

Lumistar LED projector

- Available sizes: 80, 100, 125, 150, 175, 225

TECHNICAL SPECIFICATIONS:

Ambient temperature: maximum 50°C (70°C with push button) Operating voltage: 24 V AC/DC, 120-230 V AC Power: 5 W to 15 W, depending on the model

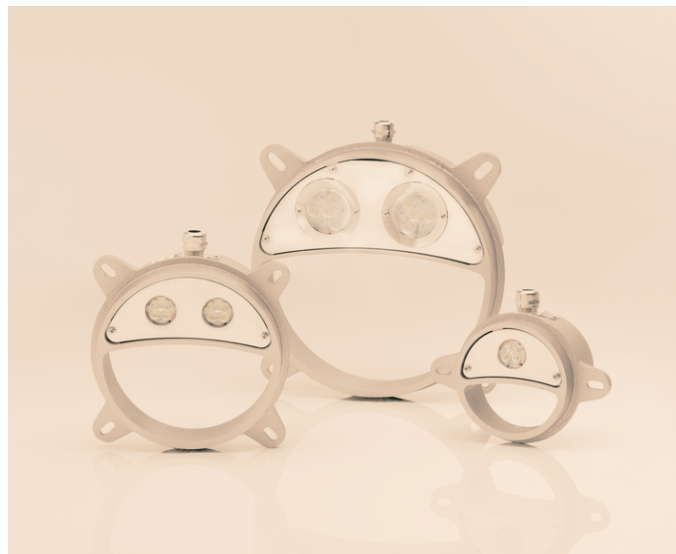
LIGHTING DATA:

Color temperature: refer to table Luminous flux: refer to table Beam angle:

- Lumistar 80-LED to 175-LED: 18° or 30°
- Lumistar 225-LED: 11° or 26°

PROTECTION:

Dust and splash resistant (IP65, EN 60 529)



APPLICATION:

- For circular SIGHT GLASS conforming to DIN 28120 or similar standards (DN 50 to DN 200)
- Illumination of pressure vessels, tanks, silos, mixers, and other enclosed containers
- Appropriate for non-explosive settings and the food sector.

MECHANICAL INSTALLATION:

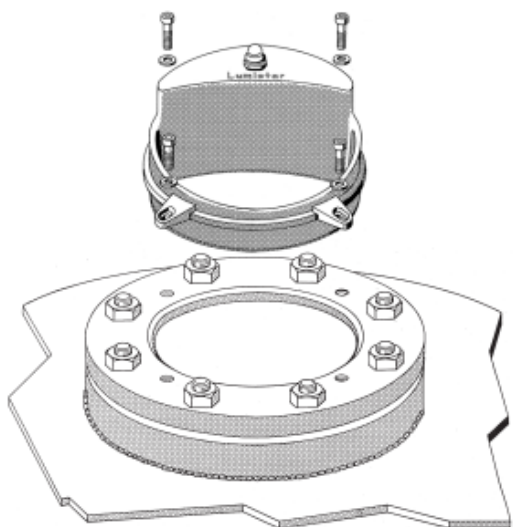
- Securing the circular sight glass flange with two or four bolts.
- Gasket is included.
- A2 stainless steel bolts provided

ELECTRICAL CONNECTION:

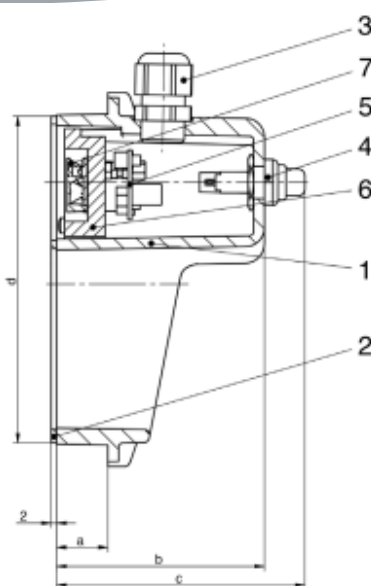
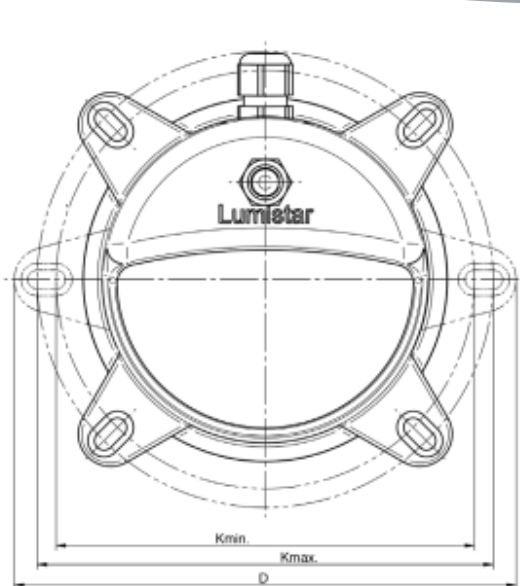
- 3-meter cable factory-installed (other lengths available upon request)
- Engineered for continuous or push-button functionality.

MATERIALS:

- Projector casing: corrosion-resistant cast aluminum
- Paint finish: RAL 9007



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1. **Projector casing**
2. **Flange seal**
3. **Cable connection**
4. **Press button**
5. **Power supply circuit board**
6. **Cooling plate**
7. **Module LED**

Lumistar LED	/	1	2	3	4	5	6	7
Size (viewing diameter)	/	80	100	125	150	175	225	225
Corresponds to DIN 28120 or a comparable installation.	DN	DN50	DN80	DN100	DN125	DN150	DN200	DN200
Volt	In	24V	24V	24V	24V	24V	24V	230V
Power	IN	5W	6W	6W	6/10W	6/12W	15 / 15 1x7 / 2x4 LED	15 / 15 1x7 / 2x4 LED
Ø of the screw drilling circumference	K min / Max	104 - 118	126 - 140	155 - 169	180 - 194	208 - 222	258 - 282	258 - 282
	D	135	157	186	211	243	303	303
	d	77	97	122	147	172	222	222
	a	13	17	19	22	27	32	32
	b	65	75	77	80	85	95	95
	c	80	90	92	95	100	110	110
oval mounting aperture	/	2 Pcs. 14 x 7	2 Pcs. 14 x 7	4 pieces, 14 x 7	4 pieces, 14 x 7	4 pieces, 16 x 9	4 pieces, 21 x 9	4 pieces, 21 x 9
bolts	/	M 6 x 16	M 6 x 16	M 6 x 16	M 6 x 16	M 8 x 16	M 8 x 16	M 8 x 16
Approximate weight (kg)	KG	0,300	0,450	0,550	0,650	0,800	1,400	1,400
Luminous flux (lm)	LM	450	600	600	600/950	600/1200	800/1400	800/1400
Color temperature	K	5700	5700	5700	5700	5700	5700	5700

Options available upon request:

Available with or without blood pressure

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