



Projector LUMISTAR ESL53LED-Ex

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

Application:

ATEX zones 1, 2, 21, and 22 (gas and dust) Lighting for tanks, reservoirs, agitators, silos, and closed containers Utilization with visual flow indicators Compatible with round sight glasses DIN 28120/28121, DIN 11851, and similar LED technology: low energy consumption, extended lifespan, optimized illumination

Protection class:

IP65 and IP67 in accordance with DIN EN 60529

Technical specifications of explosion protection (Ex):

Complies with Directive 2014/34/EU.

- **Gas: EN IEC 60079-0:2018 / EN 60079-1:2014**

Explosion group: IIC (encompasses IIA and IIB) Temperature: T6 at 40°C / T4 at 50°C

- **Dust: EN IEC 60079-0:2018 / EN 60079-31:2014**

Explosion group: IIIC (encompasses IIIA and IIIB) Temperature: T85°C to 40°C / T130°C to 50°C

- **Certification: BVS 20 ATEX E 016**

II 2G Ex db IIC T6 / T4 Gb II 2D Ex tb IIIC T85°C / 130°C Db

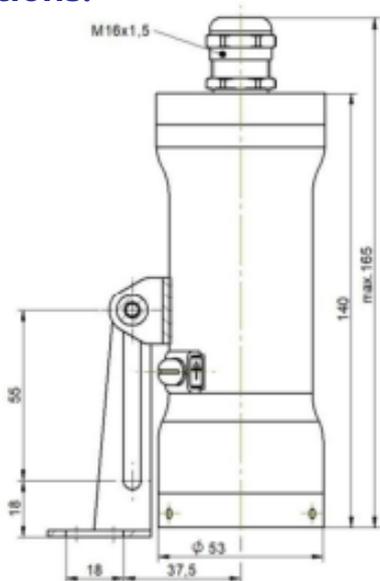
- **Ambient temperature: -20°C to +40°C / +50°C**



	Tension	Rated power	Luminous flux	Color temperature	Beam angle	Option
ESL 53 EX	24 V AC/DC	7 In	400 – 500 lm	5700 K	19°	Articulated assistance
	24 V AC/DC	7 In	400 – 500 lm	5700 K	19°	Flange connector

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Dimensions and electrical specifications:



ESL 53LED Ex with hinged bracket



ESL 53LED Ex for flanged adapter

Components and Materials:

- Weight: 1.7 kg (including articulated stand and cable).
- Body: Stainless Steel
- Glass: Borosilicate
- Fasteners: Stainless Steel

Electrical connection:

- Cable gland located atop the projector.
- Minimum 3 m cable.

Accessories:

Mounting without a field of vision	
	DN 50 flange adapter (nut opening: 62 mm)
	DN 65 flange adapter (nut opening: 65 mm)
	DN 80 flange adapter (nut opening: 80 mm)
Mounting with a field of view (MV)	
	DN 80 (nut aperture: 94 mm)
	DN 100 (nut opening: 115 mm)
	DN 125 (nut opening: 138 mm)

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