



Lumistar ASL57LED-Ex Projector

- II 2G Ex db IIC T6 Gb
- II 2D Ex tb IIIC T80°C Db

For installation on sight glass fittings:

ATEX spotlight for inspection windows: compact, high-performance, glare-free, vibration-resistant, featuring LED technology (50,000 hours), cold light, and high light output. Ideal for use in challenging environments.

compatible with:

DIN 28120 sight glasses: DN 100

DIN 28121 sight glasses: DN 125

Flow indicators: DN 50

DIN 11851 threaded sight glasses: flanged collar or grooved nut.

Mounting alternatives:

For circular sight glass and visual flow indicators, the projector is affixed to the cover flange via the hinged bracket.

For screw-in sight glass, the spotlight is affixed to the grooved nut on the cover.

Application:

engineered for illuminating process tanks, storage units, circulation controllers, and reactors in hazardous environments.

Protection classification:

IP65 and IP67 in accordance with DIN EN 60529

Operating conditions:

Regardless of the internal pressure within the tank, the installation occurs externally, behind an appropriate sight glass. The projector should never be utilized to substitute the flange or seal a tank opening.

Caution: Avoid direct eye contact with the light source – risk of vision impairment!

Room temperature:

Projectors of this type are authorized for operation in ambient temperatures ranging from -20°C to +40°C.

Operating voltage/power:

24 V AC/DC – 35 W

120-230 V AC – 35 W Featuring a high-power LED Color temperature: 5000 K

Luminous flux: 1840 lm Beam angle: 35°



Technical specifications of explosion protection (Ex):

Approved in accordance with the EN 60079-ff standard.

- Ignition protection category: Ex d(e)

- Explosion categories:

IIC (comprising IIA and IIB) IIIC (comprising IIIA and IIIB)

- EC type examination certificate:

BVS 14 ATEX E 122 X II 2G Ex d(e) IIC T6 Gb II 2D Ex tb IIIC T80°C Db

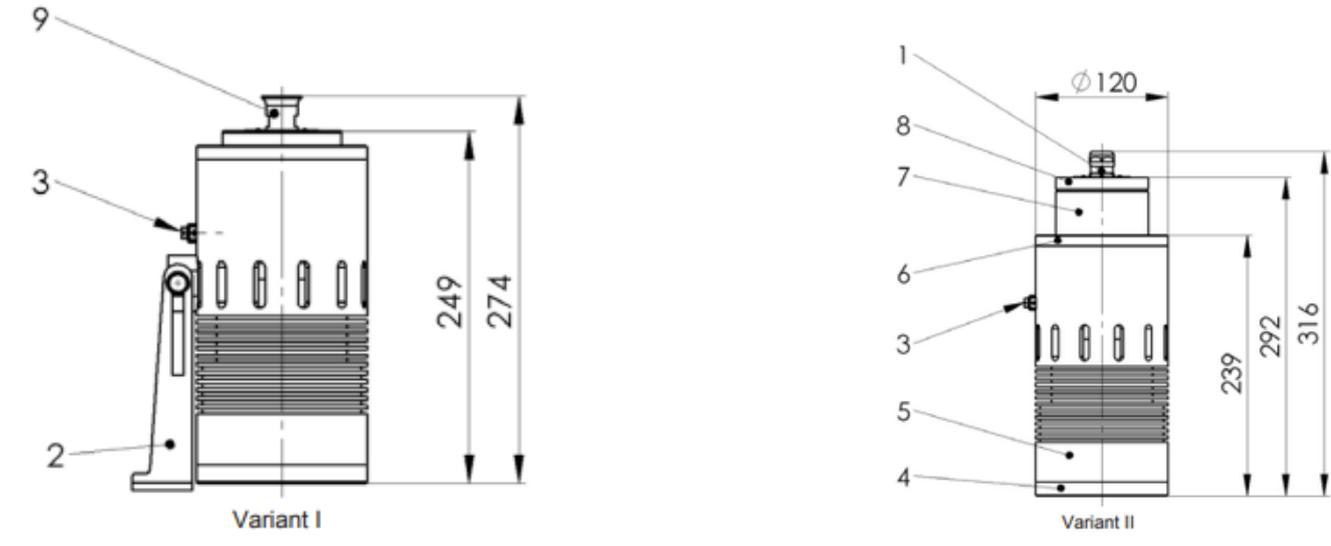
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GALLET INDUSTRIAL EQUIPMENT

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Dimensions and electrical specifications:



1. Molded cable entry (M20 x 1.5)
2. Projector mounting bracket
3. External protection terminal
4. Light port lens
5. Former projector housing
6. Ex-d terminal box (power supply)
7. Ex-e junction box (featuring a flat seal)
8. Junction box lid
9. Molded cable entry (M20 x 1.5)

Connection and operational data:

ASL 57 LED-Ex	Variant with 2 m molded cable	Variant featuring a connection box	Color temperature	Ambient temperature $-20^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$
24 V 35 W	Possible	Possible	5000 k	2G T6 / 2D T80°C
120-230 35W	Possible	Possible	5000 k	2G T6 / 2D T80°C
24 V 35 W	Possible	Possible	5000 k	2G T6 / 2D T80°C
120-230 35W	Possible	Possible	5000 k	2G T6 / 2D T80°C

Other information:

5m, 10m, 20m molded cable option

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