

Lumistar Luminaire ASL 57-LED, Aluminium



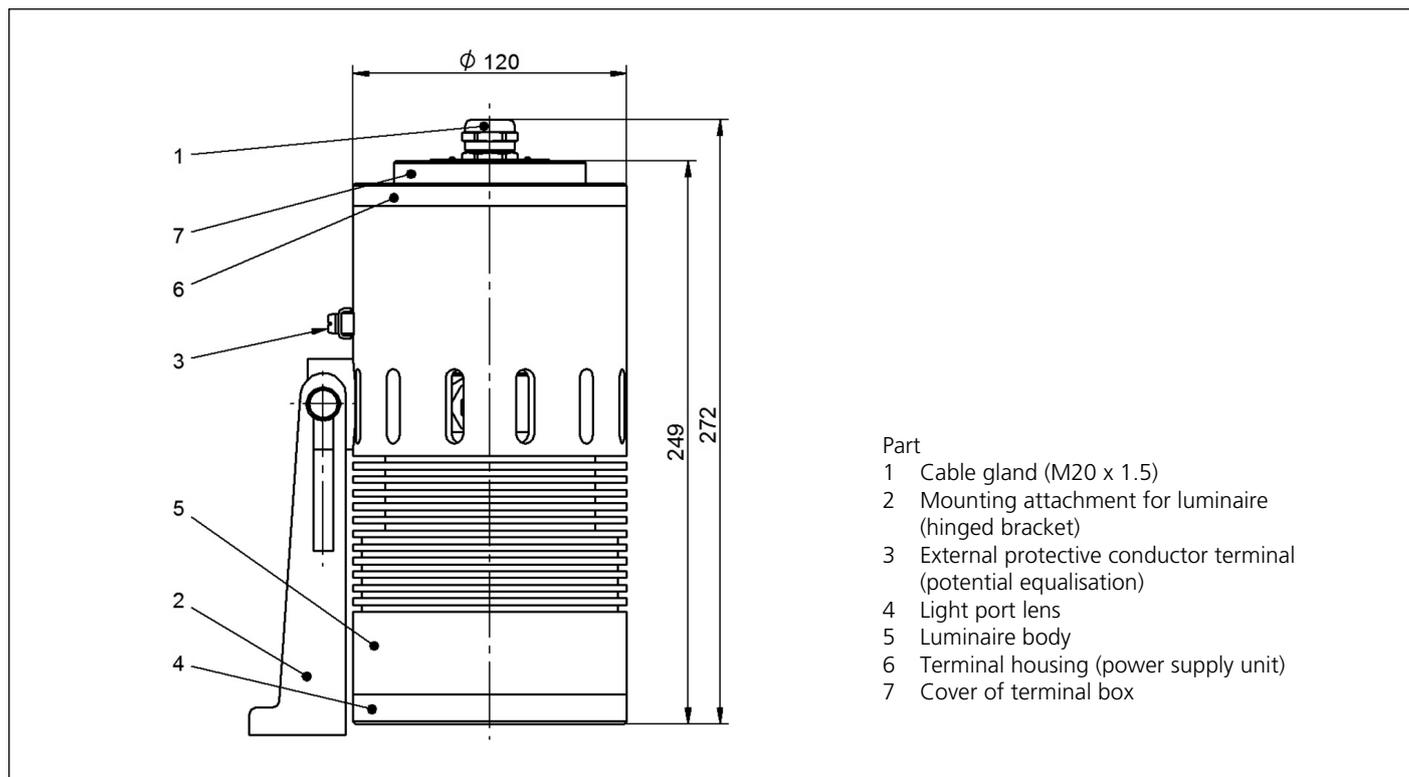
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- **For mounting on sight glass fittings**
This sight glass luminaire is designed for universal applications and is ideal for use in combined sight and light ports (single-flange version) or with two separate ports (2-flange version).
- **The specific advantages of Lumiglas LED technology:**
 - vibration-resistant
 - long service life and operational reliability
 - LED functions up to about 50,000 hours in continuous operations
 - optimal for fittings that are difficult to access
 - no heat radiation in the light aperture (cold light)
 - no unwanted additional heat in chemical and/or biological processes
 - extremely high-contrast illumination
- **Compact design, powerful light output:** Glare-free illumination; fits circular sight glass fittings to DIN 28120/DIN 28121 or similar, for screw-type sight glass fittings in compliance with DIN 11851, and for sight glass fittings on flow indicators.
- **Application:** For illuminating visual flow indicators, pipelines, laboratory mixers, bio-reactors as well as the interior of tanks, hoppers, silos, agitators and other, normally closed, vessels and reactors in non-explosive environments.
- **Protection class:** IP 65
- **Operating conditions:** Independent of vacuum/pressure in the vessel. Under no circumstances should a sight glass luminaire be used as a substitute for the cover flange or instead of the complete sight glass flange assembly, or on its own to close a vessel port.
- **Lumistar luminaires of this type are approved for use in ambient temperatures of between -20°C and +40°C.**
- **Operating voltage:**
24 V AC/DC 35 W; 120-230 V AC 35 W,
equipped with one high-power LED
- **Voltage type:** AC/DC
- **Fastening options:**
Luminaires for sight glasses on circular fittings and visual flow indicators are mounted on the cover flange using the hinged bracket. With the screw-type sight glass fitting acc. to DIN 11851 or similar, the luminaire is fastened with a flange collar or direct on the slotted nut.



Lumistar luminaire ASL 57-LED

• **Dimensions and electrical data for Lumistar luminaire ASL 57-LED:**



- Part
- 1 Cable gland (M20 x 1.5)
 - 2 Mounting attachment for luminaire (hinged bracket)
 - 3 External protective conductor terminal (potential equalisation)
 - 4 Light port lens
 - 5 Luminaire body
 - 6 Terminal housing (power supply unit)
 - 7 Cover of terminal box

• **Components, design and materials:**

- Luminaire body (5) and cover of terminal box (7): Aluminium alloy EN AW-2007, paint finish RAL 9007
- Light port lens (4): Unit consisting of ring flange (aluminium alloy EN AW-2007, paint finish RAL 9007) and borosilicate glass
- Hinged mounting bracket (2): Stainless steel 1.4301 (see Accessories)
- Cable gland (1): M20x1.5

• **Weight:** 4.5 kg

• **Connecting data:**

Item	ASL 57-LED	Part No.	Nominal voltage Volt	Illuminant
1	(24 V) 35 W	3541.492.00	24 ≈	1 high-power LED
2	(120-230 V) 35 W	3541.491.00	120-230 ~	1 high-power LED

• **Accessories:**

Item	Product	Part No.
1	Luminaire mounting – hinged bracket	0354.029.00
2	Luminaire mounting – flanged adapter collar for welding ...on MV65 ...on MV80 ...on MV100 and MV125	1356.063.00 1356.062.00 1356.023.00
3	External timer switch, 12-240 V AC, (time range: 0.1 sec. to 20 h)	8670.051.00

• **Order data:** e.g.

Lumistar luminaire ASL 57-LED (24 V) 35 W, part no. 3541.492.00,
luminaire mounting, hinged bracket, part no. 0354.029.00