

## AXIS T90B40 IR-LED Illuminator

Optimized infra-red illumination for Axis cameras

The amount of light required in the scene is optimized simply by pointing AXIS T90B40 wherever it is needed. The default beam angle is 10 degrees. Three diverging lenses are included (35°, 60° and 80°), and a 120° diverging lens is available as an optional accessory. The holographic lens technology distributes the amount of light evenly throughout the whole beam, without any hot spots. The photocell sensitivity and illumination intensity can be fine-tuned remotely. AXIS T90B40 is turned on and off either by the built-in photocell or through the camera I/O port or a PIR sensor.

- > **IR LED**
- > **Highly flexible, interchangeable lenses**
- > **Fine tuning from ground level with remote control**
- > **Evenly illuminated scene**
- > **Suitable for all Axis cameras with infra-red cut filter**



## AXIS T90B40 IR-LED Illuminator

<b>Supported products</b>	All Axis cameras with infrared-cut filter
<b>Distance</b>	With standard lens: 10° x 10° (narrow angle): 310 m (1010 ft) With standard lens: 20° x 10° (wide angle): 220 m (722 ft) With diverging lens: 35° x 10° (narrow angle): 170 m (551 ft) With diverging lens: 70° x 10° (wide angle): 120 m (394 ft) With diverging lens: 60° x 25° (narrow angle): 112 m (367 ft) With diverging lens: 120° x 25° (wide angle): 80 m (262 ft) With diverging lens: 80° x 30° (narrow angle): 70 m (230 ft) With diverging lens: 140° x 30° (wide angle): 50 m (164 ft) With optional diverging lens: 120° x 50° (narrow angle): 65 m (213 ft) With optional diverging lens: 180° x 50° (wide angle): 45 m (148 ft)
<b>Power</b>	Input Voltage: 12-24 V AC/DC <sup>b</sup> AC Frequency: 50-60 Hz Cable length: 2.5 m (8 ft) Maximum light: 96 W 20% of maximum light: 24 W Standby mode: 0.15 W
<b>Control technology</b>	Power level, Photocell sensitivity, Telemetry link for remote activation (if required), Timer
<b>Type</b>	850 nm semi-covert
<b>Angle</b>	10° without diverging lens With diverging lenses: 35°, 60°, 80°, 120° <sup>a</sup>
<b>Casing</b>	Aluminum and polycarbonate Color: Black
<b>Display and indicators</b>	Indicator LEDs
<b>Environment</b>	Outdoor

<b>Mounting</b>	Wall, Ceiling, Column, Camera housing
<b>Approvals</b>	EN 55022 Class B, EN 55024, EN 61547, EN 55015, EN 50130-4, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, EN 60598-1, IEC/EN 60529 IP66, IEC/EN 62262 IK09, EN 50130-5, RoHS, REACH, WEEE, CE IEC/EN 62471 Risk group 2 UL 2108, 8750, C22.2 No 250.0-08 IEC 62471:2006 FCC Rules CFR 47:October 2010 Part 15.107 and 15.109, Class B ICES-003 Issue 5, Class B
<b>Operating conditions</b>	-50 °C to 50 °C (-58 °F to 122 °F) Humidity: 10-100% RH (condensing)
<b>Storage conditions</b>	-50 °C to 70 °C (-58 °F to 158 °F)
<b>Dimensions</b>	279 x 223 x 131 mm (11 x 8.8 x 5.2 in)
<b>Weight</b>	4500 g (9.9 lb)
<b>Included accessories</b>	Three diverging lenses for different beam angle: 35° (pre-mounted), 60° and 80°
<b>Optional accessories</b>	AXIS T90A63 Bracket Wall L Mount AXIS T90A66 Bracket Pole Clamp AXIS T90B Remote Control AXIS IR Diverging Lens C 120° Mains adaptor PS-24 <sup>b</sup>
<b>Warranty</b>	Axis 3- year warranty with additionally 2-year warranty free of charge. See more information at <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

- a. *Optional accessory*  
 b. *2x PS24 power supplies are needed to power the T90B40*

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)