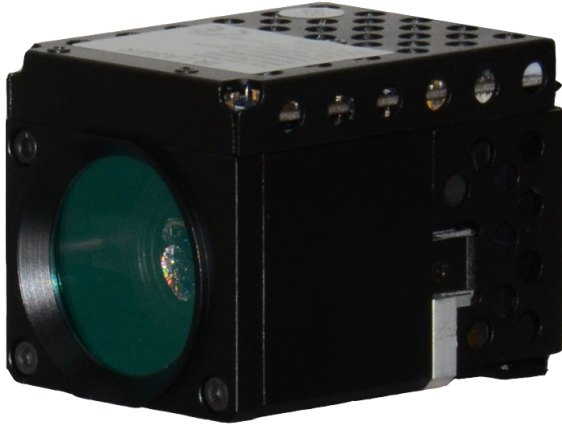


# LTILO1

## Infrared Laser Illuminator

Illumination distance up to 800 m (2625 ft)



Model	LTILO1
Operating Ambient Temperature	20 to 60 °C (-4 °F to 122 °F)
Storage Temperature	-40 °C to 80 °C (-40 °F to 176 °F)
Temperature	
Wavelength	<ul style="list-style-type: none"> <li>• 808 ± 5 nm (LTILO1-R300, LTILO1-R500)</li> <li>• 850 nm (LTILO1-R500-850, LTILO1-R800-850)</li> <li>• 940 nm (LTILO1-R500-940)</li> <li>• 980 nm (LTILO1-R500-980)</li> </ul>
Illumination Distance	<ul style="list-style-type: none"> <li>• up to 300 m (948 ft) (LTILO1-R300)</li> <li>• up to 500 m (1640 ft) (LTILO1-R500, LTILO1-R500-850, LTILO1-R500-940, LTILO1-R500-980)</li> <li>• up to 800 m (2526 ft) (LTILO1-R800-850)</li> </ul>
Beam Angle	1.5° to 68°, motor driven
Laser Lifetime	30,000 hours
Communication	RS485

\*Design and specifications are subject to change without prior notice.

### Features

- Illuminator with distance up to 300 m (948 ft), 500 m (1640 ft) and 800 m (2625 ft) optional
- Motor driven beam angle from 1.5° to 68° adjustable
- Synchronized with camera zoom
- Input power: 12 V DC
- Semi-covert 808 nm, 850 nm, covert 940 nm, and 980 nm infrared Laser optional

### Available Models

Model	Illumination Distance	Wavelength
LTILO1-R300	up to 300 m (948 ft)	808 nm
LTILO1-R500	up to 500 m (1640 ft)	808 nm
LTILO1-R500-850	up to 500 m (1640 ft)	850 nm
LTILO1-R800-850	up to 800 m (2625 ft)	850 nm
LTILO1-R500-940	up to 500 m (1640 ft)	940 nm
LTILO1-R500-980	up to 500 m (1640 ft)	980 nm

### Tech Specs

Model	LTILO1
Input Power	12 V DC
Power Consumption	<ul style="list-style-type: none"> <li>• 7 W (LTILO1-R300)</li> <li>• 9 W (LTILO1-R500, LTILO1-R500-940, LTILO1-R500-980)</li> <li>• 11 W (LTILO1-R500-850, LTILO1-R800-850)</li> </ul>
Dimensions (L × W × H)	98 mm × 55 mm × 57 mm (3.9 in × 2.2 in × 2.2 in)
Weight	276 g (0.6 lb)