LUMEDIC SM 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 SM 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 SM R version is designed for installation in modular 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 SM 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	>> 494390
50	3000	5350	Glass/Opal	yes			295/1195/65	>> 494406
50	3000	5350	Glass/Opal		3	270	295/1195/65	>> 495533
50	4000	5725	Glass/Opal				295/1195/65	>> 494376
50	4000	5725	Glass/Opal	yes			295/1195/65	>> 494383
50	4000	5725	Glass/Opal		3	270	295/1195/65	>> 495526
87	3000	8650	Glass/Opal				295/1195/65	>> 494437
87	3000	8650	Glass/Opal	yes			295/1195/65	>> 494444
87	3000	8650	Glass/Opal		3	270	295/1195/65	>> 495557
87	4000	9250	Glass/Opal	yes			295/1195/65	>> 494420
87	4000	9250	Glass/Opal		3	270	295/1195/65	>> 495540
87	4000	9250	Glass/Opal				295/1195/65	>> 494413
48	3000	5600	Glass/Opal				595/1195/65	>> 494550
48	3000	5600	Glass/Opal	yes			595/1195/65	>> 494567
48	3000	5600	Glass/Opal		3	270	595/1195/65	>> 495618
48	4000	5975	Glass/Opal				595/1195/65	>> 494536
48	4000	5975	Glass/Opal	yes			595/1195/65	>> 494543
48	4000	5975	Glass/Opal		3	270	595/1195/65	>> 495601
84	3000	9500	Glass/Opal	yes			595/1195/65	>> 494604
84	3000	9500	Glass/Opal		3	270	595/1195/65	>> 495632
84	3000	9500	Glass/Opal				595/1195/65	>> 494598
84	4000	10150	Glass/Opal	yes			595/1195/65	>> 494581
84	4000	10150	Glass/Opal		3	270	595/1195/65	>> 495625
84	4000	10150	Glass/Opal				595/1195/65	>> 494574
50	3000	6075	Glass/Opal	yes			595/595/65	>> 783364
50	3000	6075	Glass/Opal				595/595/65	>> 783357
50	3000	6075	Glass/Opal		3	270	595/595/65	>> 520914
50	4000	6500	Glass/Opal	yes			595/595/65	>> 783340
50	4000	6500	Glass/Opal		3	270	595/595/65	>> 520907
50	4000	6500	Glass/Opal				595/595/65	>> 783333
86	3000	9900	Glass/Opal		3	270	595/595/65	>> 520938
86	3000	9900	Glass/Opal	yes			595/595/65	>> 783401
86	3000	9900	Glass/Opal				595/595/65	>> 783395

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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	10575	Glass/Opal	yes			595/595/65	>> 783388
86	4000	10575	Glass/Opal		3	270	595/595/65	>> 520921
86	4000	10575	Glass/Opal				595/595/65	>> 783371

Lumedic SM 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	>> 494475
44	3000	6825	Glass/PRM	yes			295/1195/65	>> 494482
44	3000	6825	Glass/PRM		3	270	295/1195/65	>> 495571
44	4000	7300	Glass/PRM				295/1195/65	>> 494451
44	4000	7300	Glass/PRM	yes			295/1195/65	>> 494468
44	4000	7300	Glass/PRM		3	270	295/1195/65	>> 495564
88	3000	12800	Glass/PRM		3	270	295/1195/65	>> 495595
88	3000	12800	Glass/PRM				295/1195/65	>> 494512
88	3000	12800	Glass/PRM	yes			295/1195/65	>> 494529
88	4000	13700	Glass/PRM	yes			295/1195/65	>> 494505
88	4000	13700	Glass/PRM		3	270	295/1195/65	>> 495588
88	4000	13700	Glass/PRM				295/1195/65	>> 494499
48	3000	7325	Glass/PRM				595/1195/65	>> 494635
48	3000	7325	Glass/PRM	yes			595/1195/65	>> 494642
48	3000	7325	Glass/PRM		3	270	595/1195/65	>> 495656
48	4000	7825	Glass/PRM				595/1195/65	>> 494611
48	4000	7825	Glass/PRM	yes			595/1195/65	>> 494628
48	4000	7825	Glass/PRM		3	270	595/1195/65	>> 495649
84	3000	12700	Glass/PRM	yes			595/1195/65	>> 494680
84	3000	12700	Glass/PRM				595/1195/65	>> 494673
84	3000	12700	Glass/PRM		3	270	595/1195/65	>> 495670
84	4000	13575	Glass/PRM		3	270	595/1195/65	>> 495663
84	4000	13575	Glass/PRM	yes			595/1195/65	>> 494666
84	4000	13575	Glass/PRM				595/1195/65	>> 494659
50	3000	7600	Glass/PRM				595/595/65	>> 783432
50	3000	7600	Glass/PRM		3	270	595/595/65	>> 520952
50	3000	7600	Glass/PRM	yes			595/595/65	>> 783449
50	4000	8125	Glass/PRM	yes			595/595/65	>> 783425
50	4000	8125	Glass/PRM				595/595/65	>> 783418
50	4000	8125	Glass/PRM		3	270	595/595/65	>> 520945
86	3000	12150	Glass/PRM				595/595/65	>> 783470
86	3000	12150	Glass/PRM	yes			595/595/65	>> 783487

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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	>> 520976
86	4000	13000	Glass/PRM				595/595/65	>> 783456
86	4000	13000	Glass/PRM		3	270	595/595/65	>> 520969
86	4000	13000	Glass/PRM	yes			595/595/65	>> 783463

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