

LTIA10

IP68 and IK10 LED Illuminator Support Auto-adjustable Beam Angle

LED illuminator with distance up to 350 m (adjustable)



Tech Specs

Model	LTIA10
Type	Indoor/Outdoor
Protection Rating	<div><ul style="list-style-type: none">• IP66, NEMA-6P enclosure rating• IK10 vandal-proof rating</div>
Material	Die-cast aluminum
Finish	Black polyester powder coat
Input Power	<div><ul style="list-style-type: none">• 12 V DC (LTIA10-1)• 24 V AC (LTIA10-2)• 24 V DC (LTIA10-4)</div>
Power Consumption	90 W maximum
Dimensions (W × H × L)	220 mm × 160 mm × 74 mm (8.7 in × 6.3 in × 2.9 in)
Window	Tempered glasses
Operating Ambient Temperature	-40 °C to 55 °C (-40 °F to 131 °F)
Weight	2.6 kg (5.7 lb)
Colour	-
Wavelength	850 nm
Illumination Distance ^{1, 2}	<div><ul style="list-style-type: none">• 50 m to 90 m (164.0 ft to 295.3 ft) (LTIA10-R90)• 140 m to 350 m (459.3 ft to 1148.3 ft) (LTIA10-R350)</div>
Beam Angle ¹	<div><ul style="list-style-type: none">• 40° to 80° (LTIA10-R90)• 10° to 40° (LTIA10-R350)</div>
LEDs	24 pieces
LED Lifetime	50,000 hours
Light On/Off	Adjustable light sensor sensitivity control or external input control

1. The spec for **LTIA10-R90_** and **LTIA10-R350_** is the same as **LTIA10-R90** and **LTIA10-R350**.
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.

Features

- IP68, NEMA-6P enclosure rating
- IK10
- Designed for indoor and outdoor applications
- 10° to 40°/40° to 80° (optional) adjustable beam angle (controlled via RS485 by camera)
- Illuminator with distance 50 m to 90 m (164.0 ft to 295.3 ft)/140 m to 350 m (459.3 ft to 1148.3 ft) (optional)
- 20 % to 100 % IR power adjustable via RS485 by camera
- Light sensor sensitivity adjustable via RS485 by camera
- Input power: 12 V DC/24 V AC/24 V DC (available)
- 850 nm wavelength

Available Models

Model	Illumination Distance	Beam Angle
LTIA10-R90	50 m to 90 m (164.0 ft to 295.3 ft)	40° to 80°
LTIA10-R350	140 m to 350 m (459.3 ft to 1148.3 ft)	10° to 40°

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

Model	Wavelength	Input Power
LTIA10-1	850 nm	12 V DC
LTIA10-2	850 nm	24 V AC
LTIA10-6	850 nm	24 V DC