

**ODIS-LED-M598**
**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 mm<sup>2</sup>

**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)
50455	ODIS-LED-M598-SQ-CGMP-3300-840	2395	141 lm/W	17	-20°Cstas60°C	598 x 598 x 79
50456	ODIS-LED-M598-SQ-CGMP-4800-840	3543	131 lm/W	27	-20°Cstas60°C	598 x 598 x 79
50457	ODIS-LED-M598-SQ-CGMP-6300-840	4665	126 lm/W	37	-20°Cstas60°C	598 x 598 x 79
50458	ODIS-LED-M598-SQ-CGMP-7200-840	5404	132 lm/W	41	-20°Cstas60°C	598 x 598 x 79
50459	ODIS-LED-M598-SQ-CGMP-8700-840	6482	132 lm/W	49	-20°Cstas60°C	598 x 598 x 79
50460	ODIS-LED-M598-SQ-CGMP-12000-840	8904	127 lm/W	70	-20°Cstas45°C	598 x 598 x 79
50485	ODIS-LED-M598-R-CGMP-3300-840	2196	129 lm/W	17	-20°Cstas60°C	1198 x 298 x 79
50486	ODIS-LED-M598-R-CGMP-4800-840	3262	121 lm/W	27	-20°Cstas60°C	1198 x 298 x 79
50487	ODIS-LED-M598-R-CGMP-6300-840	4294	116 lm/W	37	-20°Cstas60°C	1198 x 298 x 79
50488	ODIS-LED-M598-R-CGMP-7200-840	4950	121 lm/W	41	-20°Cstas60°C	1198 x 298 x 79
50489	ODIS-LED-M598-R-CGMP-8700-840	5909	121 lm/W	49	-20°Cstas55°C	1198 x 298 x 79
50490	ODIS-LED-M598-R-CGMP-12000-840	8196	117 lm/W	70	-20°Cstas45°C	1198 x 298 x 79
52225	ODIS-LED-M598-SQ-CGMP-3300-940	2036	120 lm/W	17	-20°Cstas60°C	598 x 598 x 79
52226	ODIS-LED-M598-SQ-CGMP-4800-940	3012	112 lm/W	27	-20°Cstas60°C	598 x 598 x 79
52227	ODIS-LED-M598-SQ-CGMP-6300-940	4001	108 lm/W	37	-20°Cstas60°C	598 x 598 x 79
52228	ODIS-LED-M598-SQ-CGMP-7200-940	4594	112 lm/W	41	-20°Cstas60°C	598 x 598 x 79
52229	ODIS-LED-M598-SQ-CGMP-8700-940	5510	112 lm/W	49	-20°Cstas60°C	598 x 598 x 79
52230	ODIS-LED-M598-SQ-CGMP-12000-940	7568	108 lm/W	70	-20°Cstas45°C	598 x 598 x 79
52255	ODIS-LED-M598-R-CGMP-3300-940	1868	110 lm/W	17	-20°Cstas60°C	1198 x 298 x 79
52256	ODIS-LED-M598-R-CGMP-4800-940	2772	103 lm/W	27	-20°Cstas60°C	1198 x 298 x 79
52257	ODIS-LED-M598-R-CGMP-6300-940	3752	101 lm/W	37	-20°Cstas60°C	1198 x 298 x 79
52258	ODIS-LED-M598-R-CGMP-7200-940	4210	103 lm/W	41	-20°Cstas60°C	1198 x 298 x 79
52259	ODIS-LED-M598-R-CGMP-8700-940	5024	103 lm/W	49	-20°Cstas55°C	1198 x 298 x 79
52260	ODIS-LED-M598-R-CGMP-12000-940	7066	101 lm/W	70	-20°Cstas45°C	1198 x 298 x 79

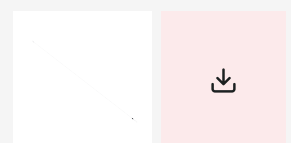
Luminous flux and luminaire power tolerance  $\pm 10\%$

You can view the variant detail via the item number.

## Accessories

### Set of safety suspension

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



© 2026 All rights reserved. VYRTYCH a.s. does not warrant the accuracy or completeness of the information provided herein and is not responsible for any events that may occur as a result of unqualified reliance on this information. The information contained herein does not constitute a commercial offer and does not form part of a quotation or contract, unless confirmed by VYRTYCH a.s..