

LTIA04

IP66 LED Illuminator

LED illuminator with distance up to 150 m (optional)



Model	Wavelength	Input Power
LTIA04-R30-2	850 nm	24 V AC
LTIA04-R30-5	850 nm	PoE
LTIA04-R30-U	850 nm	110 V to 250 V AC
LTIA04-R30-740-1	740 nm	12 V DC
LTIA04-R30-740-2	740 nm	24 V AC
LTIA04-R30-740-5	740 nm	PoE
LTIA04-R30-740-U	740 nm	110 V to 250 V AC
LTIA04-R30-940-1	940 nm	12 V DC
LTIA04-R30-940-2	940 nm	24 V AC
LTIA04-R30-940-5	940 nm	PoE
LTIA04-R30-940-U	940 nm	110 V to 250 V AC
LTIA04-W30-1	White light	12 V DC
LTIA04-W30-2	White light	24 V AC
LTIA04-W30-5	White light	PoE
LTIA04-W30-U	White light	110 V to 250 V AC

Tech Specs

Features

- IP66, NEMA-4X enclosure rating
- Designed for indoor and outdoor applications
- Die-cast aluminum construction
- Illuminator with distance up to 30 m to 180 m (98 ft to 591 ft) (optional)
- Input power: 12 V DC/24 V AC/PoE/universal AC 110 V to 250 V (available)
- 850 nm/740 nm/950 nm/white light optional

Available Models

Model	Illumination Distance	Beam Angle
LTIA04-R30	up to 30 m (98 ft)	120°
LTIA04-R40	up to 40 m (131 ft)	90°
LTIA04-R50	up to 50 m (164 ft)	60°
LTIA04-R70	up to 70 m (230 ft)	45°
LTIA04-R100	up to 100 m (328 ft)	30°
LTIA04-R150	up to 150 m (492 ft)	15°
LTIA04-W30	up to 30 m (98 ft)	120°
LTIA04-W70	up to 70 m (230 ft)	90°
LTIA04-W90	up to 90 m (295 ft)	60°
LTIA04-W110	up to 110 m (361 ft)	45°
LTIA04-W150	up to 150 m (492 ft)	30°
LTIA04-W180	up to 180 m (591 ft)	15°

*Each illumination distance in the above table has the following models available.

Model	Wavelength	Input Power
LTIA04-R30-1	850 nm	12 V DC

Model	LTIA04
Type	Indoor/Outdoor
Protection Rating	IP66, NEMA-4X enclosure rating
Material	Die-cast aluminum
Finish	<ul style="list-style-type: none"> Ivory white polyester powder coat Black polyester powder coat (optional)
Input Power¹	<ul style="list-style-type: none"> 12 V DC (LTIA04-R30-1, LTIA04-R30-740-1, LTIA04-R30-940-1, LTIA04-W30-1) 24 V AC (LTIA04-R30-2, LTIA04-R30-740-2, LTIA04-R30-940-2, LTIA04-W30-2) PoE (LTIA04-R30-5, LTIA04-R30-740-5, LTIA04-R30-940-5, LTIA04-W30-5) Universal 100 V to 230 V AC, auto-sensing (LTIA04-R30-U, LTIA04-R30-740-U, LTIA04-R30-940-U, LTIA04-W30-U)
Power Consumption	28 W
Dimensions (W × H × L)	135 mm × 110 mm × 91 mm (5.3 in × 4.3 in × 3.6 in)
Window	Tempered glasses
Operating Ambient Temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Weight	2.0 kg (4.4 lb)
Colour Temperature	6000 K to 6500 K
Wavelength¹	<ul style="list-style-type: none"> 850 nm (LTIA04-R30-1, LTIA04-R30-2, LTIA04-R30-5, LTIA04-R30-U) 740 nm (LTIA04-R30-740-1, LTIA04-R30-740-2, LTIA04-R30-740-5, LTIA04-R30-740-U) 940 nm (LTIA04-R30-940-1, LTIA04-R30-940-2, LTIA04-R30-940-5, LTIA04-R30-940-U) White light (LTIA04-W30-1, LTIA04-W30-2, LTIA04-W30-5, LTIA04-W30-U)
Illumination Distance^{1,2}	<ul style="list-style-type: none"> up to 30 m (98 ft) (LTIA04-R30, LTIA04-W30) up to 40 m (131 ft) (LTIA04-R40) up to 50 m (164 ft) (LTIA04-R50) up to 70 m (230 ft) (LTIA04-R70, LTIA04-W70) up to 100 m (328 ft) (LTIA04-R100) up to 110 m (361 ft) (LTIA04-W110) up to 150 m (492 ft) (LTIA04-R150) up to 180 m (591 ft) (LTIA04-W180)
Beam Angle¹	<ul style="list-style-type: none"> 120° (LTIA04-R30, LTIA04-W30) 90° (LTIA04-R40, LTIA04-W70) 60° (LTIA04-R50, LTIA04-W90) 45° (LTIA04-R70, LTIA04-W110) 30° (LTIA04-R100, LTIA04-W150) 15° (LTIA04-R150, LTIA04-W180)
LEDs	12 pieces
LED Lifetime	20,000 hours
Light On/Off	On when illumination is lower than 4 lux

1. The spec for LTIA04-R30-__, LTIA04-R40-__, LTIA04-R50-__, LTIA04-R70-__, LTIA04-R100-__, LTIA04-R150-__, LTIA04-W30-__, LTIA04-W70-__, LTIA04-W90-__, LTIA04-W110-__, LTIA04-W150-__, and LTIA04-W180-__ is the same as LTIA04-R30, LTIA04-R40, LTIA04-R50, LTIA04-R70, LTIA04-R100, LTIA04-R150, LTIA04-W30, LTIA04-W70, LTIA04-W90, LTIA04-W110, LTIA04-W150, and LTIA04-W180.

2. Illumination distance is tested by 1/3-inch SONY CCD Camera. To achieve the distance needed, please pay attention to your camera specification and lens before purchase. It is normal phenomenon that distance may vary due to different cameras and lens.

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