

LTIX03

IP66 Explosion Proof LED illuminator



Model	LTIX03
Pressure	
Input Power	12 V DC
Power	20 W
Consumption	
Dimensions (W × H × L)	114 mm × 114 mm × 200 mm (4.5 in × 4.5 in × 7.9 in)
Window	Tempered glasses
Operating Ambient Temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Weight	8.0 kg (17.6 lb)
Colour	-
Wavelength	850 nm
Illumination Distance¹	<ul style="list-style-type: none"> • up to 30 m (98.4 ft) (LTIX03-R30) • up to 60 m (196.8 ft) (LTIX03-R60) • up to 100 m (328.1 ft) (LTIX03-R100)
Beam Angle¹	<ul style="list-style-type: none"> • 60° (LTIX03-R30) • 45° (LTIX03-R60) • 30° (LTIX03-R100)
LEDs	6 pieces
LED Lifetime	20,000 hours
Light On/Off	On when illumination is lower than 4 lux

1. The spec for **LTIX03-** and **LTIX03-L-** is the same as **LTIX03** and **LTIX03-L**.
 *Design and specifications are subject to change without prior notice.

Features

- Illuminator with distance up to 30 m to 100 m (98.4 ft to 328.1 ft) (optional)
- IP66, NEMA-4X enclosure rating
- Exd II CT6 explosion-proof marking
- AISI 304/316L stainless steel construction (available)
- Input power: 12 V DC
- Double side mount (optional)

Available Models

Model	Material
LTIX03	AISI 304 stainless steel
LTIX03-L	AISI 316L stainless steel

*Each material in the above table has the following models available.

Model	Illumination Distance	Beam Angle
LTIX03-R30	up to 30 m (98.4 ft)	60°
LTIX03-R60	up to 60 m (196.8 ft)	45°
LTIX03-R100	up to 100 m (328.1 ft)	30°

Tech Specs

Model	LTIX03
Type	Ex-proof
Protection Rating	<ul style="list-style-type: none"> • IP66, NEMA-4X enclosure rating • Exd II CT6 explosion-proof marking
Material¹	<ul style="list-style-type: none"> • AISI 304 stainless steel (LTIX03) • AISI 316L stainless steel (LTIX03-L)
Atmospheric	80 kPa to 106 kPa