	Glass/Opal	yes		595/1195/65	>> 494246
83	4000	11954	Glass/Opal			595/1195/65	>> 494239
47	3000	7100	Glass/Opal		3	595/595/65	>> 520716
47	4000	7350	Glass/Opal		3	595/595/65	>> 520709
49	3000	6575	Glass/Opal			595/595/65	>> 783111
49	3000	6575	Glass/Opal	yes		595/595/65	>> 783128
49	4000	6800	Glass/Opal			595/595/65	>> 783098
49	4000	6800	Glass/Opal	yes		595/595/65	>> 783104
83	3000	11125	Glass/Opal		3	595/595/65	>> 520730
83	4000	11550	Glass/Opal		3	595/595/65	>> 520723
86	3000	10300	Glass/Opal	yes		595/595/65	>> 783166

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Dimensions (H/W/T/S) [mm]	Index
86	3000	10300	Glass/Opal			595/595/65	>> 783159
86	4000	10700	Glass/Opal			595/595/65	>> 783135
86	4000	10700	Glass/Opal	yes		595/595/65	>> 783142

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]	Dimensions (H/W/T/S) [mm]	Index
47	3000	6050	Glass/Opal/PRM		3	595/595/65	>> 520679
47	4000	6225	Glass/Opal/PRM		3	595/595/65	>> 520662
49	3000	5600	Glass/Opal/PRM	yes		595/595/65	>> 783036
49	3000	5600	Glass/Opal/PRM			595/595/65	>> 783029
49	4000	5800	Glass/Opal/PRM			595/595/65	>> 783005
49	4000	5800	Glass/Opal/PRM	yes		595/595/65	>> 783012
83	3000	9925	Glass/Opal/PRM		3	595/595/65	>> 520693
83	4000	10350	Glass/Opal/PRM		3	595/595/65	>> 520686
86	3000	9200	Glass/Opal/PRM	yes		595/595/65	>> 783074
86	3000	9200	Glass/Opal/PRM			595/595/65	>> 783067
86	4000	9600	Glass/Opal/PRM	yes		595/595/65	>> 783050
86	4000	9600	Glass/Opal/PRM			595/595/65	>> 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]	Dimensions (H/W/T/S) [mm]	Index
47	3000	7680	Glass/PRM			295/1195/65	>> 494109
47	3000	7680	Glass/PRM	yes		295/1195/65	>> 494116
47	3000	7680	Glass/PRM		3	295/1195/65	>> 495410
47	4000	7932	Glass/PRM			295/1195/65	>> 494086
47	4000	7932	Glass/PRM	yes		295/1195/65	>> 494093
47	4000	7932	Glass/PRM		3	295/1195/65	>> 495403
83	3000	12065	Glass/PRM		3	295/1195/65	>> 495434
83	3000	12065	Glass/PRM			295/1195/65	>> 494154
83	3000	12065	Glass/PRM	yes		295/1195/65	>> 494161
83	4000	12512	Glass/PRM	yes		295/1195/65	>> 494147
83	4000	12512	Glass/PRM		3	295/1195/65	>> 495427
83	4000	12512	Glass/PRM			295/1195/65	>> 494123
47	3000	7680	Glass/PRM			595/1195/65	>> 494314
47	3000	7680	Glass/PRM	yes		595/1195/65	>> 494321
47	3000	7680	Glass/PRM		3	595/1195/65	>> 495496
47	4000	7932	Glass/PRM			595/1195/65	>> 494284
47	4000	7932	Glass/PRM	yes		595/1195/65	>> 494291

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47	4000	7932	Glass/PRM		3	595/1195/65	>> 495489
83	3000	12065	Glass/PRM	yes		595/1195/65	>> 494369
83	3000	12065	Glass/PRM			595/1195/65	>> 494352
83	3000	12065	Glass/PRM		3	595/1195/65	>> 495519
83	4000	12512	Glass/PRM		3	595/1195/65	>> 495502
83	4000	12512	Glass/PRM	yes		595/1195/65	>> 494345
83	4000	12512	Glass/PRM			595/1195/65	>> 494338
47	3000	7425	Glass/PRM		3	595/595/65	>> 520754
47	4000	7675	Glass/PRM		3	595/595/65	>> 520747
49	3000	6875	Glass/PRM	yes		595/595/65	>> 783203
49	3000	6875	Glass/PRM			595/595/65	>> 783197
49	4000	7100	Glass/PRM	yes		595/595/65	>> 783180
49	4000	7100	Glass/PRM			595/595/65	>> 783173
83	3000	11675	Glass/PRM		3	595/595/65	>> 520778
83	4000	12100	Glass/PRM		3	595/595/65	>> 520761
86	3000	10800	Glass/PRM			595/595/65	>> 783234
86	3000	10800	Glass/PRM	yes		595/595/65	>> 783241
86	4000	11200	Glass/PRM			595/595/65	>> 783210
86	4000	11200	Glass/PRM	yes		595/595/65	>> 783227

Card creation date: 23 June 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: 89/2026