LUMEDIC SW R

GENERAL CARD



TECHNICAL PARAMETERS

Ingress protection:	IP65
Impact resistance:	IK09
Rated power of the luminaire [W]*:	44.00 - 88.00
Colour temperature [K]:	3000; 4000
Luminous flux [lm]*:	5350 - 13700
Color rendering index (Ra) >:	80
Material of the body:	powder coated steel
Diffuser type:	Glass/Opal; 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]	Emergency luminous flux [lm]*	Dimensions (H/W/T/S) [mm]	Index
50	3000	5350	Glass/Opal				295/1195/65	>> 494024
50	3000	5350	Glass/Opal	yes			295/1195/65	>> 494031
50	3000	5350	Glass/Opal		3	270	295/1195/65	>> 495373
50	4000	5725	Glass/Opal				295/1195/65	>> 494000
50	4000	5725	Glass/Opal	yes			295/1195/65	>> 494017
50	4000	5725	Glass/Opal		3	270	295/1195/65	>> 495366
87	3000	8650	Glass/Opal				295/1195/65	>> 494062
87	3000	8650	Glass/Opal	yes			295/1195/65	>> 494079
87	3000	8650	Glass/Opal		3	270	295/1195/65	>> 495397
87	4000	9250	Glass/Opal				295/1195/65	>> 494048
87	4000	9250	Glass/Opal	yes			295/1195/65	>> 494055
87	4000	9250	Glass/Opal		3	270	295/1195/65	>> 495380
48	3000	5600	Glass/Opal				595/1195/65	>> 494208
48	3000	5600	Glass/Opal	yes			595/1195/65	>> 494215
48	3000	5600	Glass/Opal		3	270	595/1195/65	>> 495458
48	4000	5975	Glass/Opal	yes			595/1195/65	>> 494192
48	4000	5975	Glass/Opal		3	270	595/1195/65	>> 495441
48	4000	5975	Glass/Opal				595/1195/65	>> 494178
84	3000	9500	Glass/Opal		3	270	595/1195/65	>> 495472
84	3000	9500	Glass/Opal	yes			595/1195/65	>> 494260
84	3000	9500	Glass/Opal				595/1195/65	>> 494253
84	4000	10150	Glass/Opal		3	270	595/1195/65	>> 495465
84	4000	10150	Glass/Opal	yes			595/1195/65	>> 494246
84	4000	10150	Glass/Opal				595/1195/65	>> 494239
50	3000	6500	Glass/Opal		3	270	595/595/65	>> 520716
50	3000	6500	Glass/Opal				595/595/65	>> 783111
50	3000	6500	Glass/Opal	yes			595/595/65	>> 783128
50	4000	6950	Glass/Opal				595/595/65	>> 783098
50	4000	6950	Glass/Opal	yes			595/595/65	>> 783104
50	4000	6950	Glass/Opal		3	270	595/595/65	>> 520709
86	3000	10400	Glass/Opal		3	270	595/595/65	>> 520730
86	3000	10400	Glass/Opal	yes			595/595/65	>> 783166
86	3000	10400	Glass/Opal				595/595/65	>> 783159

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Emergency luminous flux [lm]*	Dimensions (H/W/T/S) [mm]	Index
86	4000	11125	Glass/Opal				595/595/65	>> 783135
86	4000	11125	Glass/Opal	yes			595/595/65	>> 783142
86	4000	11125	Glass/Opal		3	270	595/595/65	>> 520723

LUMEDIC SW R Glass/PRM

Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Emergency luminous flux [lm]*	Dimensions (H/W/T/S) [mm]	Index
44	3000	6825	Glass/PRM				295/1195/65	>> 494109
44	3000	6825	Glass/PRM	yes			295/1195/65	>> 494116
44	3000	6825	Glass/PRM		3	270	295/1195/65	>> 495410
44	4000	7300	Glass/PRM				295/1195/65	>> 494086
44	4000	7300	Glass/PRM	yes			295/1195/65	>> 494093
44	4000	7300	Glass/PRM		3	270	295/1195/65	>> 495403
88	3000	12800	Glass/PRM		3	270	295/1195/65	>> 495434
88	3000	12800	Glass/PRM				295/1195/65	>> 494154
88	3000	12800	Glass/PRM	yes			295/1195/65	>> 494161
88	4000	13700	Glass/PRM	yes			295/1195/65	>> 494147
88	4000	13700	Glass/PRM		3	270	295/1195/65	>> 495427
88	4000	13700	Glass/PRM				295/1195/65	>> 494123
48	3000	7325	Glass/PRM				595/1195/65	>> 494314
48	3000	7325	Glass/PRM	yes			595/1195/65	>> 494321
48	3000	7325	Glass/PRM		3	270	595/1195/65	>> 495496
48	4000	7825	Glass/PRM				595/1195/65	>> 494284
48	4000	7825	Glass/PRM	yes			595/1195/65	>> 494291
48	4000	7825	Glass/PRM		3	270	595/1195/65	>> 495489
84	3000	12700	Glass/PRM	yes			595/1195/65	>> 494369
84	3000	12700	Glass/PRM				595/1195/65	>> 494352
84	3000	12700	Glass/PRM		3	270	595/1195/65	>> 495519
84	4000	13575	Glass/PRM		3	270	595/1195/65	>> 495502
84	4000	13575	Glass/PRM	yes			595/1195/65	>> 494345
84	4000	13575	Glass/PRM				595/1195/65	>> 494338
50	3000	7600	Glass/PRM				595/595/65	>> 783197
50	3000	7600	Glass/PRM	yes			595/595/65	>> 783203
50	3000	7600	Glass/PRM		3	270	595/595/65	>> 520754
50	4000	8125	Glass/PRM		3	270	595/595/65	>> 520747
50	4000	8125	Glass/PRM				595/595/65	>> 783173
50	4000	8125	Glass/PRM	yes			595/595/65	>> 783180
86	3000	12150	Glass/PRM	yes			595/595/65	>> 783241
86	3000	12150	Glass/PRM				595/595/65	>> 783234

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Rated power of the luminaire [W]*	Colour temperature [K]	Luminous flux [lm]*	Diffuser type	DIMM DALI	Emergency lighting [h]	Emergency luminous flux [lm]*	Dimensions (H/W/T/S) [mm]	Index
86	3000	12150	Glass/PRM		3	270	595/595/65	>> 520778
86	4000	13000	Glass/PRM		3	270	595/595/65	>> 520761
86	4000	13000	Glass/PRM	yes			595/595/65	>> 783227
86	4000	13000	Glass/PRM				595/595/65	>> 783210

Card creation date: 07 September 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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 147/2026

LENA LIGHTING

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