

Lumistar Luminaire ASL 57-LED, Aluminium



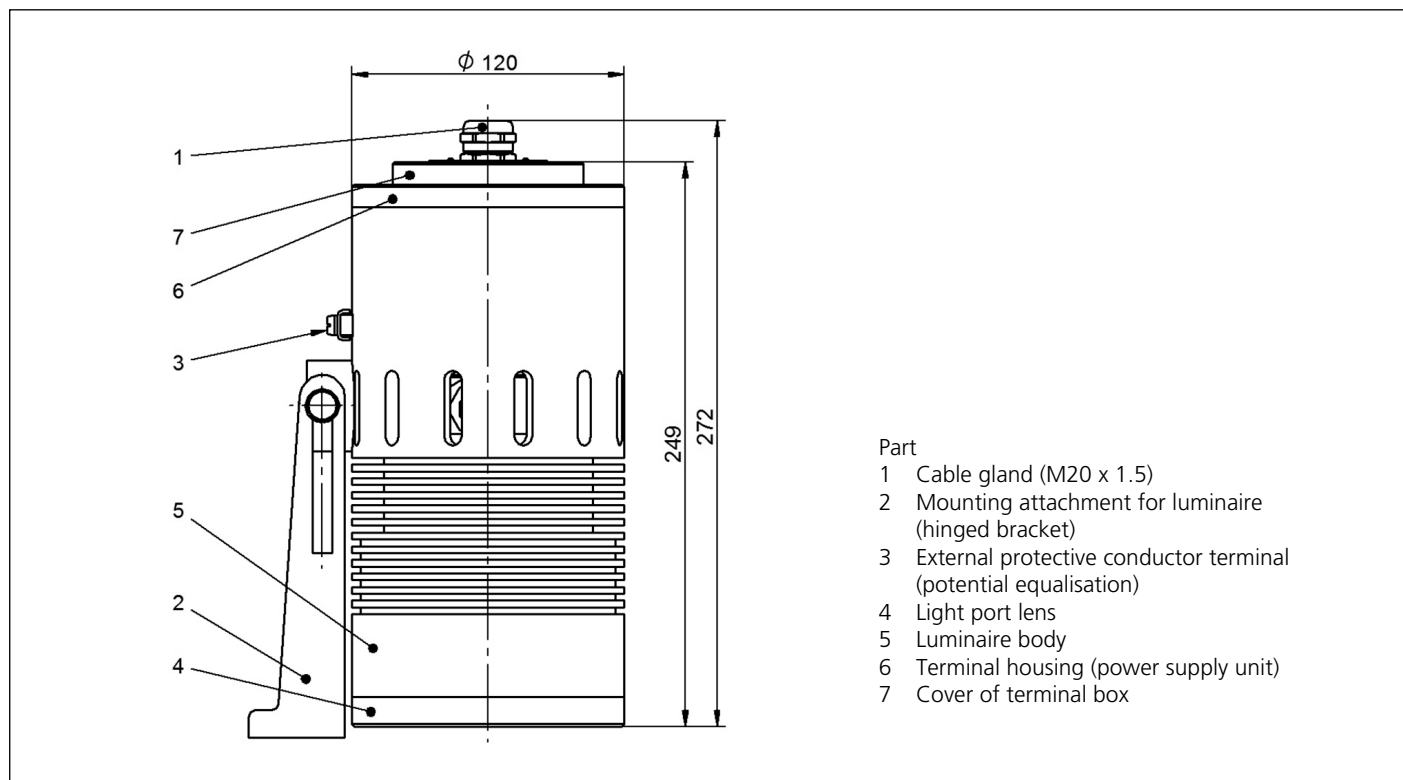
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- **For mounting on sight glass fittings**
This sight glass luminaire is designed for universal applications and is ideal for use in combined sight and light ports (single-flange version) or with two separate ports (2-flange version).
- **The specific 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:**



• **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