

ODIS-LED-M623

IP66/IP50


Description

Metal recessed luminaire designed for cleanroom applications in hospitals (operating rooms, ICU, examination rooms, dental offices, etc.), laboratories and microelectronic components or food production. The body is made of powder-coated steel sheet (RAL 9016) – alternatively of stainless steel AISI304 or AISI316. The luminaire cover is available in several versions – clear glass in combination with opal or microprismatic diffuser, or opal or microprismatic plastic diffuser. The luminaire has a clean design without screws for easier cleaning. The rounded inner corners of the frame eliminate dirt build-up and bacteria build-up. Equipped with high quality electronic components with LED lifetime up to 100,000 h and efficiency up to 167 lm/W. Standard versions with CRI > 90 and UGR < 19 are also available. Suitable for ambient temperatures from -20 °C to +60 °C (depending on luminaire variant). Classified for clean rooms according to ISO 14644-1. Connection via ADELS connector without opening the luminaire – quick installation and low installation costs. Large luminaire variability with regard to installation – raster ceilings M600/625, metal ceilings M598/M623 or plasterboard or other atypical ceilings.

Specifications**Operating voltage:**

220-240 V / 50/60 Hz AC, 220-240 V DC

Source:

LED, 4000K, CRI +80, MacAdam3

Housing:

Painted steel sheet RAL 9016

Cover:

GLM – frosted tempered safety glass (IK08)

OP – Optical opal plexiglass cover (IK03)

MP – Optical microprismatic cover (IK03)

CGOP – clear tempered safety glass + optical opal plexi cover (IK08)

CGMP – clear tempered safety glass + microprismatic plexi cover (IK08)

Fastening:

Installation in 625 ceiling modules, installation in raster ceiling for top mounting. The minimum height of the free cavity in the ceiling is 200 mm.

Connection:

Standard part of the luminaire is ADELS connector – quick connection without opening the luminaire. Connector terminal block max. wire cross section 2.5 mm²

Standard equipment:

ADELS connector for quick connection of the luminaire

Calculated lifetime – LED modules:

L80B10 Ta 30 – 70 000 h

L70B10 Ta 30 – 100 000 h

On request

- 3000K/4000K/5000K/6500K** – chromaticity temperatures
- MULTI** – permanent emergency lighting (1h, 3h)
- DIM** – dimmable electronic driver (DALI)
- RAL** – other colours
- CLICK** – Adjustment for suspended ceiling with snap-in profile

Variants

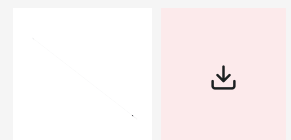
Number items	Name of variant	Luminous flux (lm)	Specific power luminaires	Power input (W)	Ta (°C)	Dimensions A x B x C (mm)
50515	ODIS-LED-M623-SQ-CGMP-3300-840	2395	141 lm/W	17	-20°Cstas60°C	623 x 623 x 79
50516	ODIS-LED-M623-SQ-CGMP-4800-840	3543	131 lm/W	27	-20°Cstas60°C	623 x 623 x 79
50517	ODIS-LED-M623-SQ-CGMP-6300-840	4665	126 lm/W	37	-20°Cstas60°C	623 x 623 x 79
50518	ODIS-LED-M623-SQ-CGMP-7200-840	5404	132 lm/W	41	-20°Cstas60°C	623 x 623 x 79
50519	ODIS-LED-M623-SQ-CGMP-8700-840	6482	132 lm/W	49	-20°Cstas60°C	623 x 623 x 79
50520	ODIS-LED-M623-SQ-CGMP-12000-840	8904	127 lm/W	70	-20°Cstas45°C	623 x 623 x 79
50545	ODIS-LED-M623-R-CGMP-3300-840	2196	129 lm/W	17	-20°Cstas60°C	1247 x 312 x 79
50546	ODIS-LED-M623-R-CGMP-4800-840	3262	121 lm/W	27	-20°Cstas60°C	1247 x 312 x 79
50547	ODIS-LED-M623-R-CGMP-6300-840	4294	116 lm/W	37	-20°Cstas60°C	1247 x 312 x 79
50548	ODIS-LED-M623-R-CGMP-7200-840	4950	121 lm/W	41	-20°Cstas60°C	1247 x 312 x 79
50549	ODIS-LED-M623-R-CGMP-8700-840	5909	121 lm/W	49	-20°Cstas55°C	1247 x 312 x 79
50550	ODIS-LED-M623-R-CGMP-12000-840	8196	117 lm/W	70	-20°Cstas45°C	1247 x 312 x 79
52285	ODIS-LED-M623-SQ-CGMP-3300-940	2036	120 lm/W	17	-20°Cstas60°C	623 x 623 x 79
52286	ODIS-LED-M623-SQ-CGMP-4800-940	3012	112 lm/W	27	-20°Cstas60°C	623 x 623 x 79
52287	ODIS-LED-M623-SQ-CGMP-6300-940	4001	108 lm/W	37	-20°Cstas60°C	623 x 623 x 79
52288	ODIS-LED-M623-SQ-CGMP-7200-940	4594	112 lm/W	41	-20°Cstas60°C	623 x 623 x 79
52289	ODIS-LED-M623-SQ-CGMP-8700-940	5510	112 lm/W	49	-20°Cstas60°C	623 x 623 x 79
52290	ODIS-LED-M623-SQ-CGMP-12000-940	7568	108 lm/W	70	-20°Cstas45°C	623 x 623 x 79
52315	ODIS-LED-M623-R-CGMP-3300-940	1868	110 lm/W	17	-20°Cstas60°C	1247 x 312 x 79
52316	ODIS-LED-M623-R-CGMP-4800-940	2772	103 lm/W	27	-20°Cstas60°C	1247 x 312 x 79
52317	ODIS-LED-M623-R-CGMP-6300-940	3752	101 lm/W	37	-20°Cstas60°C	1247 x 312 x 79
52318	ODIS-LED-M623-R-CGMP-7200-940	4210	103 lm/W	41	-20°Cstas60°C	1247 x 312 x 79
52319	ODIS-LED-M623-R-CGMP-8700-940	5024	103 lm/W	49	-20°Cstas55°C	1247 x 312 x 79
52320	ODIS-LED-M623-R-CGMP-12000-940	7066	101 lm/W	70	-20°Cstas45°C	1247 x 312 x 79

Luminous flux and luminaire power tolerance $\pm 10\%$
 You can view the variant detail via the item number.

Accessories

Set of safety suspension

Item number: **57512**
 Product type: **051232**



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