DATASHEET



AXIS T90A Illuminators

High-performance illumination for all conditions.



- > Adaptive illumination
- > Energy saving
- > Long life and low maintenance
- > Vandal-resistant
- > IP66-rated

AXIS T90A Illuminators is a series of high-performance white and infra-red LED illuminators designed for Axis network cameras. They provide unique flexibility to alter the angle of on-site illumination to suit specific security needs, and to match the network camera's field of view.

For optimal lighting, AXIS T90A Illuminators allow adjustment of the light angle from 10 to 180 degrees at distances up to 160 meters. The illuminators are designed for both fixed and PTZ network cameras.

The illuminators are high-efficiency LEDs (light-emitting diodes) with advanced control methods for extremely low energy consumption. Based on solid state LED technology, AXIS T90A illuminators are highly energy-efficient, allowing for huge savings in long-term operational and maintenance costs compared to traditional light bulbs.

Providing exceptional durability, the new surface-mount technology LED's have a life-cycle of up to 10 years. No light bulbs need to be replaced.

IP66-rated vandal-resistant casing and polycarbonate lens protection for indoor and outdoor use makes these illuminators the ideal choice for security installations requiring high-performance and low-maintenance illumination.

Technical specifications – AXIS T90A Illuminators

AXIS 190A01 IR-	-LED 50 DEG POE
Power	Input : Power over Ethernet (PoE)
	Consumption : 10 W Adjustable power output for the LED and telemetry control
Туре	850 nm semi-covert
Environment	Indoor only
Angle	50° (single panel, fixed angle)
Distance	14 m (50 ft)
Operating	-50 to +50 °C (-58 to 122 °F)
conditions	
Accessories included	U-bracket
Dimensions	75 x 100 x 54 mm (3" x 4" x 2")
AXIS T90A11 IR-	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 10 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Туре	850 nm semi-covert
Environment	IP66-rated
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3" x 4" x 2")
AXIS T90A16 W-	-LED 50 DEG
Power	Input: 100-240 V AC (auto-sensing) Consumption: 15 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Туре	White LED light
Environment	IP66-rated
Angle	50° (single panel, fixed angle)
Distance	14 m (46 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	75 x 100 x 54 mm (3" x 4" x 2")
AXIS T90A20 IR-	-LED 120-180 DEG, AXIS T90A21 IR-LED 50-100 DEG
Power	Input : 100-240 V AC (auto-sensing) Consumption: 20 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
Туре	850 nm semi-covert
Environment	IP66-rated
Angle	AXIS T90A20: 120° to 180° AXIS T90A21: 50° to 100°
Distance	AXIS T90A20: 16 to 11 m (52 to 36 ft) AXIS T90A21: 28 to 18 m (92 to 59 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6" x 5" x 2")

AXIS T90A26 W-	
Power	
Power	Input: 100-240 V AC (auto-sensing) Consumption: 25 W
	Cable length 2.5 m (8 ft)
	Adjustable power output for the LED and telemetry control
Туре	White LED light
Environment	IP66-rated
Angle	50° to 100°
Distance	20 to 13 m (66 to 43 ft)
Operating conditions	-50 to +50 °C (-58 to 122 °F)
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	160 x 115 x 54 mm (6" x 5" x 2")
AXIS T90A32 IR-I	LED 30-60 DEG, AXIS T90A33 IR-LED 10-20 DEG
Power	Input: 100-240 V AC (auto-sensing)
	Consumption: 50 W Cable length 2.5 m (8 ft)
	Adjustable power output for the LED and telemetry control
Туре	850 nm semi-covert
Environment	IP66-rated
Angle	AXIS T90A32: 30° to 60° AXIS T90A33: 10° to 20°
Distance	AXIS T90A32: 80 to 53 m (262 to 173 ft) AXIS T90A33: 150 to 100 m (492 to 382 ft)
Operating conditions	-50 to +50 °C
Accessories included	U-bracket, power supply with adjustable photocell
Dimensions	210 x 150 x 65 mm (8" x 6" x 3")
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AXIS T90A37 W-I	
	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft)
AXIS T90A37 W- Power	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control
AXIS T90A37 W- Power Type	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert
AXIS T90A37 W- Power Type Environment	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated
AXIS T90A37 W- Power Type Environment Angle	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60°
AXIS T90A37 W- Power Type Environment Angle Distance	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft)
AXIS T90A37 W- Power Type Environment Angle	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60°
AXIS T90A37 W- Power Type Environment Angle Distance Operating	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft)
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3")
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell
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AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR-	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3") LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft)
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR- Power	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3") LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR- Power Type	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3") LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR- Power Type Environment	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3") LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated AXIS T90A40: 120° to 180°
AXIS T90A37 W- Power Type Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR- Power Type Environment Angle	LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated 30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F) U-bracket, power supply with adjustable photocell 210 x 150 x 65 mm (8" x 6" x 3") LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEG Input: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control 850 nm semi-covert IP66-rated AXIS T90A40: 120° to 180° AXIS T90A40: 120° to 180° AXIS T90A40: 64 to 42 m (210 to 138 ft)
AXIS T90A37 W- Power Power Environment Angle Distance Operating conditions Accessories included Dimensions AXIS T90A40 IR- Power Type Environment Angle Distance Operating	LED 30-60 DEGInput: 100-240 V AC (auto-sensing) Consumption: 50 W Cable length 2.5 m (8 ft) Adjustable power output for the LED and telemetry control850 nm semi-covertIP66-rated30° to 60° 42 to 28 m (138 to 92 ft) -50 to +50 °C (-58 to 122 °F)U-bracket, power supply with adjustable photocell210 x 150 x 65 mm (8" x 6" x 3")LED 120-180 DEG, AXIS T90A42 IR-LED 30-60 DEGInput: 100-240 V AC (auto-sensing) Consumption: 80 W Cable length 2.5m (8 ft) Adjustable power output for the LED and telemetry control850 nm semi-covertIP66-ratedAXIS T90A40: 120° to 180° AXIS T90A42: 160 to 106 m (525 to 346 ft)

More information is available at www.axis.com



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