LUMIGLASS

Lumistar ME-LED Projector

- **Available sizes: 65, 80, 100, 125**



Utilize:

Designed for compatibility with screw-on portholes.
A combination of a viewing port and a light port, designed for round screw ports that comply with DIN 11851 or similar standards, ranging from DN 65 to DN 125.
Illumination of pipes, laboratory mixers, and the interiors of tanks, vats, agitators, and other typically sealed containers in non-explosive operational environments. Appropriate for food processing facilities.

PROTECTION:

- Once properly installed, sealing at Dust and water splash protection, compliant with IP 65 according to EN 60 529/DIN VDE 0470 Part 1.
- Maximum ambient temperature at the cable entry point: 40°C.
- Warning: Avoid direct eye contact with the light – Potential risk to vision!

Electrical specifications:

- Operating Voltage / Power:
- ME 65-LED and ME 80-LED: 12-24V DC – 1.5W
- ME 100-LED and ME 125-LED: 24V AC/DC –
- 2W
- Color temperature: 5000K
- Luminous flux:
- 1.5 W = 104 lm
- 2.0 W = 170 lm Beam angle: 26° or 33°.
- Transformers or electronic power supplies are available upon request. Integrated
- switch: Lumistar ME-LED spotlights can be provided with or without an integrated push-button switch.

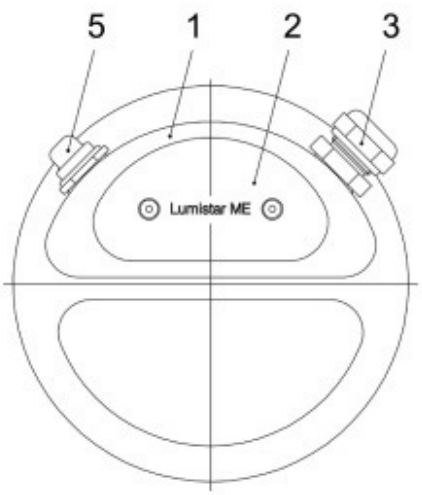
MECHANICAL INSTALLATION:

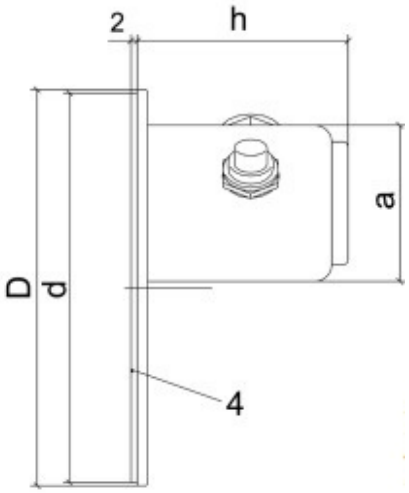
- Please adhere to the specified loosening torque for the cover. split nut (refer to table).
- Loosen the split nut on the threaded porthole.
- Slide the split nut onto the connecting cable and the projector housing.
- Verify that the porthole is properly aligned within the fitting.
- Center the projector by aligning the centering feature with the split nut.
- Secure the split nut against the soldering adapter with the projector installed.

ELECTRICAL CONNECTION:

- The Lumistar ME-LED projector is equipped with a pre-installed, ready-to-use 3-meter heat-resistant connection cable (Lapptherm 105, rated for temperatures up to 90°C). Additional cable lengths can be provided upon request.
- The connecting cable must be attached to the power source, ensuring that polarity is observed.
- **12-24 V DC: Brown (+), Blue (-), Green-yellow (ground)**
- **24 V AC/DC: Brown (-), Blue (-), Green-yellow (ground)**

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1. Projector housing
2. Cover
3. Cable gland
4. Flanged O-ring
5. Push button

Taille	/	1	2	3	4
Projecteur ME LED	Type	ME 65-LED	ME 80-LED	ME 100-LED	ME 125-LED
Adapté aux raccords de hublot à vis selon DIN 11851 ou similaire.	DN	65	80	100	125
Volt	V	12-24DC	12-24DC	24 AC/DC	24 AC/DC
Puissance	W	1.5	1.5	2	2
Ø du cercle de perçage des vis	D	89	102	122	152
	d	86	99	119	149
	a	35	35	48	48
Ouverture de l'écrou selon DIN 11851.	h	50	50	65	65
	db	80	94	115	138
Poids approx. (kg)	KG	0.340	0.360	0.460	0.480
Température de couleur	K	5000	5000	5000	5000

Option declaration:

Available with or without
blood pressure monitoring

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