

Lumiglas ESKS and SKS Light/View Connector featuring LED technology

Application:

The ESKS fittings serve a dual function: load-bearing/access and lighting/viewing. Incorporating a luminaire, they are designed to illuminate the inside of tanks (vessels, silos, bunkers, mixers). The SKS version is similar but does not include the luminaire. These fittings are suitable for the food industry. They can be installed with either a welded flange or a bolted flange for flat walls.

Safety Precautions:

- Never open under pressure! Reduce pressure to zero before any handling.
- Do not look directly at the light! Risk of eye damage.

Protection:

Complies with IP 65 (protection against dust and water jets) according to EN 60 529 / DIN VDE 0470 T1

Operating Conditions:

Pressure:

- SKS/ESKS 225: 0.5 bar
- SKS/ESKS 150: 1.0 bar

Temperature:

- Tank: 150°C (soda-lime glass), 200°C (borosilicate glass)
- Ambient: 45°C max. for the luminaire

Electrical Data:

- ESKS 150: 24V AC/DC – 6W or 10W
- ESKS 225: 24V AC/DC, 230V AC – 15W
- Transformers available as an option

Mechanical Assembly:

The fitting is supplied pre-assembled. Before welding, remove the frame and hinge. Verify the positioning and swing direction. For welded flanges: ensure the fitting is fixed without deformation. For bolted flanges: a perfectly flat wall is required.

Composition

1. Luminaire Lumistar (ESKS version only)
2. Luminaire frame with viewing window
3. Welded or bolted flange
4. Closure button
5. Closure latch
6. Hinge assembly
7. Fixing ring (for SKS only, replaces the luminaire)



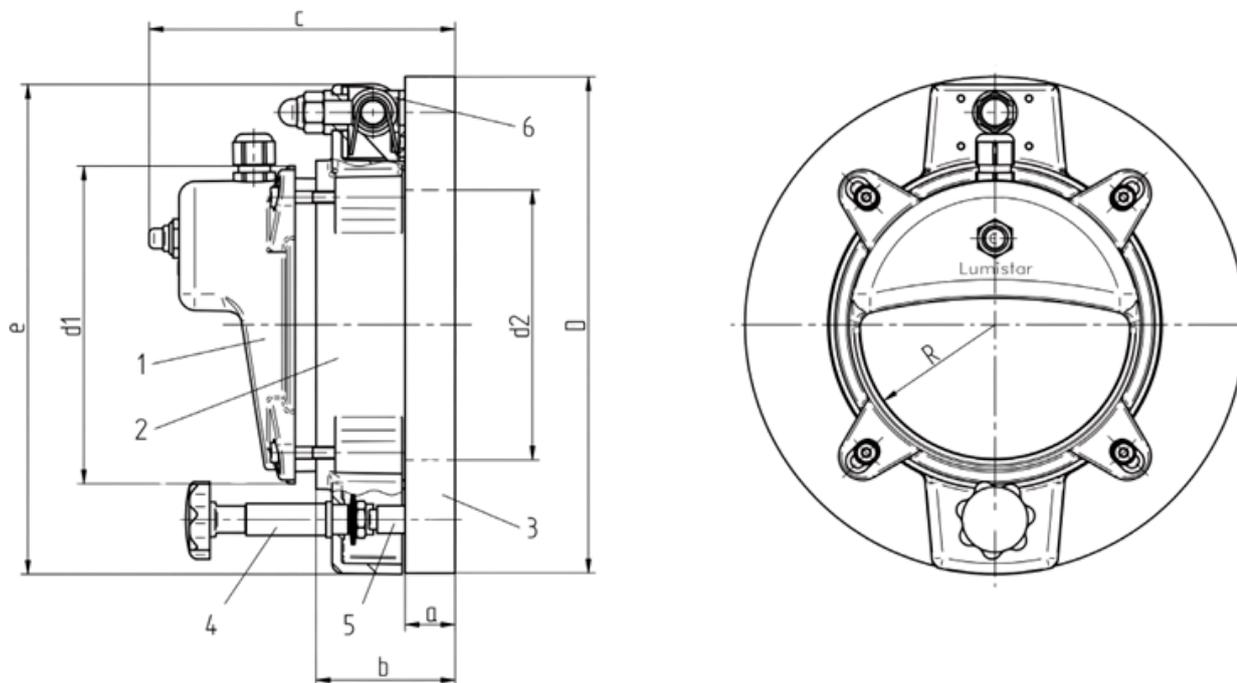
Raccord lumière/regard Lumiglas ESKS



Raccord de regard Lumiglas SKS

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Dimensions and electrical specifications of ESKS and SKS connectors:



Components, assembly, and materials:

Luminaire body: corrosion-resistant die-cast aluminum, finished in RAL 9007.

- Welding flange: S235JR+N steel (RST 37-2) or stainless steel.
- Inspection disc: tempered soda-lime glass or borosilicate glass.
- Gaskets: silicone elastomer
- Lock: galvanized or painted steel; star handle: plastic

Type		ESKS 150	SKS 150	ESKS 225	SKS 225
Dimensions	a	25	25	25	25
	b	71	71	80	80
	c	185.5	90	167	100
	d ₁	165	165	235	235
	e	247	247	333	333
	d ₂	136	136	205	205
	D	250	250	335	335
	R	70	70	104	104
Tension		24 V AC/DC	Sans luminaire, juste un regard.	24 V AC/DC; 230 V AC	Sans luminaire, juste un regard.
Puissance		6 W ou 10 W		15 W	

Order data: e.g. lumiglas light/viewport fitting type 150, 24 -6w, welding flange 1.4571, maximum temperature 200°C. Special design: Upon request, all metal components that come into contact with the product can be fabricated from stainless steel.

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