

# LTIA10

## IP68 and IK10 LED Illuminator Support Auto-adjustable Beam Angle

LED illuminator with distance up to 350 m (adjustable)



<b>Model</b>	<b>LTIA10</b>
<b>Finish</b>	Black polyester powder coat
<b>Input Power</b>	24 V AC / 24 V DC
<b>Power</b>	90 W maximum
<b>Consumption</b>	
<b>Dimensions (W × H × L)</b>	220 mm × 160 mm × 74 mm (8.7 in × 6.3 in × 2.9 in)
<b>Window</b>	Tempered glasses
<b>Operating Ambient Temperature</b>	-40 °C to 55 °C (-40 °F to 131 °F)
<b>Weight</b>	3 kg (6.6 lb)
<b>Colour</b>	-
<b>Wavelength</b>	850 nm
<b>Illumination Distance<sup>1, 2</sup></b>	<ul style="list-style-type: none"> <li>50 m to 90 m (164.0 ft to 295.3 ft) (<b>LTIA10-R90</b>)</li> <li>140 m to 350 m (459.3 ft to 1148.3 ft) (<b>LTIA10-R350</b>)</li> </ul>
<b>Beam Angle<sup>1</sup></b>	<ul style="list-style-type: none"> <li>40° to 80° (<b>LTIA10-R90</b>)</li> <li>10° to 40° (<b>LTIA10-R350</b>)</li> </ul>
<b>LEDs</b>	24 pieces
<b>LED Lifetime</b>	50,000 hours
<b>Light On/Off</b>	Adjustable light sensor sensitivity control or external input control

1. 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: 24 V AC/24 V DC
- 850 nm wavelength

### Available Models

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

### Tech Specs

<b>Model</b>	LTIA10
<b>Type</b>	Indoor/Outdoor
<b>Protection Rating</b>	<ul style="list-style-type: none"> <li>• IP68, NEMA-6P enclosure rating</li> <li>• IK10 vandal-proof rating</li> </ul>
<b>Material</b>	Die-cast aluminum