

# LTIX03

## IP66 Explosion Proof LED illuminator



<b>Model</b>	LTIX03
<b>Atmospheric Pressure</b>	80 kPa to 106 kPa
<b>Input Power</b>	12 V DC
<b>Power Consumption</b>	20 W
<b>Dimensions (W × H × L)</b>	114 mm × 114 mm × 200 mm (4.5 in × 4.5 in × 7.9 in)
<b>Window</b>	Tempered glasses
<b>Operating Ambient Temperature</b>	-30 °C to 60 °C (-22 °F to 140 °F)
<b>Weight</b>	8.0 kg (17.6 lb)
<b>Colour Temperature</b>	-
<b>Wavelength</b>	850 nm
<b>Illumination Distance<sup>1</sup></b>	<ul style="list-style-type: none"> <li>• up to 30 m (98.4 ft) (LTIX03-R30)</li> <li>• up to 60 m (196.8 ft) (LTIX03-R60)</li> <li>• up to 100 m (328.1 ft) (LTIX03-R100)</li> </ul>
<b>Beam Angle<sup>1</sup></b>	<ul style="list-style-type: none"> <li>• 60° (LTIX03-R30)</li> <li>• 45° (LTIX03-R60)</li> <li>• 30° (LTIX03-R100)</li> </ul>
<b>LEDs</b>	6 pieces
<b>LED Lifetime</b>	20,000 hours
<b>Light On/Off</b>	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
<b>Type</b>	Ex-proof
<b>Protection Rating</b>	<ul style="list-style-type: none"> <li>• IP66, NEMA-4X enclosure rating</li> <li>• Exd II CT6 explosion-proof marking</li> </ul>
<b>Material<sup>1</sup></b>	<ul style="list-style-type: none"> <li>• AISI 304 stainless steel (LTIX03)</li> <li>• AISI 316L stainless steel (LTIX03-L)</li> </ul>