

RAKEAN INOX™ LUMINAIRES

CE CERTIFIED BIS CERTIFIED R-62006238



Rakean Inox™ Luminaires, Engineered for demanding industrial environments, the Rakean Inox™ Luminaire is specifically designed to meet the rigorous requirements of tank illumination. Its robust construction and versatile design make it ideal for installation on both sight glass and light glass assemblies, ensuring reliable visibility and safety in critical process conditions.



• Mounting parts:

The luminaire is provided with hinged mounting bracket . Flanged collar for mounting on screw-type sight glass fittings of DN 65 or greater can be ordered separately.

• Components and materials:

Constructed from heavy-duty 304 stainless steel for superior heat absorption and corrosion protection. Borosilicate glass cover to enhance the transmission of light. All electrical components are of premium quality and sourced from reputable manufacturers such as Osram, Siemens, G-Energy, and others. Cable glands and switches comply with IP65 protection standards and are equipped with fire-resistant cables, ensuring high safety and durability in demanding environments.

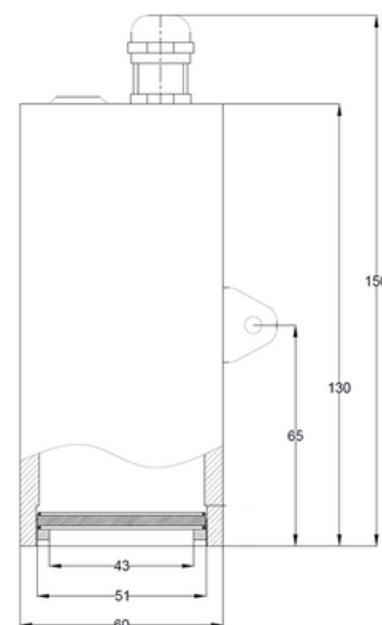
• Protection class:

Dust and water proof- IP 65

• Certification:

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MODEL No.	LED WATT	VOLT	PUSH BUTTON
RI.60.05.24.M	5.5	24	Momentary
RI.60.07.24.M	7.5	24	Momentary
RI.60.05.23.M	5.5	230	Momentary
RI.60.07.23.O	7.5	230	On/Off
RI.60.07.23.M	7.5	230	Momentary
RI.60.05.24.O	5.5	24	On/Off
RI.60.07.24.O	7.5	24	On/Off
RI.60.05.23.O	5.5	230	On/Off



• Other Details:

Colour temperature: 3000K/ 6500K Luminous flux: 500 Lm at 5.5 W.

Colour temperature: 3000K/ 6500K Luminous flux: 700Lm at 7.5 W.

230V AC, 12 V, 24 V AC/DC

Connecting cable: 3 m (3 x 1 Sq MM) works fitted (further lengths on request)

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• Mounting parts:

The luminaire is provided with Screwed DIN Union. More than 50% viewing area and can be installed from DN65 sizes.

• Components and materials:

Constructed from heavy-duty 304 stainless steel for superior heat absorption and corrosion protection.

Borosilicate glass cover to enhance the transmission of light and with PTFE, silicon or EPDM Gaskets to choose from.

All electrical components are of premium quality and sourced from reputable manufacturers such as Osram, Siemens, G-Energy, and others. Cable glands and switches comply with IP65 protection standards and are equipped with fire-resistant cables, ensuring high safety and durability in demanding environments.

• Protection class:

Dust and water proof - IP 65

• Certification:

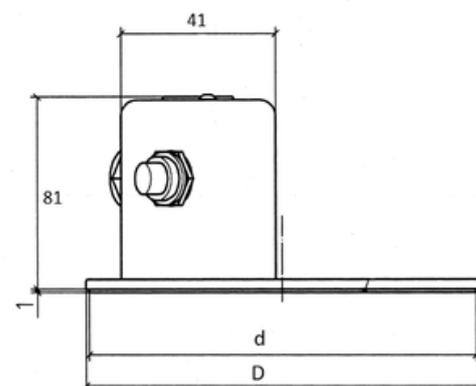
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• Other Details:

Colour temperature: 3000K Luminous flux: 450 Lm at 2.5 W.

12 V, 24 V AC/DC

Connecting cable: 3 m (3 x 1 Sq MM) works fitted (further lengths on request)



MODEL No.	SIZE	D	d	LED WATT	VOLT	PUSH BUTTON
RI.35.25.2.UM	DN65	89	86	2.5	24	Momentary
RI.35.25.1.UM	DN100	122	119	2.5	12	Momentary
RI.35.25.2.UO	DN65	89	86	2.5	24	On/Off
RI.35.25.1.UO	DN100	122	119	2.5	12	On/Off

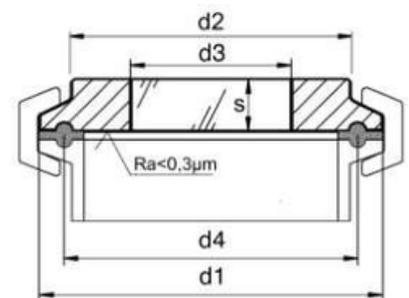
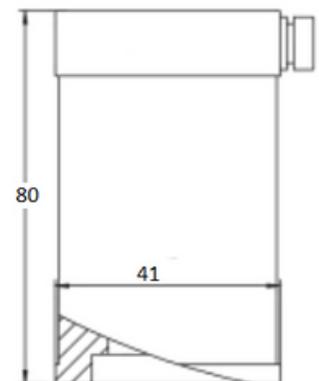
• Other Details:

Colour temperature: 3000K Luminous flux: 450 Lm at 2.5 W.

12 V, 24 V AC/DC

Connecting cable: 3 m (3 x 1 Sq MM) works fitted (further lengths on request)

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• Mounting parts:

The luminaire is provided with hinged mounting bracket and Fused Glass. Flanged collar for mounting on screw-type sight glass fittings of DN 50 or greater can be ordered separately. TC Fused Glass Luminaire can mounted directly on 1" or 1.5" Triclover.

• Components and materials:

Constructed from heavy-duty 304 stainless steel for superior heat absorption and corrosion protection.

Borosilicate glass/ Fused glass cover to enhance the transmission of light and can be mounted directed on 1" and 1.5" Triclover.

All electrical components are of premium quality and sourced from reputable manufacturers such as Osram, Siemens, G-Energy, and others. Cable glands and switches comply with IP65 protection standards and are equipped with fire-resistant cables, ensuring high safety and durability in demanding environments.

• Protection class:

Dust and water proof - IP 65

F: Fused Glass

H: Hinged Bracket

• Certification:

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• Other Details:

Colour temperature: 3000K Luminous flux: 450 Lm at 2.5 W.

12 V, 24 V AC/DC

Connecting cable: 3 m (3 x 1 Sq MM) works fitted (further lengths on request)

MODEL No.	LED WATT	VOLT	PUSH BUTTON
RI.35.25.2.FM	2.5	24	Momentary
RI.35.25.1.FM	2.5	12	Momentary
RI.35.25.2.FO	2.5	24	On/Off
RI.35.25.1.FO	2.5	12	On/Off
RI.35.25.2.HM	2.5	24	Momentary
RI.35.25.1.HM	2.5	12	Momentary
RI.35.25.2.HO	2.5	24	On/Off
RI.35.25.1.HO	2.5	12	On/Off

RAKEAN INOX™ LUMINAIRES

Sight Glass for Sanitary Glass Fittings

• Applications:

- For Clamp Fittings ASME-BPE
- For NA Connector

• Operating Conditions:

Pressure - 1 to 16 bar
 Temperature -30° C to +180°C

• Materials Certificate:

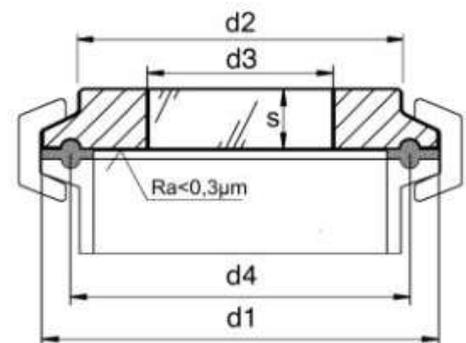
- Inspection Certificate to EN 10204-3.1
- Certificate of Conformity for Glass

• Advantages:

Extremely compact construction
 Suitable for All Process Industry & other sterile applications (A3 Standard)
 Reliability against total failure - the possibility of sudden unexpected rupture is totally excluded Fast & simple installation & maintenance
 Extreme resistance to impact and temperature
 Wide acceptance in the Bio-Technology, food & beverage, Pharmaceutical and chemical industries

• Ring Material:

SS316L



Size in Inches	d1	d2	d3	d4	S	Maximum Pressure
1"- 1.5"	50.5	42.9	25	43.5	10	16
2"	64	53.5	30	56.5	10	16
2.5"	77.5	68.5	35	70.5	10	16
3"	91	77	40	83.5	10	10
3.5"	106	92	50	97	10	10
4"	119	103.5	55	110	12	10
4.5"	130	114	60	122	16	10
5"	144.5	127	65	134.5	16	10
6"	167	152	75	156.5	16	6

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Contact Us :

Rakean Inox

Sy.No.136, Khaji Sonenahalli, Kadugodi Post,
Benaguru - 560067,
Karnataka, India.

Mail id : Sales@ilt-india.com

Phone: +91 9743383999