

INFRARED, WHITE & HYBRID LED LIGHTING

Universal & Professional Solutions



LIGHTING CATALOG 2024





Lifetime Warranty

With Advanced Replacement



Fast Delivery

Most orders ship within 48 hours.



Made in the USA

Designed and manufactured in the USA



ISO 9001:2015

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Smart 11S



Smart 25S



Smart 56S

SMART IR 11S | 25S | 56S

Essential Infrared Illuminators

Smart series IR Illuminators are fast and easy to integrate using automatic Day/Night sensor. They also feature I/O ports for advanced integration, and seamless sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports. Designed for outdoor use, the IP67 rated housing is completely sealed from the elements.

FEATURES

- Multiple Range/Beam Angle Options - Range up to 1,200ft
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Adjustable Tilting U Bracket* Included for simplified installation and added illumination control
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

TIPS: 850nm (IR) Wavelength - is the Industry standard with Ideal range vs. invisibility balance; 850nm emits only a faint red glow at the source.

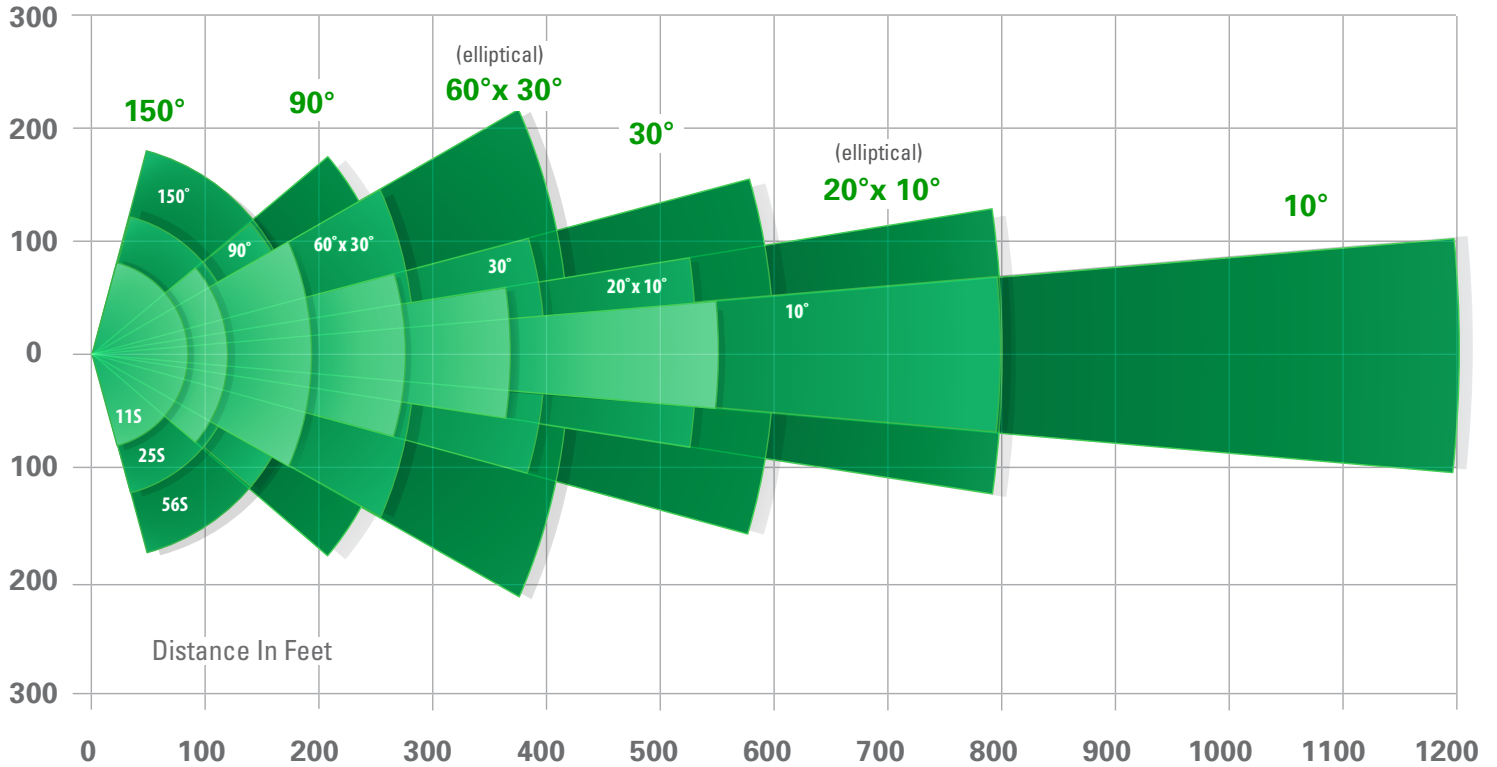
HFOV - Horizontal field of view (coverage area) should be matched to the camera's field of view for optimal system performance. Narrower coverage area = longer range & Wider coverage area = shorter range.



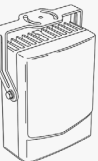
SPECIFICATIONS	Smart 11S	Smart 25S	Smart 56S
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage	24-36 VDC or 24 VAC	24-36 VDC or 24 VAC	24-36 VDC or 24 VAC
Power Consumption	11 Watts	25 Watts	56 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 133 x 76 x 184mm	6.25" x 3.5" x 9.25" 159 x 89 x 235mm
Weight	1.25 lbs/.56kg	3 lbs/1.3kg	5.5 lbs/2.5kg
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Tilting U Bracket* Included	Tilting U Bracket* Included	Tilting U Bracket* Included

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole Pan/Tilt mounting adapter (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS
		Distance	HFOV	
Smart 11S 	10°	540ft/164m	94ft/28m	AT-11S.11S2810
	20° x 10°	360ft/109m	112ft/34m	AT-11S.11S282010
	30°	270ft/82m	140ft/42m	AT-11S.11S2830
	60° x 30°	190ft/58m	190ft/58m	AT-11S.11S286030
	90°	120ft/36m	152ft/46m	AT-11S.11S2890
	150°	80ft/24m	155ft/47m	AT-11S.11S28150
Smart 25S 	10°	800ft/243m	140ft/42m	AT-25S.25S2810
	20° x 10°	530ft/61m	166ft /50m	AT-25S.25S282010
	30°	400ft/122m	207ft/63m	AT-25S.25S2830
	60° x 30°	285ft/86m	285ft/86m	AT-25S.25S286030
	90°	175ft/53m	225ft/68m	AT-25S.25S2890
	150°	120ft/36m	232ft/70m	AT-25S.25S28150
Smart 56S 	10°	1200ft/365m	209ft/63m	AT-56S.56S2810
	20° x 10°	800ft/243m	250ft/76m	AT-56S.56S282010
	30°	600ft/182m	310ft/94m	AT-56S.56S2830
	60° x 30°	420ft/128m	420ft/128m	AT-56S.56S286030
	90°	270ft/82m	347ft/105m	AT-56S.56S2890
	150°	185ft/56m	357ft/108m	AT-56S.56S28150





MegaPixel 11E



MegaPixel 25E



MegaPixel 56E

MEGAPIXEL POE IR 11E | 25E | 56E

PoE Infrared Illuminators

MegaPixel PoE Infrared can be installed easily into a pre-existing PoE powered security system. MegaPixel PoE IR Illuminators are outdoor IP67 Rated for use with Indoor or Outdoor Cameras. MegaPixel Series IR Illuminators feature an automatic DAY/NIGHT sensor and I/O ports for easy syncing with cameras or any other devices with input/output (I/O) ports.

FEATURES

- Multiple Range/Beam Angle Options - Range up to 1,200ft
- PoE Powered IR Illuminators - PoE, PoE+ or PoE++
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Adjustable Tilting U Bracket* Included for simplified installation and added illumination control
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and Manufactured in the USA, Lifetime warranty with advanced replacement

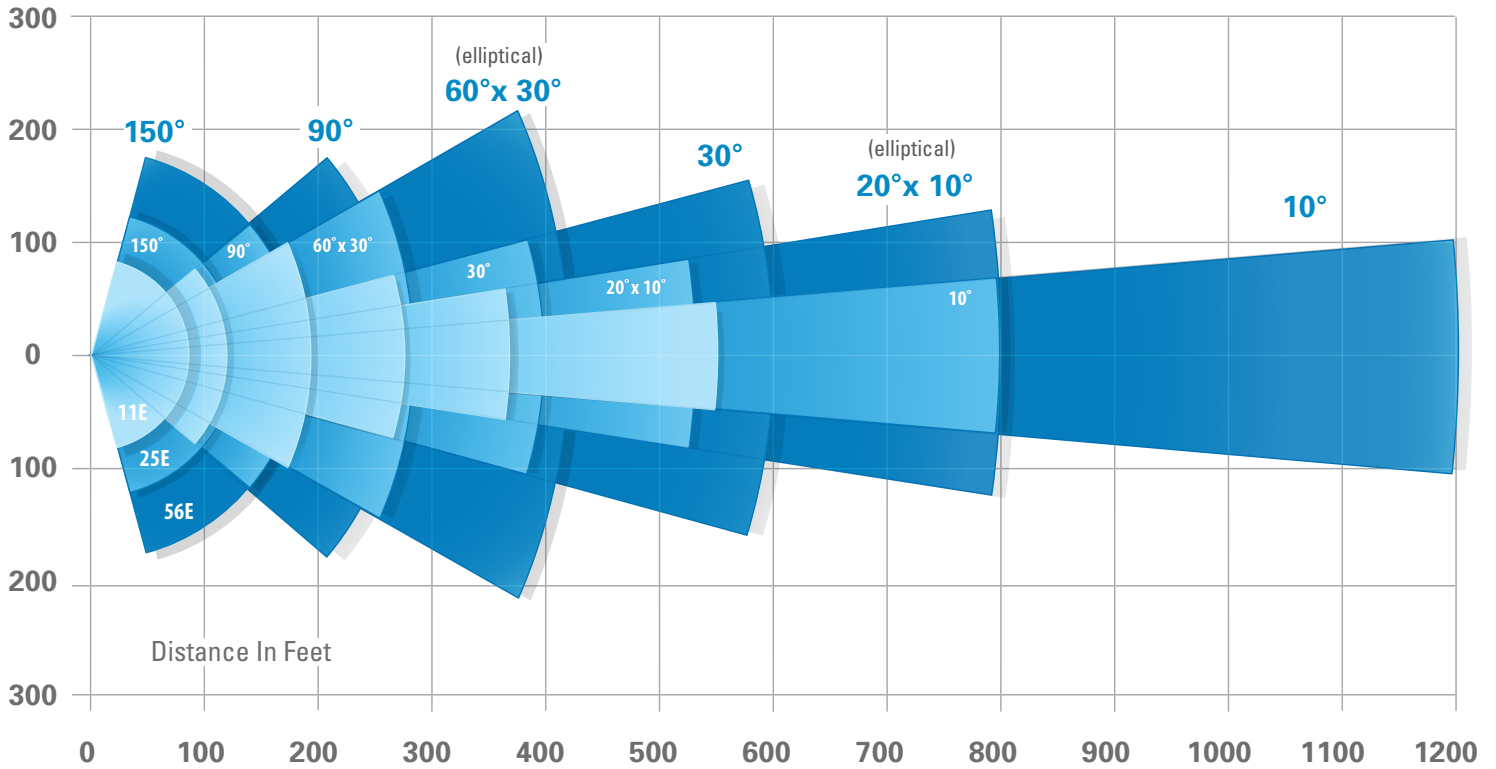
SPECIFICATIONS	MegaPixel 11E	MegaPixel 25E	MegaPixel 56E
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage	PoE (802.3af) or PoE+	†PoE+ (802.3at) or PoE++	†PoE++ (802.3bt)
Power Consumption	11 Watts	25 Watts	56 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 133 x 76 x 184mm	6.25" x 3.5" x 9.25" 159 x 89 x 235mm
Weight	1.25 lbs/.56kg	3 lbs/1.3kg	5.5 lbs/2.5kg
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rated	Outdoor IP67 Rated	Outdoor IP67 Rated
Mounting	Tilting U Bracket* Included	Tilting U Bracket* Included	Tilting U Bracket* Included




†VDC auxiliary option available: 25E/24VDC AUX & 56E/36VDC AUX

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole [Pan/Tilt mounting adapter](#) (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS
		Distance	HFOV	
 MegaPixel 11E	10°	540ft/164m	94ft/28m	AT-11E-S.11ES3810
	20° x 10°	360ft/109m	112ft/34m	AT-11E-S.11ES382010
	30°	270ft/82m	140ft/42m	AT-11E-S.11ES3830
	60° x 30°	190ft/58m	190ft/58m	AT-11E-S.11ES386030
	90°	120ft/36m	152ft/46m	AT-11E-S.11ES3890
	150°	80ft/24m	155ft/47m	AT-11E-S.11ES38150
 MegaPixel 25E	10°	800ft/243m	140ft/42m	AT-25E-S.25ES3810
	20° x 10°	530ft/161m	166ft /50m	AT-25E-S.25ES382010
	30°	400ft/122m	207ft/63m	AT-25E-S.25ES3830
	60° x 30°	285ft/86m	285ft/86m	AT-25E-S.25ES386030
	90°	175ft/53m	225ft/68m	AT-25E-S.25ES3890
	150°	120ft/36m	232ft/70m	AT-25E-S.25ES38150
 MegaPixel 56E	10°	1200ft/365m	209ft/63m	AT-56E-S.56ES3810
	20° x 10°	800ft/243m	250ft/76m	AT-56E-S.56ES382010
	30°	600ft/182m	310ft/94m	AT-56E-S.56ES3830
	60° x 30°	420ft/128m	420ft/128m	AT-56E-S.56ES386030
	90°	270ft/82m	347ft/105m	AT-56E-S.56ES3890
	150°	185ft/56m	357ft/108m	AT-56E-S.56ES38150





Blaze 11W



Blaze 25W



Blaze 56W

BLAZE WHITE 11W/E | 25W/E | 56W/E

White Light PoE or Low Voltage

AXTON's White LED Blaze Floodlights provide powerful energy efficient White Light of up to 9,500 Lumens (56 Watt). Blaze Lights are available in either PoE powered or 24 VDC Models. Designed for security applications, Blaze Lights aid security cameras in capturing high resolution, color images. Blaze Lights feature I/O ports and a light sensor which allow for precise control of the conditions in which the light is ON or OFF.

FEATURES

- Powerful Energy Efficient LED Lights - Up to 9,500 Lumens (56 Watt)
- Multiple Range/Beam Angle Options - Range up to 1,200ft
- PoE powered or Low Voltage Models
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor
- Adjustable Tilting U Bracket* Included for simplified installation and added illumination control
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

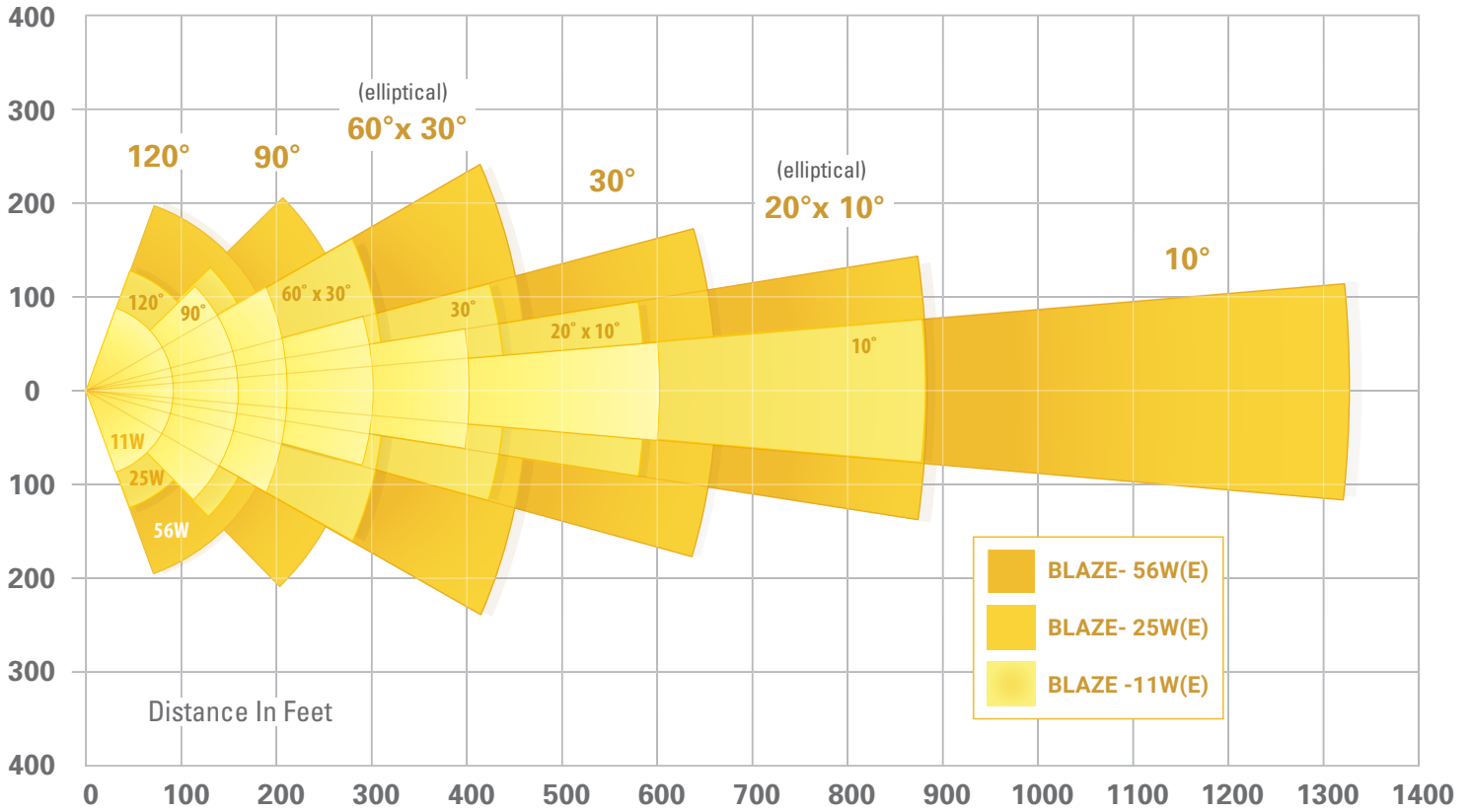
SPECIFICATIONS	11W	11WE (PoE)	25W	25WE (PoE)	56W	56WE (PoE)
Input Voltage	24 to 36 VDC or 24 VAC	PoE (802.3af) or PoE+	24 to 36 VDC or 24 VAC	†PoE+ (802.3at) or PoE++	24 to 36 VDC or 24 VAC	†PoE++ (802.3bt)
White Light Lumens/Temp.	1,800 Lm/5000K		4,200 Lm/5000K		9,500 Lm/5000K	
Power Consumption	11 Watts		25 Watts		56 Watts	
Operating Temp.	-58°to140°F/-50° to 60°C		-58°to140°F/-50° to 60°C		-58°to140°F/-50° to 60°C	
Dimensions	4.25" x 2" x 4.25" 108 x 51 x 108mm		5.25" x 3" x 7.25" 133 x 76 x 184mm		6.25" x 3.5" x 9.25" 159 x 89 x 235mm	
Weight	1.2 lbs/.54 kg		3 lbs/1.3kg		5.5 lbs/2.5kg	
Features:	Day/Night Sensor		Day/Night Sensor		Day/Night Sensor	
	I/O Ports		I/O Ports		I/O Ports	
Environmental Rating	Outdoor IP67 Rated		Outdoor IP67 Rated		Outdoor IP67 Rated	
Mounting	Tilting U Bracket* Included		Tilting U Bracket* Included		Tilting U Bracket* Included	




†VDC auxiliary option available: 25WE/24VDC AUX & 56WE/36VDC AUX

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole Pan/Tilt mounting adapter (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS	
		Distance	HFOV	Low Voltage	PoE
Blaze 11W(E) 	10°	594ft/181m	103ft/31m	AT-11W-S.11WS2110	AT-11WE-S.11WES3110
	20° x 10°	396ft/120m	123ft/37m	AT-11W-S.11WS212010	AT-11WE-S.11WES312010
	30°	297ft/90m	154ft/47m	AT-11W-S.11WS2130	AT-11WE-S.11WES3130
	60° x 30°	209ft/63m	209ft/63m	AT-11W-S.11WS216030	AT-11WE-S.11WES316030
	90°	132ft/40m	167ft/51m	AT-11W-S.11WS2190	AT-11WE-S.11WES3190
	120°	88ft/26m	153ft/46m	AT-11W-S.11WS21120	AT-11WE-S.11WES31120
Blaze 25W(E) 	10°	880ft/268m	154ft/47m	AT-25W-S.25WS2110	AT-25WE-S.25WES3110
	20° x 10°	583ft/177m	182ft/55m	AT-25W-S.25WS212010	AT-25WE-S.25WES312010
	30°	440ft/134m	227ft/69m	AT-25W-S.25WS2130	AT-25WE-S.25WES3130
	60° x 30°	313ft/95m	313ft/95m	AT-25W-S.25WS216030	AT-25WE-S.25WES316030
	90°	192ft/59m	247ft/75m	AT-25W-S.25WS2190	AT-25WE-S.25WES3190
	120°	132ft/40m	228ft/69m	AT-25W-S.25WS21120	AT-25WE-S.25WES31120
Blaze 56W(E) 	10°	1,320ft/402m	230ft/70m	AT-56W-S.56WS2110	AT-56WE-S.56WES3110
	20° x 10°	880ft/268m	275ft/83m	AT-56W-S.56WS212010	AT-56WE-S.56WES312010
	30°	660ft/201m	341ft/104m	AT-56W-S.56WS2130	AT-56WE-S.56WES3130
	60° x 30°	462ft/140m	462ft/140m	AT-56W-S.56WS216030	AT-56WE-S.56WES316030
	90°	297ft/90m	382ft/117m	AT-56W-S.56WS2190	AT-56WE-S.56WES3190
	120°	203ft/62m	352ft/107m	AT-56W-S.56WS21120	AT-56WE-S.56WES31120





NANO 3M



NANO 5M/5ME



NANO-i 2L

NANO IR 2L | 3M | 5M | 5ME

Compact Infrared Illuminators

NANO series IR lights feature an ultra compact, light weight design, and yet, they are rugged and have an IP67 outdoor rating. Nano's low-profile frame also blends well with it's surroundings.

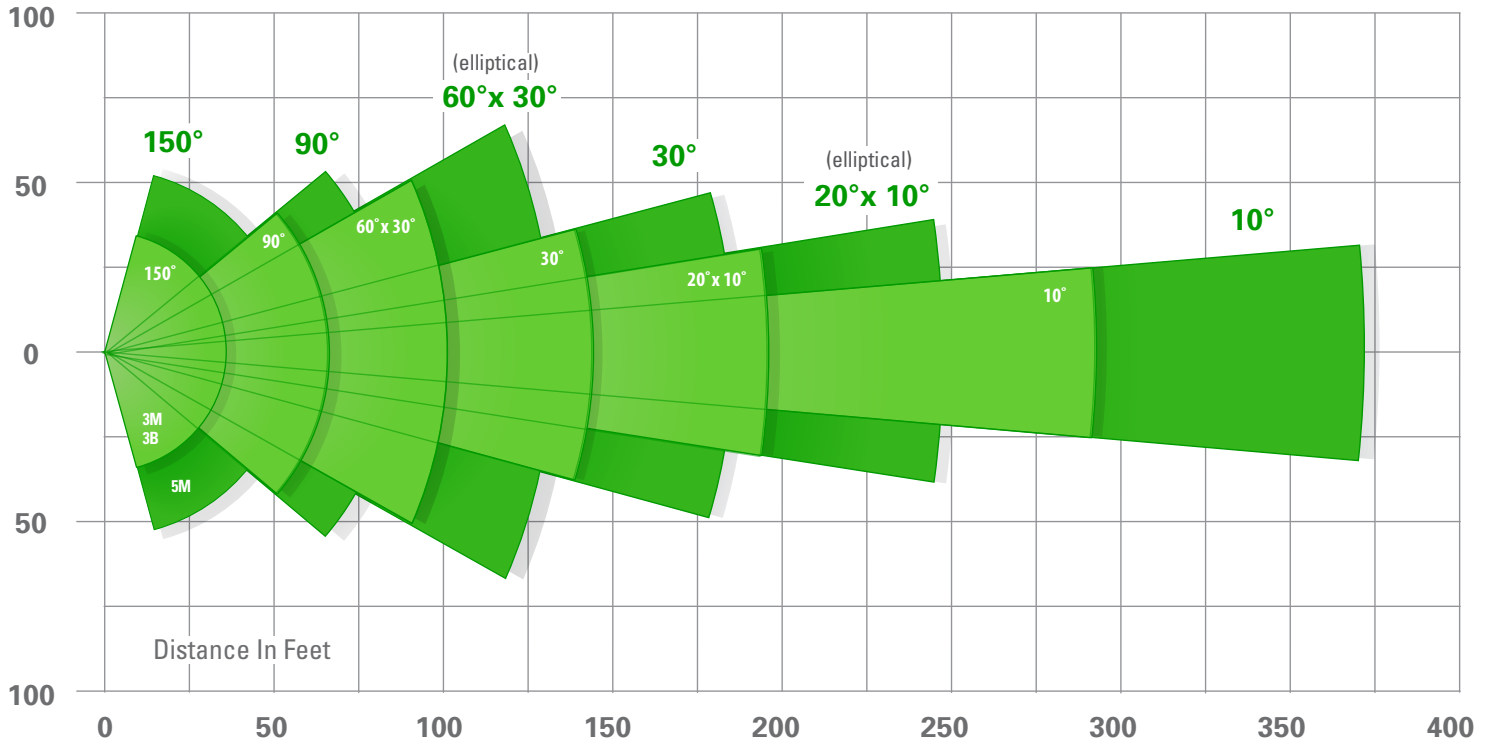
FEATURES

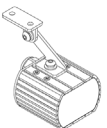
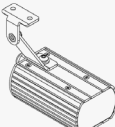
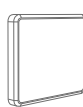
- Ultra Compact body - Max 3.5 inches, weight 6 oz. or under
- Multiple Range/Beam Angle Options - Range up to 280ft
- I/O Port (3M, 5M) sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- PoE Powered Option - 5ME
- Bracket included 3M/5M(E) or Mounting Magnet included NANO-i 2L
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

SPECIFICATIONS	NANO-i 2L	NANO 3M	NANO 5M	NANO 5ME(PoE)
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage	12 VDC	9 to 18 VDC	9-18 VDC	PoE (802.3af)
Power Consumption	2 Watts	3 Watts	5 Watts	5 Watts
Operating Temp.	-58°to140°F -50° to 60°C	-58°to140°F -50° to 60°C	-58°to140°F -50° to 60°C	-58°to140°F -50° to 60°C
Dimensions	2.7" x 3.4" x 0.465" 68 x 86 x 12mm	2" x 2.25" x 1.5" 57 x 57 x 38 mm	3.5" x 2.25" x 1.5" 89 x 57 x 38 mm	3.5" x 2.25" x 1.5" 89 x 57 x 38 mm
Weight	3oz/85g	5 oz/142g	6 oz/170g	6 oz/170g
Features:	-	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	Flat Housing	I/O Ports	I/O Ports	-
Environmental Rating	Outdoor IP67 Rated	Outdoor IP67 Rated	Outdoor IP67 Rated	Outdoor IP67 Rated
Mounting	Screws/Magnets	Bracket Included	Bracket Included	Bracket Included

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE Options	RANGE		PART NUMBERS	PART NUMBERS PoE
		Distance	HFOV		
NANO 3M 	10°	280ft/85m	50ft/15m	AT-3M-S.3MS1810	
	20° x 10°	190ft/57m	60ft/18m	AT-3M-S.3MS182010	
	30°	140ft/42m	72ft/22m	AT-3M-S.3MS1830	
	60° x 30°	100ft/30m	100ft/30m	AT-3M-S.3MS186030	
	90°	62ft/18m	80ft/24m	AT-3M-S.3MS1890	
	150°	44ft/13m	80ft/24m	AT-3M-S.3MS18150	
NANO 5M/5ME 	10°	370ft/112m	65ft/19m	AT-5M-S.5MS1810	AT-5ME-A.5MEA3810
	20° x 10°	250ft/76m	78ft/23m	AT-5M-S.5MS182010	AT-5ME-A.5MEA382010
	30°	185ft/56m	96ft/29m	AT-5M-S.5MS1830	AT-5ME-A.5MEA3830
	60° x 30°	130ft/39m	130ft/39m	AT-5M-S.5MS186030	AT-5ME-A.5MEA386030
	90°	82ft/25m	105ft/32m	AT-5M-S.5MS1890	AT-5ME-A.5MEA3890
	150°	58ft/17m	105ft/32m	AT-5M-S.5MS18150	AT-5ME-A.5MEA38150
NANO-i 2L 	120°	22ft/8m	37ft/11m	AT-2L.2L18120	

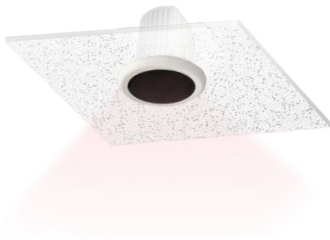




OMNI 3LE



OMNI 5LE



OMNI IR 3LE | 5LE | 3B

Compact Infrared Illuminators

OMNI series IR lights feature a compact and low-profile design. OMNI 5LE & 3LE are indoor fixtures that mount recessed a ceiling or wall. OMNI can be powered using PoE (PoE+) or 12V power. Omni IR Illuminators provide full room IR illumination and have a sleek, low profile design that blends well with any interior surrounding.

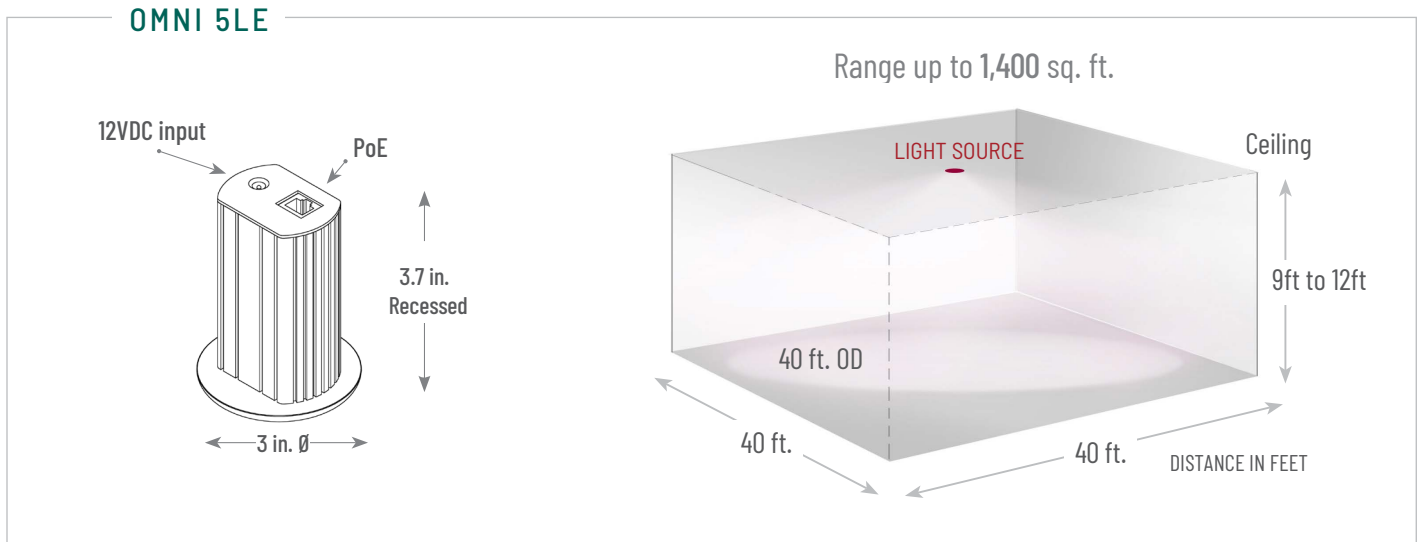
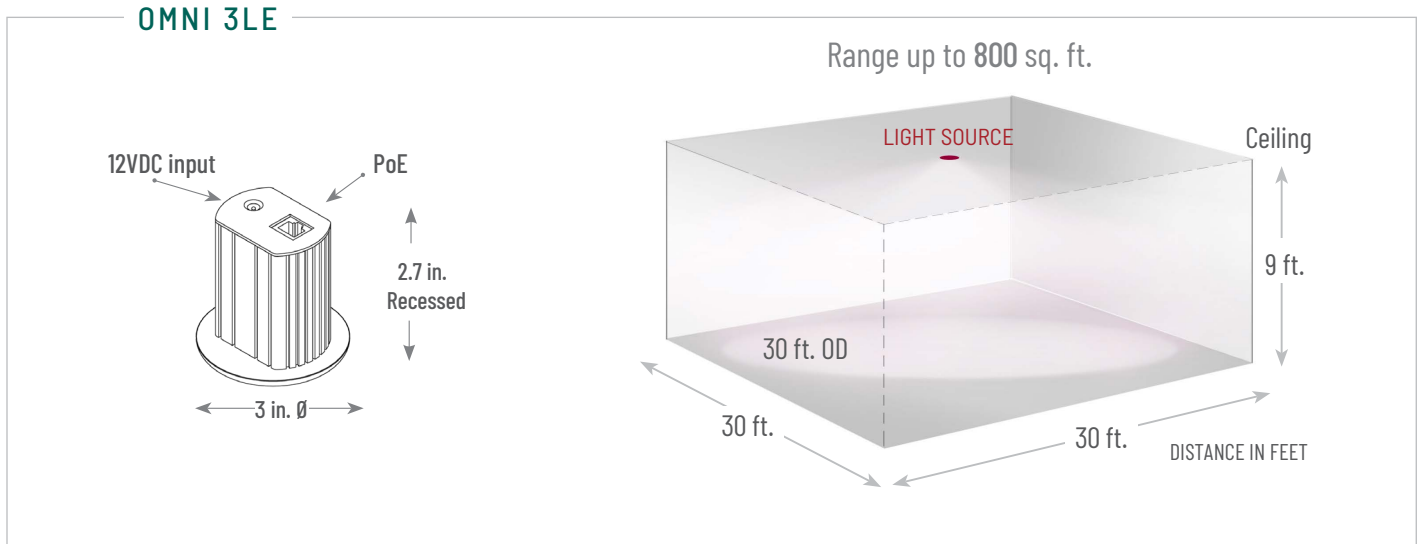
FEATURES



- Mounts Recessed in a Ceiling or Wall - Only the 3" dia. face is visible
- Infrared Coverage of up to 1,400 sq. ft.
- Both PoE & Low Voltage Inputs - Use PoE and/or 12 VDC power
- Low Profile Design - Blends well with any interior
- Rugged Vandal Resistant - Metal Housing with Powder Coated Exterior
- White Powder Coated Housing available, contact us for details
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

SPECIFICATIONS	OMNI 3LE	OMNI 5LE
Wavelength	850nm Infrared	850nm Infrared
Input Voltage	12 VDC or PoE (PoE+)	12 VDC or PoE (PoE+)
Power Consumption	3 Watts	5 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	3" Ø x 2.7" Ø 76 x 69 mm	3" Ø x 3.7" Ø 76 x 94 mm
Weight	6oz/170g	7.5oz/212g
Features:	Recessed Mounting in Ceiling or Wall	Recessed Mounting in Ceiling or Wall
Environmental Rating	Indoor	Indoor
Mounting	Recessed Fixture	Recessed Fixture

ILLUMINATION RANGE

Omni 3LE, 5LE Illuminators can be mounted recessed in ceiling or wall.



MODEL	ANGLE	RANGE		PART NUMBER
		Distance	HFOV	
 OMNI 3LE	150°	800 sq ft	150°	AT-3LE.3LE138150
 OMNI 5LE	150°	1,400 sq ft	150°	AT-5LE.5LE138150





HELIOS 11Y



HELIOS 25Y



HELIOS 56Y

HELIOS IR 11Y | 25Y | 56Y

Solar/Battery Powered IR Illuminators

HELIOS IR Illuminators are specifically designed for use with battery, or solar battery powered systems. Choose from multiple light coverage, angle options. Rugged, outdoor IP67 rated, vandal resistant construction. Equipped with I/O ports for seamless camera sync, and an automatic DAY/NIGHT sensor for easy integration.

FEATURES

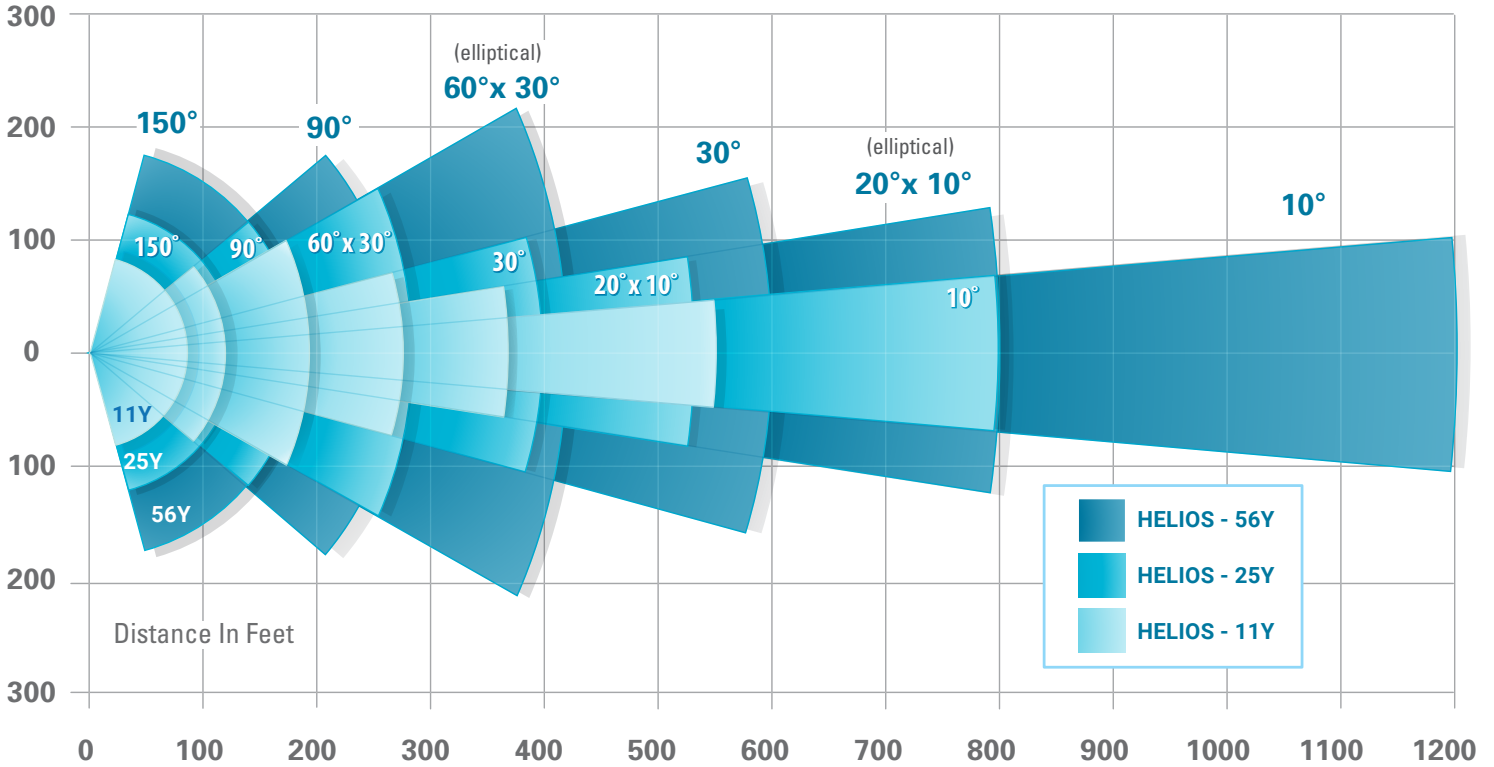
- Energy Efficient LED Infrared
- Multiple Range/Beam Angle Options - Range up to 1,200ft
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Adjustable Tilting U Bracket* Included for simplified installation and added illumination control
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement




SPECIFICATIONS	HELIOS 11Y	HELIOS 25Y	HELIOS 56Y
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage	9 to 28 VDC	9 to 28 VDC	9 to 28 VDC
Power Consumption	11 Watts	25 Watts	56 Watts
Operating Temp.	-58° to 140°F/-50° to 60°C	-58° to 140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 133 x 76 x 184mm	6.25" x 3.5" x 9.25" 159 x 89 x 235mm
Weight	1.25 lbs/.56kg	3 lbs/1.3kg	5.5 lbs/2.5kg
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Tilting U Bracket* Included	Tilting U Bracket* Included	Tilting U Bracket* Included

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole [Pan/Tilt mounting adapter](#) (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS
		Distance	HFOV	
HELIOS 11Y 	10°	540ft/164m	94ft/28m	AT-11Y-S.11YS1810
	20° x 10°	360ft/109m	112ft/34m	AT-11Y-S.11YS182010
	30°	270ft/82m	140ft/42m	AT-11Y-S.11YS1830
	60°x 30°	190ft/58m	190ft/58m	AT-11Y-S.11YS186030
	90°	120ft/36m	152ft/46m	AT-11Y-S.11YS1890
	150°	80ft/24m	155ft/47m	AT-11Y-S.11YS18150
HELIOS 25Y 	10°	800ft/243m	140ft/42m	AT-25Y-S.25YS1810
	20° x 10°	530ft/161m	166ft/50m	AT-25Y-S.25YS182010
	30°	400ft/122m	207ft/63m	AT-25Y-S.25YS1830
	60°x 30°	285ft/86m	285ft/86m	AT-25Y-S.25YS186030
	90°	175ft/53m	225ft/68m	AT-25Y-S.25YS1890
	150°	120ft/36m	232ft/70m	AT-25Y-S.25YS18150
HELIOS 56Y 	10°	1200ft/365m	209ft/63m	AT-56Y-S.56YS1810
	20° x 10°	800ft/243m	250ft/76m	AT-56Y-S.56YS182010
	30°	600ft/182m	310ft/94m	AT-56Y-S.56YS1830
	60°x 30°	420ft/128m	420ft/128m	AT-56Y-S.56YS186030
	90°	270ft/82m	347ft/105m	AT-56Y-S.56YS1890
	150°	185ft/56m	357ft/108m	AT-56Y-S.56YS18150





HELIOS 11YW



HELIOS 25YW



HELIOS 56YW

HELIOS WHITE 11YW | 25YW | 56YW

Solar/Battery Powered White Floodlights

HELIOS White Lights are specifically designed for use with battery, or solar battery powered systems. Choose from multiple light coverage, angle options. Rugged, outdoor IP67 rated, vandal resistant construction. Equipped with I/O ports for seamless camera sync, and an automatic DAY/NIGHT sensor for easy integration.

FEATURES

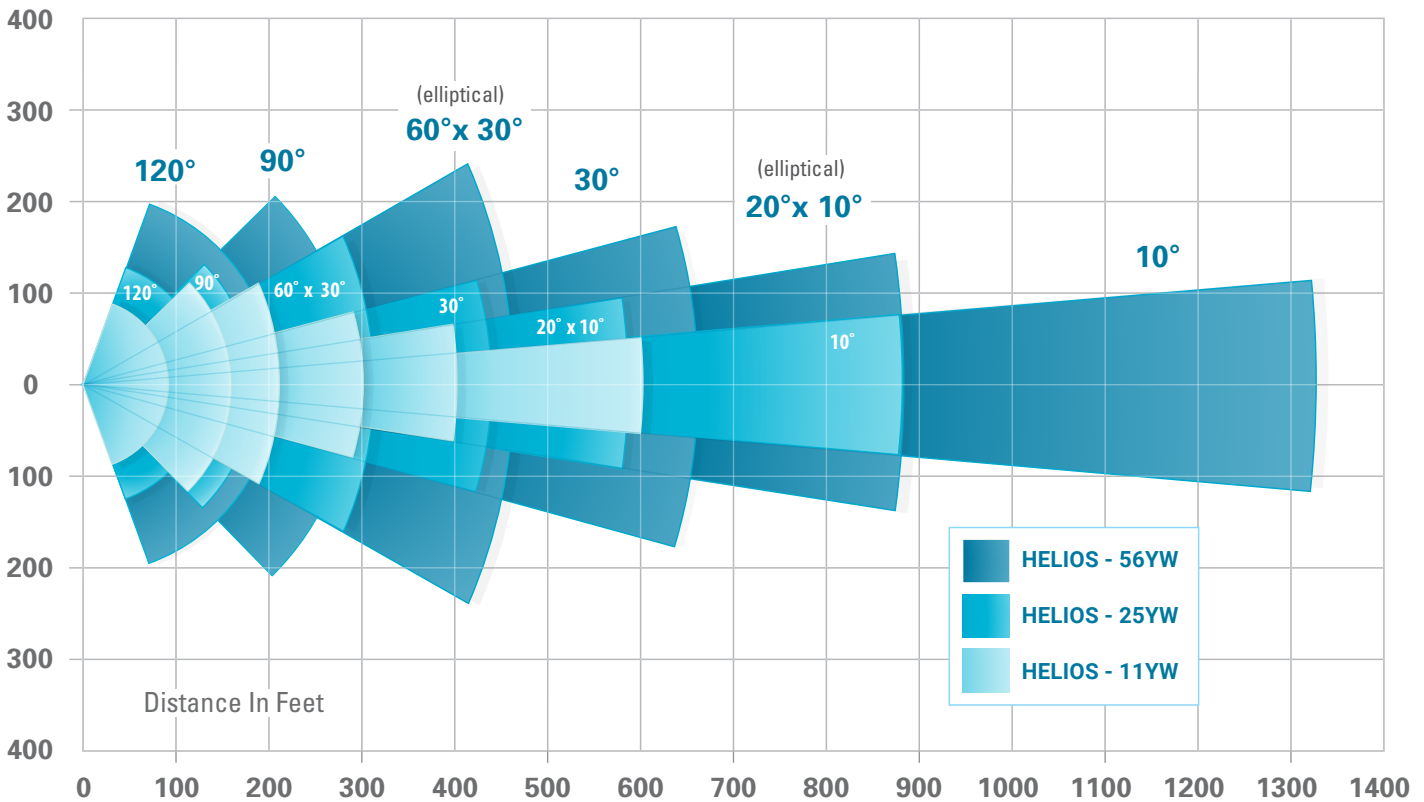
- Powerful, Energy Efficient LED White Lights - up to 9,500 Lumens
- Multiple Range/Beam Angle Options - Range up to 1,200ft
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Adjustable Tilting U Bracket* Included for simplified installation and added illumination control
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement




SPECIFICATIONS	HELIOS 11YW	HELIOS 25YW	HELIOS 56YW
White Light - Temp./Lumens	5000K/1,800 Lm	5000K/4,200 Lm	5000K/9,500 Lm
Input Voltage	9 to 28 VDC	9 to 28 VDC	9 to 28 VDC
Power Consumption	11 Watts	25 Watts	56 Watts
Operating Temp.	-58° to 140°F/-50° to 60°C	-58° to 140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 133 x 76 x 184mm	6.25" x 3.5" x 9.25" 159 x 89 x 235mm
Weight	1.25 lbs/.56kg	3 lbs/1.3kg	5.5 lbs/2.5kg
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Tilting U Bracket* Included	Tilting U Bracket* Included	Tilting U Bracket* Included

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole Pan/Tilt mounting adapter (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS
		Distance	HFOV	
HELIOS 11YW 	10°	594ft/181m	103ft/31m	AT-11YW-S.11YWS1110
	20° x 10°	396ft/120m	123ft/37m	AT-11YW-S.11YWS112010
	30°	297ft/90m	154ft/47m	AT-11YW-S.11YWS1130
	60° x 30°	209ft/63m	209ft/63m	AT-11YW-S.11YWS116030
	90°	132ft/40m	167ft/51m	AT-11YW-S.11YWS1190
	120°	88ft/26m	153ft/46m	AT-11YW-S.11YWS11120
HELIOS 25YW 	10°	880ft/268m	154ft/47m	AT-25YW-S.25YWS1110
	20° x 10°	583ft/177m	182ft/55m	AT-25YW-S.25YWS112010
	30°	440ft/134m	227ft/69m	AT-25YW-S.25YWS1130
	60° x 30°	313ft/95m	313ft/95m	AT-25YW-S.25YWS116030
	90°	192ft/59m	247ft/75m	AT-25YW-S.25YWS1190
	120°	132ft/40m	228ft/69m	AT-25YW-S.25YWS11120
HELIOS 56YW 	10°	1,320ft/402m	230ft/70m	AT-56YW-S.56YWS1110
	20° x 10°	880ft/268m	275ft/83m	AT-56YW-S.56YWS112010
	30°	660ft/201m	341ft/104m	AT-56YW-S.56YWS1130
	60° x 30°	462ft/140m	462ft/140m	AT-56YW-S.56YWS116030
	90°	297ft/90m	382ft/117m	AT-56YW-S.56YWS1190
	120°	203ft/62m	352ft/107m	AT-56YW-S.56YWS11120





Hybrid 25H



Hybrid 56H

HYBRID 25H | 25HE | 56H

Infrared and White Combined

The Hybrid Series lights combine powerful IR illumination and event-driven White Light into one compact solution. By default, the IR light is enabled when camera switches to Night Mode in low-light conditions. When a predetermined event occurs, a camera, or any other auxiliary device, sends a signal via the I/O Port to activate the White Light. After an event the illuminator and camera go back to IR Mode, continuing discreet surveillance.

FEATURES

- Input/Output (I/O) ports can be used to sync the light with: camera, motion sensor or any other device with I/O Ports. Trigger White Light activation upon specified event.
- Multiple Range/Beam Angle Options - Range up to 1,200ft
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- PoE+ Powered Option - HYBRID 25HE
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

TIPS: AXTON's Hybrid Series lights use I/O ports to receive a signal from virtually any auxiliary devices or sensors to trigger the White Light. It can also send a signal to the camera, or activate other system components during the alarm.

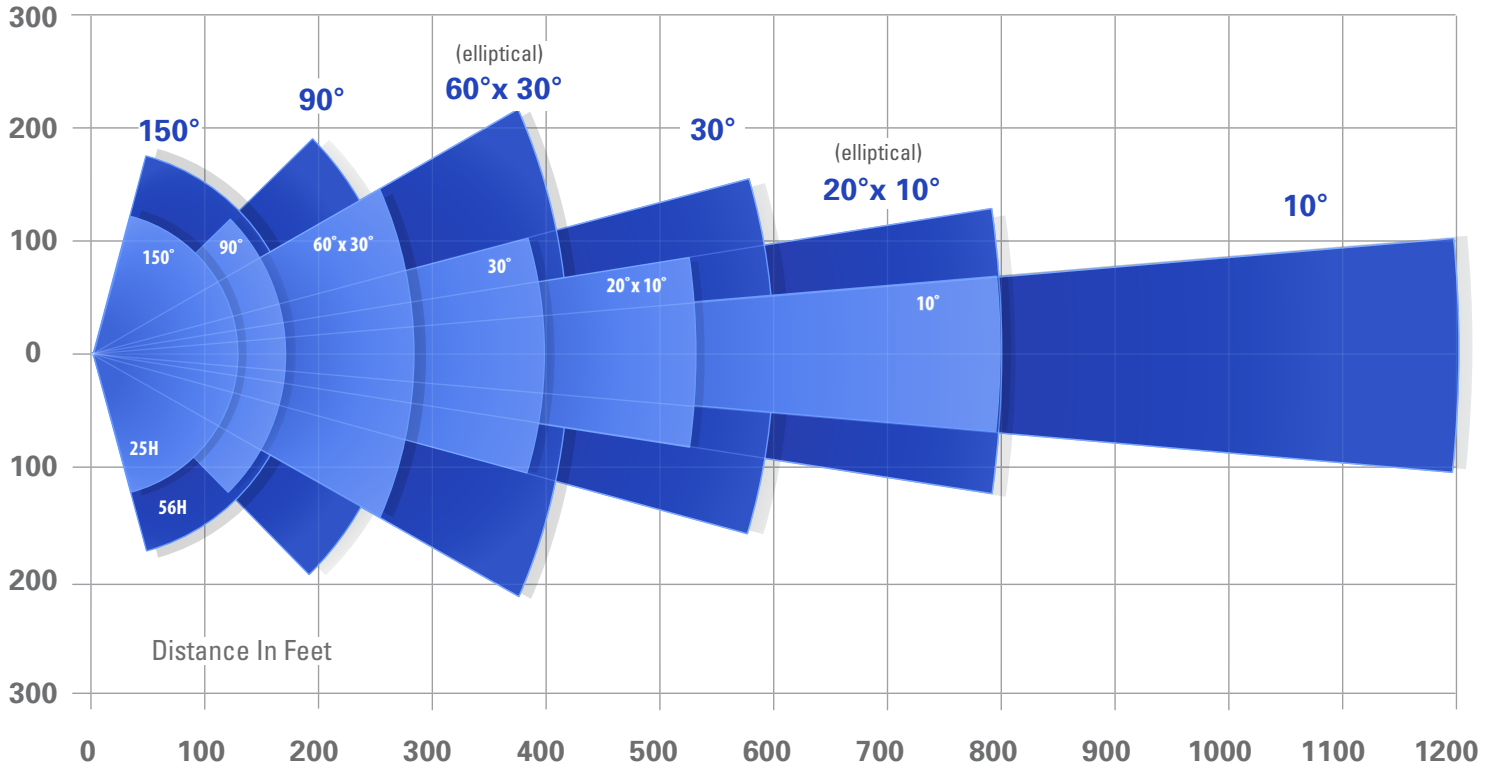
SPECIFICATIONS	Hybrid 25H	Hybrid 25HE (PoE)	Hybrid 56H
Input Voltage	24 to 36 VDC or 24 VAC	[†] PoE+ (or PoE++)	24 to 36 VDC or 24 VAC
Wavelength Ir	850nm Infrared		850nm Infrared
White Light Lumens/Temp.	4,200 Lm/5000K		9,500 Lm/5000K
Power Consumption	25 Watts		56 Watts
Operating Temp.	-58°to140°F/-50° to 60°C		-58°to140°F/-50° to 60°C
Dimensions	5.25" x 3" x 7.25"/133 x 76 x 184mm		6.25" x 3.5" x 9.25"/159 x 89 x 235mm
Weight	3 lbs/1.3kg		5.5 lbs/2.5kg
Features:	I/O Ports		I/O Ports
	Event Activated White Light		Event Activated White Light
Environmental Rating	Outdoor IP67 Rating		Outdoor IP67 Rating
Mounting	Tilting U Bracket* Included		Tilting U Bracket* Included



[†]VDC auxiliary option available: 25HE/24VDC AUX

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole [Pan/Tilt mounting adapter](#) (separate).

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE options	RANGE*		PART NUMBERS	
		Distance	HFOV	Low Voltage	PoE+
Hybrid 25H(E) 	10°	800ft/243m	140ft/42m	AT-25H-S.25HS21810	AT-25HE-S.25HES31810
	20° x 10°	530ft/61m	166ft/50m	AT-25H-S.25HS2182010	AT-25HE-S.25HES3182010
	30°	400ft/122m	207ft/63m	AT-25H-S.25HS21830	AT-25HE-S.25HES31830
	60° x 30°	285ft/86m	285ft/86m	AT-25H-S.25HS2186030	AT-25HE-S.25HES3186030
	90°	175ft/53m	225ft/68m	AT-25H-S.25HS21890	AT-25HE-S.25HES31890
	150°	120ft/36m	232ft/70m	AT-25H-S.25HS218150	AT-25HE-S.25HES318150
Hybrid 56H 	10°	1200ft/365m	209ft/63m	AT-56H-S.56HS21810	
	20° x 10°	800ft/243m	250ft/76m	AT-56H-S.56HS2182010	
	30°	600ft/182m	310ft/94m	AT-56H-S.56HS21830	
	60° x 30°	420ft/128m	420ft/128m	AT-56H-S.56HS2186030	
	90°	270ft/82m	347ft/105m	AT-56H-S.56HS21890	
	150°	185ft/56m	357ft/108m	AT-56H-S.56HS218150	

Ranges are for IR light the White Light Range will be increased by 10%.





ZOOM PANORAMIC 45Z

ZOOM 15Z | 45Z

Multiple Angle IR Illuminators

Zoom IR illuminators are designed to offer the ultimate flexibility. Each unit has built in angle options that can be selected via the I/O ports in real-time, or during installation. Light coverage/beam angles can be changed to suit changing site requirements.



ZOOM 15Z

FEATURES

- Multiple Angles/Coverage Options in One Unit
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Infrared Coverage of up to 740ft - AT-45Z, 20° x 10°
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and Manufactured in the USA, Lifetime Warranty

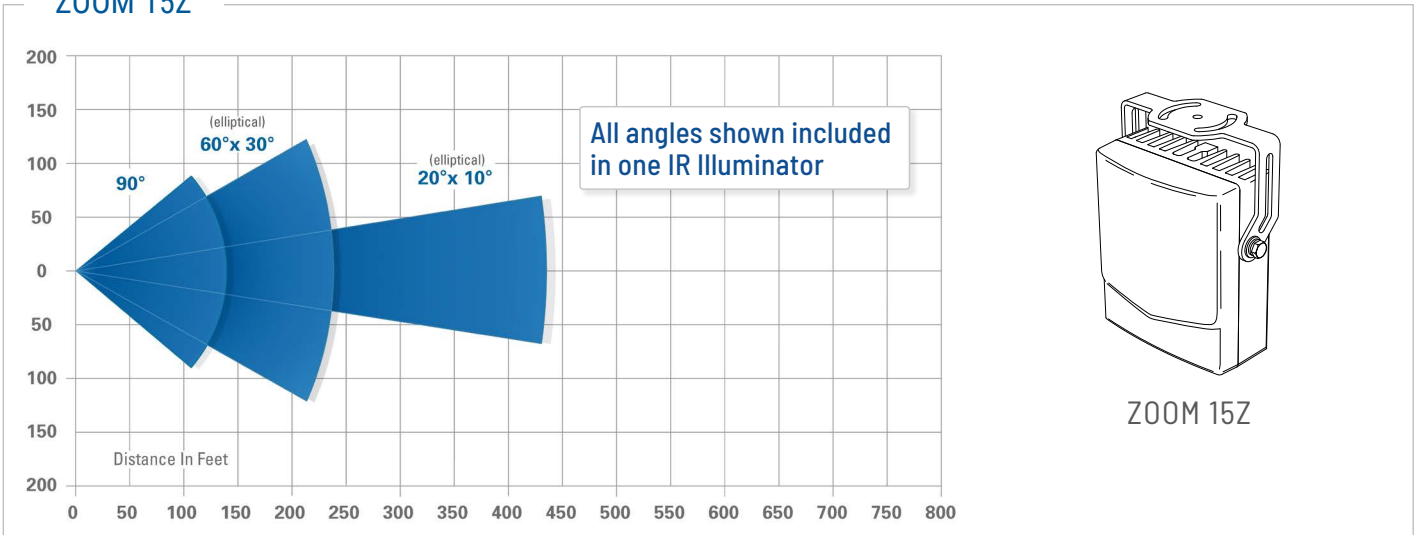
SPECIFICATIONS	Zoom 15Z	Zoom Panoramic 45Z
Wavelength	850nm Infrared	850nm Infrared
Input Voltage	24 to 36 VDC or 24 VAC	Options: 24V AC/DC or Universal AC
Power Consumption	15 Watts	45 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	5.25" x 3" x 7.25" 133 x 76 x 184mm	20.5" x 7" x 13.5" 520 x 177 x 343mm
Weight	3 lbs/1.3kg	20lbs/9kg
Features:	Multiple Angles: 90°, 60°x30°, 20x10°	Multiple Angles: 270°, 180°x30°, 60x10°
	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Tilting U Bracket* Included	Pan/Tilt Mounting System**

**Pole, Wall or Corner Mount Adapter Required depending upon mounting location.

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole Pan/Tilt mounting adapter (separate).

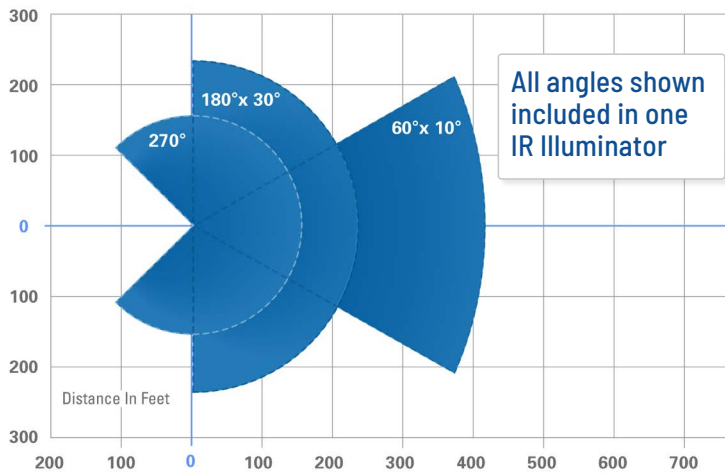
ILLUMINATION RANGE

ZOOM 15Z

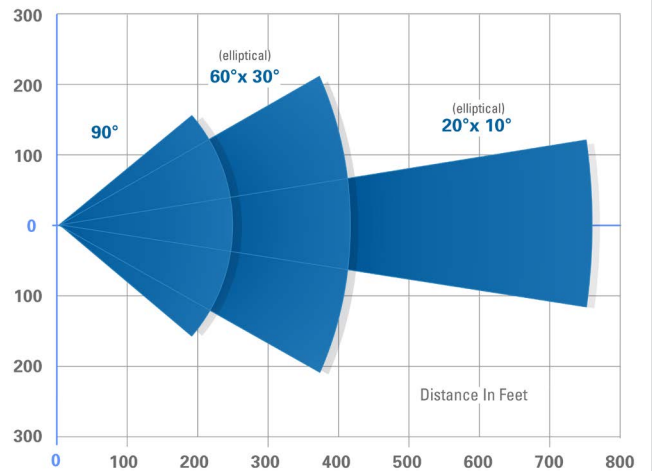


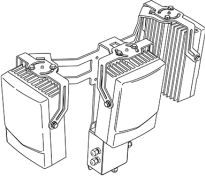
ZOOM 45Z

Range Option A Light panels rotated fully outward
(max. HFOV = min. Distance)



Range Option B Light panels rotated fully inward
(max. Distance = min. HFOV)



Illuminator	RANGE			PART NUMBER	
	ANGLES	DISTANCE	HFOV		
Zoom - 15Z	90°	145ft/44m	205ft/62m	AT-15Z-S.15ZS28	
	60° x 30°	230ft/70m	230ft/70m		
	20° x 10°	430ft/131m	150ft/45m		
Zoom 45Z 	OPTION A: Panels Rotated Outward			24V AC/DC	Universal AC
	270°	145ft/44m	290ft/88m	AT-45Z-S.45ZS28	AT-45Z-S.45ZS48
	180° x 30°	230ft/70m	460ft/140m		
	60° x 10°	430ft/131m	460ft/140m		
	OPTION B: Panels Rotated Inward				
	90°	250ft/76m	350ft/106m		
	60° x 30°	400ft/121m	400ft/121m		
20° x 10°	740ft/225m	255ft/77m			





Panoramic 180°



Panoramic 270°



Panoramic 360°

PANORAMIC IR 180° | 270° | 360°

Wide Angle, Long Range IR Illuminators

AXTON's Panoramic Series lights offer unprecedented illumination range and flexibility in one easy to deploy solution. Panoramic 180° & 270° Illuminators offer multiple scene lighting options. Rotate the panels outward for max HFOV, or inward for max range.

Panoramic PoE models features single CAT6 cable input, and a CAT6 (PoE+ Data) cable output, to power an IP camera, eliminating the need to run additional cable.

FEATURES

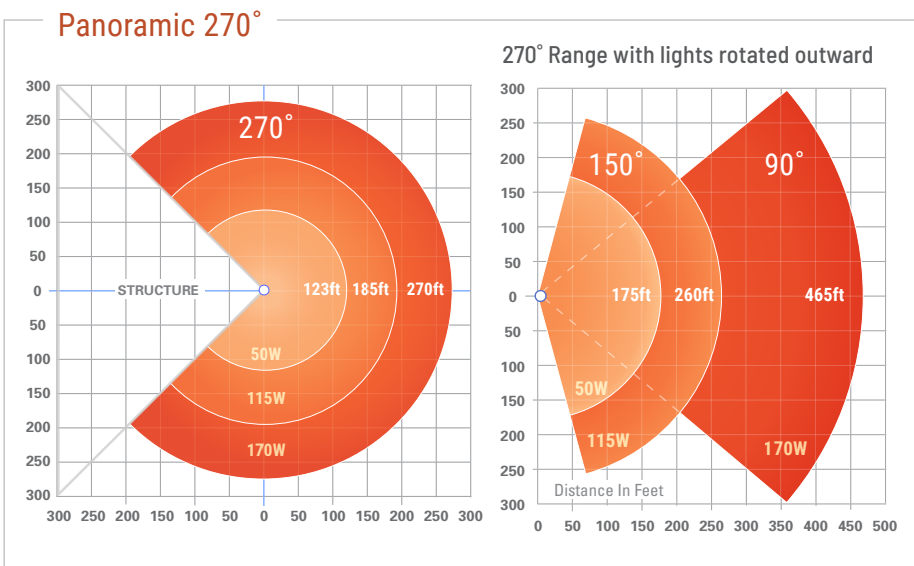
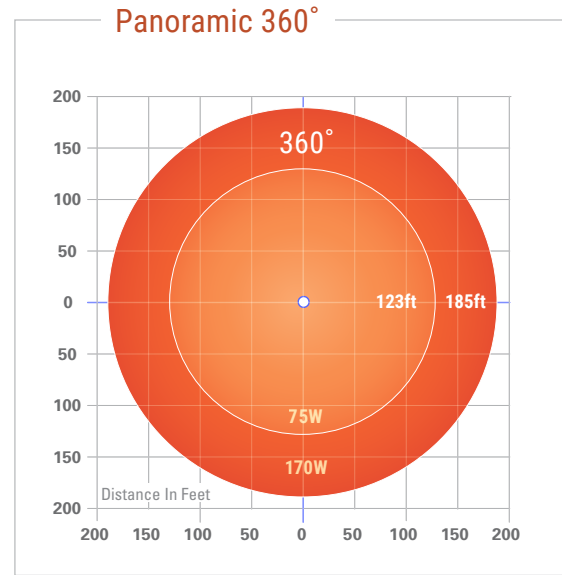
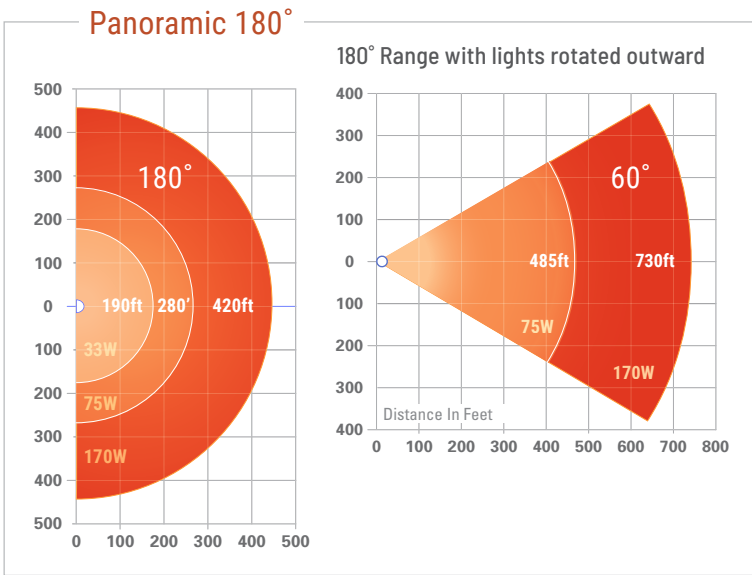
- Ideal for Wide Angle/Long Range, Outdoor Applications
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Energy Efficient LED Lights - 33 to 170 Watts
- Adjustable Pan/Tilt mounting system Light panels fully adjustable for flexible illumination control and simplified installation
- Designed and Manufactured in the USA, Lifetime warranty with advanced replacement

SPECIFICATIONS	Panoramic 180°	Panoramic 270°	Panoramic 360°
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage Options:	24V AC/DC	24V AC/DC	24V AC/DC
	Universal AC	Universal AC	Universal AC
	PoE++ (33 & 75 watt only)	PoE++ (50 watt only)	PoE++ (75 watt only)
Power Consumption	33, 75 or 170 Watts	50, 115 or 170 Watts	75 or 170 Watts
Dimensions	23.78" x 7.3" x 15.2" varies by model	23.78" x 7.3" x 15.2" varies by model	20.5" x 20.5" x 15.2" varies by model
Weight	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**

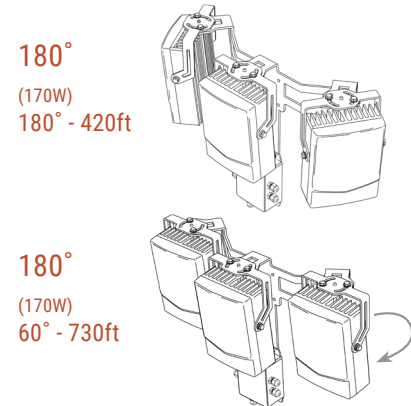
**Pole, Wall or Corner Mount Adapter Required depending upon mounting location.

ILLUMINATION RANGE

The illumination distance diagrams below shows the approximate range of Panoramic Series lights for specified wattage options.



Flexible Angles & Ranges - 180° & 270° light panels can be rotated inward, to increase the forward range (reducing the HFOV). Ranges are for max panels rotations in or out, ranges in-between can be achieved.



Other lens angles are available with ranges up to 2,075 feet. Please contact us for other long range option details.

MODEL	WATTS	RANGE		PART NUMBERS (Input Power Options)		
		Distance [†]	HFOV	24 VAC/DC	UNIVERSAL AC	PoE++
Panoramic 180°	170W	420ft/128m	180°	AT-170S-180P.170SP28180	AT-170S-180P.170SP48180	-
	75W	280ft/85m		AT-75S-180P.75SP28180	AT-75S-180P.75SP48180	AT-75E-180P.75EP38180
	33W	190ft/57m		AT-33S-180P.33SP28180	AT-33S-180P.33SP48180	AT-33E-180P.33EP38180
Panoramic 270°	170W [†]	270ft/82m	270°	AT-170S-270P.170SP28270	AT-170S-270P.170SP48270	-
	115W	185ft/56m		AT-115S-270P.115SP28270	AT-115S-270P.115SP48270	-
	50W	123ft/37m		AT-50S-270P.50SP28270	AT-50S-270P.50SP48270	AT-50E-270P.50EP38270
Panoramic 360°	170W	185ft/56m	360°	AT-170S-360P.170SP28360	AT-170S-360P.170SP48360	-
	75W	123ft/37m		AT-75S-360P.75SP28360	AT-75S-360P.75SP48360	AT-75E-360P.75EP38360





BLAZE 180°



BLAZE 270°



BLAZE 360°

BLAZE PANORAMIC 180° | 270° | 360°

Wide Angle, Long Range White Floodlights

AXTON's Blaze wide angle Floodlights offer unprecedented coverage flexibility and range in one easy to deploy solution. Blaze Panoramic 180° & 270° Illuminators offer multiple scene lighting options. Rotate the panels outward for max HFOV, or inward for max range of up to 730 feet.

FEATURES

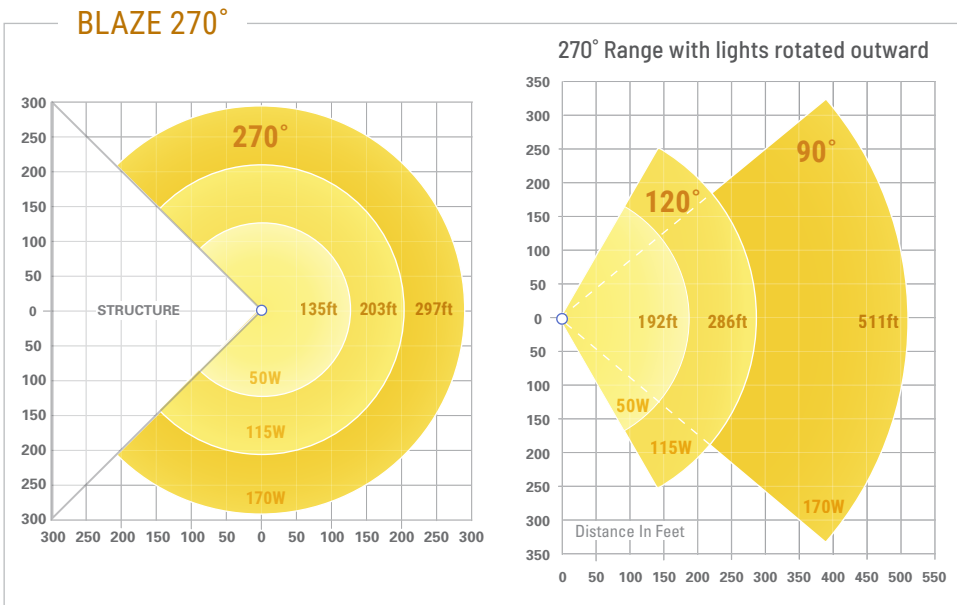
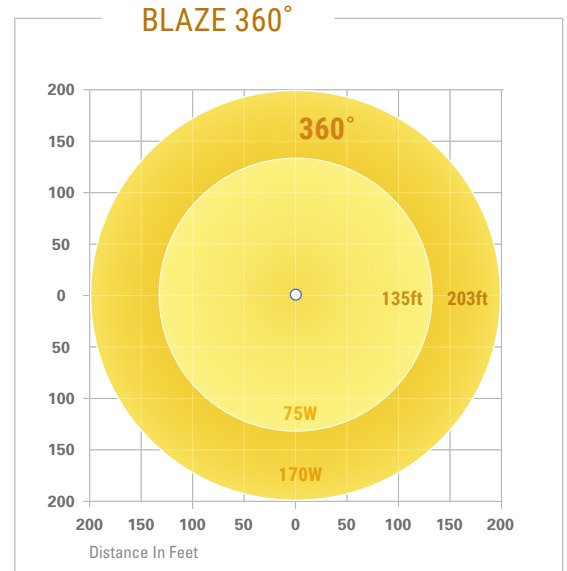
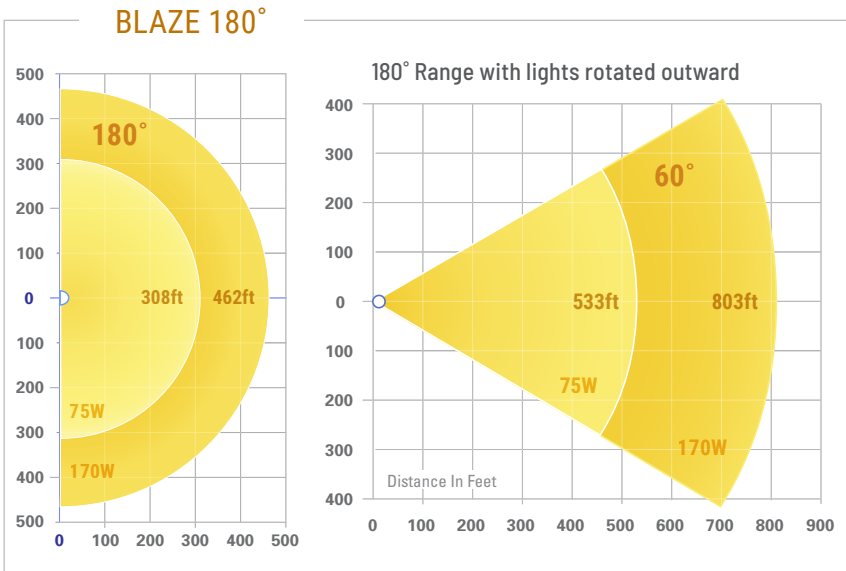
- Powerful, Energy Efficient LED White Lights - up to 9,500 Lumens
- Multiple Range/Beam Angle Options - Range up to 1,200ft
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Adjustable Pan/Tilt Mounting System Light panels fully adjustable for illumination control and simplified installation
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Outdoor IP67 Rated - Rugged and Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

SPECIFICATIONS	Blaze 180°	Blaze 270°	Blaze 360°
White Light Lumens/Temp.	up to 28,500 Lm/5000K	up to 28,500 Lm/5000K	up to 28,500 Lm/5000K
Input Voltage Options:	24V AC/DC	24V AC/DC	24V AC/DC
	Universal AC	Universal AC	Universal AC
	PoE++ (75 watt only)	PoE++ (50 watt only)	PoE++ (75 watt only)
Power Consumption	75 or 170 Watts	50, 115 or 170 Watts	75 or 170 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	23.78" x 7.3" x 15.2" varies by model	23.78" x 7.3" x 15.2" varies by model	20.5" x 20.5" x 15.2" varies by model
Weight	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting*	Pan/Tilt Mounting System*	Pan/Tilt Mounting System*	Pan/Tilt Mounting System*

*Pole, Wall or Corner Mount Adapter Required depending upon mounting location.

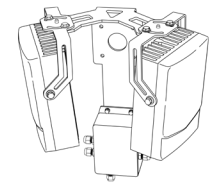
ILLUMINATION RANGE

The illumination distance diagrams below shows the approximate range of Blaze Panoramic lights for specified wattage options.

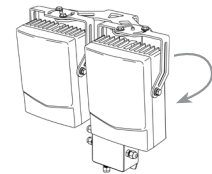


Flexible Angles & Ranges - 180° & 270° light panels can be rotated inward, to increase the forward range (reducing the HFOV). Ranges are for max panels rotations in or out, ranges in-between can be achieved.

Blaze 270°
(115W)
270° - 203ft



Blaze 270°
(115W)
120° - 286ft



MODEL	WATTS	RANGE		PART NUMBERS (Input Power Options)		
		Distance	HFOV	24V AC/DC	UNIVERSAL AC	PoE++
BLAZE 180°	170W	462ft/140m	180°	AT-170W-180P.170WP21180	AT-170W-180P.170WP41180	-
	75W	308ft/93m		AT-75W-180P.75WP21180	AT-75W-180P.75WP41180	AT-75WE-180P.75WEP31180
BLAZE 270°	170W [†]	297ft/90m	270°	AT-170W-270P.170WP21270	AT-170W-270P.170WP41270	-
	115W	203ft/62m		AT-115W-270P.115WP21270	AT-115W-270P.115WP41270	-
	50W	135ft/41m		AT-50W-270P.50WP21270	AT-50W-270P.50WP41270	AT-50WE-270P.50WEP31270
BLAZE 360°	170W	203ft/62m	360°	AT-170W-360P.170WP21360	AT-170W-360P.170WP41360	-
	75W	135ft/41m		AT-75W-360P.75WP21360	AT-75W-360P.75WP41360	AT-75WE-360P.75WEP31360





HELIOS 180° (IR)



HELIOS 270° (IR)



HELIOS 360° (IR)

HELIOS PANORAMIC 180° | 270° | 360°

Solar, Battery, Off-Grid Wide Angle IR or White

HELIOS IR Illuminators & White Lights are specifically designed for use with Solar, battery, off-grid security systems. Helios 180°, & 270° IR or White lights provide full 180° or 270° infrared illumination. The light panels can be rotated on the Pan/Tilt Mounting System for either, maximum HFOV, or for reduced HFOV and maximum distance. Helios 360° IR or White provides full 360°, long range IR or White light illumination. Integrate and control the light via I/O port sync with sensors, camera and other I/O port devices. Helios lights also have an automatic DAY/NIGHT sensor for quick and easy integration.

FEATURES

- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Adjustable Pan/Tilt Mounting System Light panels fully adjustable for illumination control and simplified installation
- Designed and Manufactured in the USA, Lifetime warranty with advanced replacement

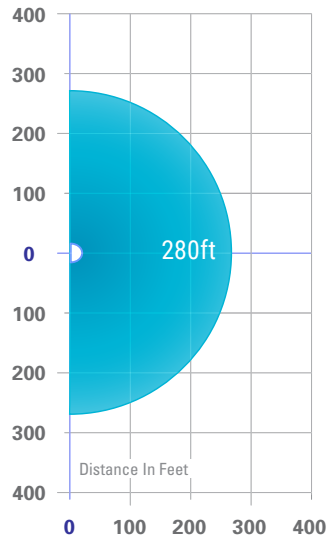
SPECIFICATIONS	HELIOS 180°	HELIOS 270°	HELIOS 360°
White Light	up to 19,000 Lm/5000K	up to 19,000 Lm/5000K	up to 12,600 Lm/5000K
Infrared Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
Input Voltage	9 to 28 VDC	9 to 28 VDC	9 to 28 VDC
Power Consumption	75 Watts	50 or 115 Watts	75 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	23.78" x 7.3" x 15.2" varies by model	23.78" x 7.3" x 15.2" varies by model	20.5" x 20.5"x 15.2" varies by model
Weight	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)
Features:	Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
	I/O Ports	I/O Ports	I/O Ports
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting**	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**

** Pole, Wall or Corner Mount Adapter Required depending upon mounting location

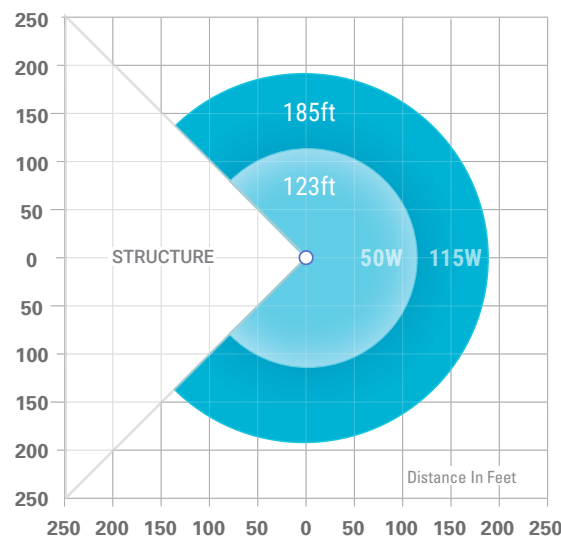
ILLUMINATION RANGE

The illumination distance diagrams below shows the approximate range of Helios Panoramic lights for specified wattage options.

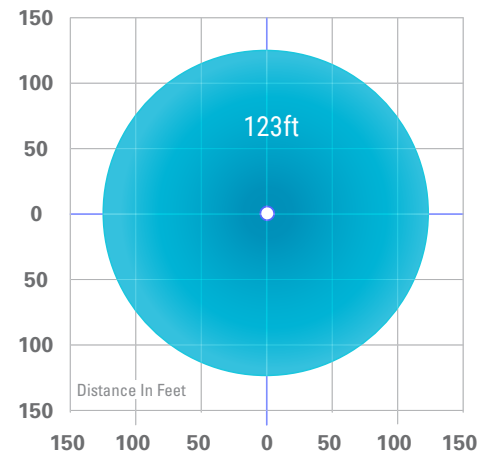
Helios 180° - Infrared



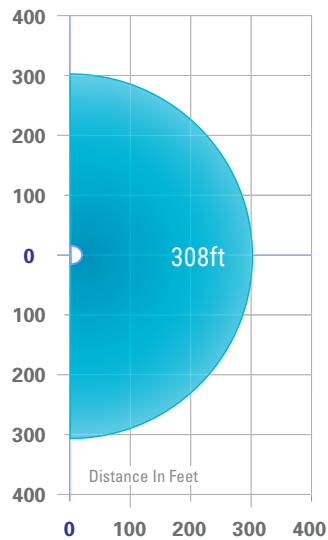
Helios 270° - Infrared



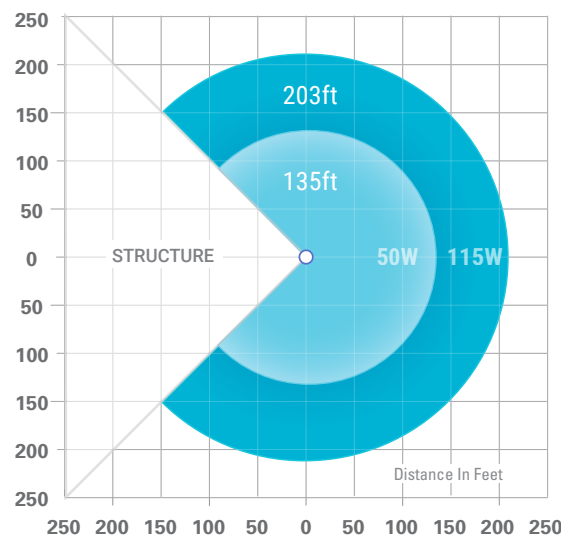
Helios 360° - Infrared



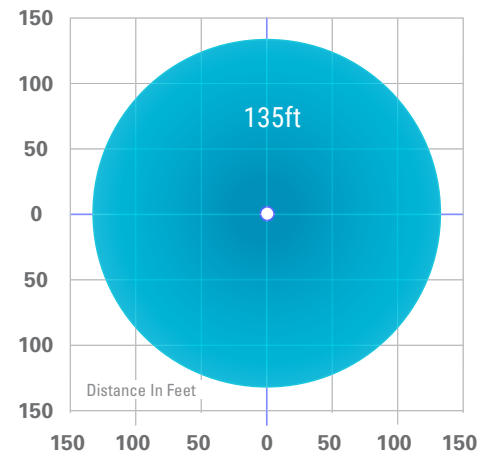
Helios 180° - White



Helios 270° - White



Helios 360° - White



MODEL	Watts	RANGE			PART NUMBERS	
		Infrared	White Light	HFOV	Infrared - 850nm	White Light
HELIOS 180°	75W	280ft/85m	308ft/94m	180°	AT-75Y-180P.75YP18180	AT-75YW-180P.75YWP11180
HELIOS 270°	115W	185ft/56m	203ft/62m	270°	AT-115Y-270P.115YP18270	AT-115YW-270P.115YWP11270
	50W	123ft/37m	135ft/41m	270°	AT-50Y-270P.50YP18270	AT-50YW-270P.50YWP11270
HELIOS 360°	75W	123ft/37m	135ft/41m	360°	AT-75Y-360P.75YP18360	AT-75YW-360P.75YWP11360





HYBRID 180°



HYBRID 270°



HYBRID 360°

HYBRID PANORAMIC 180° | 270° | 360°

Wide Angle IR & White Floodlight Combined

Hybrid Panoramic lights combine powerful IR illumination and event activated White Light in one easy to deploy solution. By default, the IR light is enabled when camera switches to Night Mode in low-light conditions. When a predetermined event occurs, the white light is triggered ON via Input/Output ports. The White light can be triggered ON by I/O port connected, sensors, camera or other I/O port connected device. The White Light alerts the intruder and captures important color information. After an event, the illuminator and camera go back to IR Mode continuing IR surveillance.

FEATURES

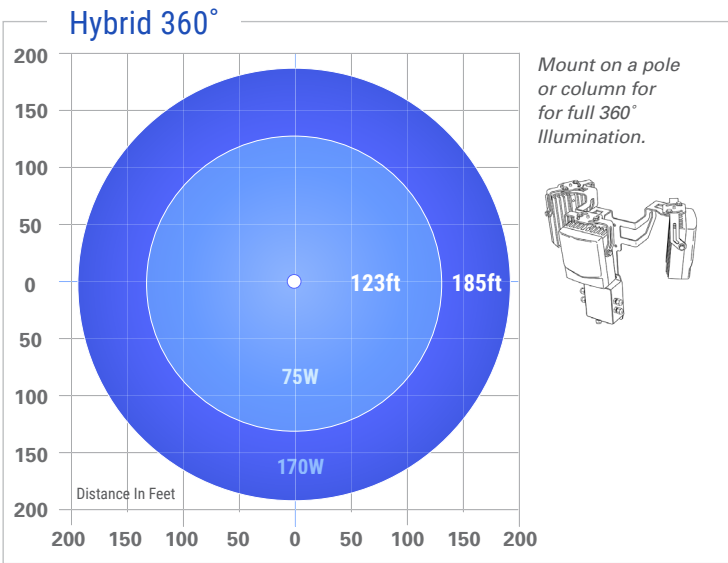
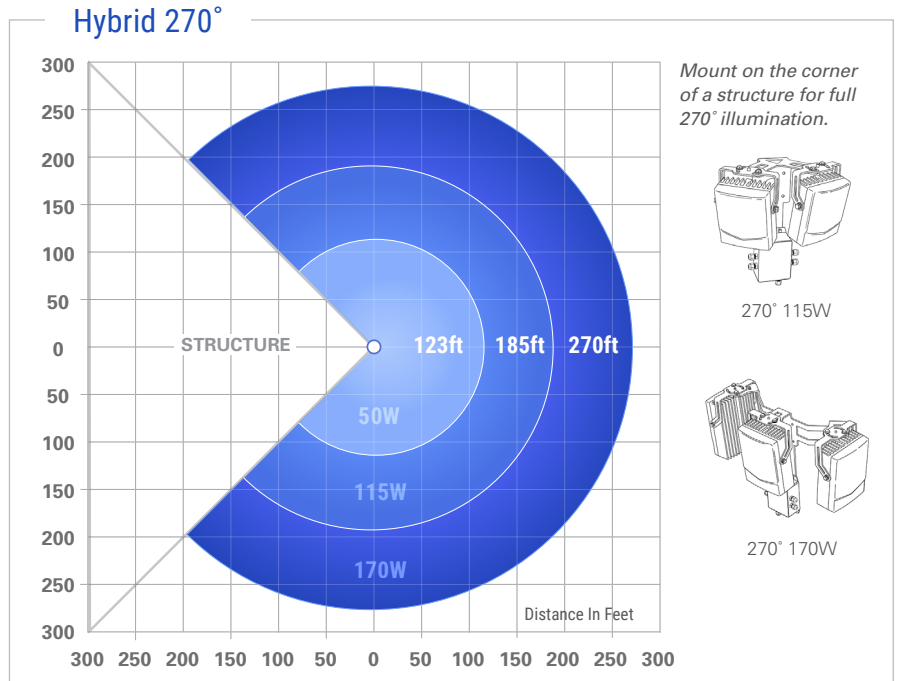
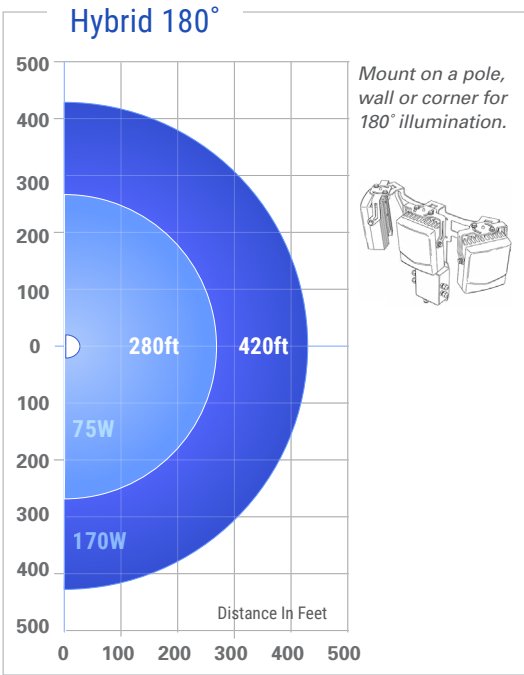
- Long Range Infrared Illuminator with Event Activated White Floodlight
- Input/Output Port sync with camera, sensors or any other device with I/O Ports. Trigger White Light activation upon specified event
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Adjustable Pan/Tilt mounting system Light panels fully adjustable for illumination control and simplified installation
- Designed and manufactured in the USA, Lifetime Warranty with advanced replacement

SPECIFICATIONS	Hybrid 180°	Hybrid 270°	Hybrid 360°
Wavelength	850nm Infrared	850nm Infrared	850nm Infrared
White Light Lumens/Temp.	up to 28,500 Lm/5000K	up to 28,500 Lm/5000K	up to 28,500 Lm/5000K
Input Voltage Options:	24V AC/DC or Universal AC	24V AC/DC or Universal AC	24V AC/DC or Universal AC
Power Consumption	75 or 170 Watts	50, 115 or 170 Watts	75 or 170 Watts
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	23.78" x 7.3" x 15.2" varies by model	23.78" x 7.3" x 15.2" varies by model	20.5" x 20.5" x 15.2" varies by model
Weight	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)	15 - 28 lbs (varies by model)
Features:	I/O Ports	I/O Ports	I/O Ports
	Event Activated White Light	Event Activated White Light	Event Activated White Light
Environmental Rating	Outdoor IP67 Rated	Outdoor IP67 Rated	Outdoor IP67 Rated
Mounting**	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**	Pan/Tilt Mounting System**

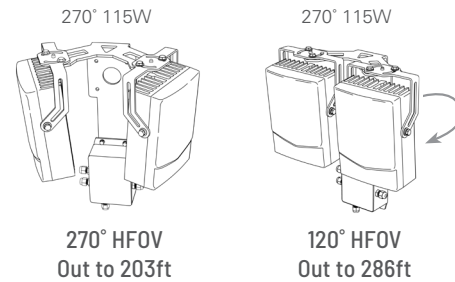
**Pole, Wall or Corner Mount Adapter Required depending upon mounting location.

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



Flexible Angles & Ranges - 180° & 270° light panels can be rotated inward, to increase the forward range (reducing the HFOV). Ranges are for max panels rotations in or out, ranges in-between can be achieved.



MODEL	Watt Options	RANGE		PART NUMBERS	
		Distance	HFOV	24V AC/DC	UNIVERSAL AC
Hybrid 180°	170W	420ft/128m	180°	AT-170H-180P.170HP218180	AT-170H-180P.170HP418180
	75W	285ft/86m		AT-75H-180P.75HP218180	AT-75H-180P.75HP418180
Hybrid 270°	170W	270ft/82m	270°	AT-170H-270P.170HP218270	AT-170H-270P.170HP418270
	115W	185ft/56m		AT-115H-270P.115HP218270	AT-115H-270P.115HP418270
	50W	123ft/37m		AT-50H-270P.50HP218270	AT-50H-270P.50HP418270
Hybrid 360°	170W	185ft/56m	360°	AT-170H-360P.170HP218360	AT-170H-360P.170HP418360
	75W	120ft/36m		AT-75H-360P.75HP218360	AT-75H-360P.75HP418360

Note: The above ranges are for the IR illumination. The White Light range will be increased by approximately 10%.





TACTICAL 11T



TACTICAL 25T



TACTICAL 56T

TACTICAL 940NM IR 11T/E/Y | 25T/E/Y | 56T/E/Y

Covert 940nm Infrared Illuminators

Tactical 940nm IR illuminators provide fully covert IR illumination for surveillance and security. Used by law enforcement professionals, and the military where red glow emitted by the 850nm lights is not acceptable. Tactical 940nm IR lights are also used for traffic/railroad applications where red glow can be interpreted as a signal.

FEATURES

- Fully covert 940nm Infrared
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Input Voltage Options - PoE Powered, 24VDC and Off-Grid, 9-28 VDC for Solar/Battery
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty

TIPS: 940nm Wavelength Compared to 850nm - Even though IR in the 940nm wavelength is completely invisible, 850nm IR is the standard because:

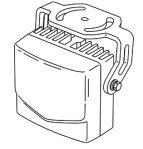
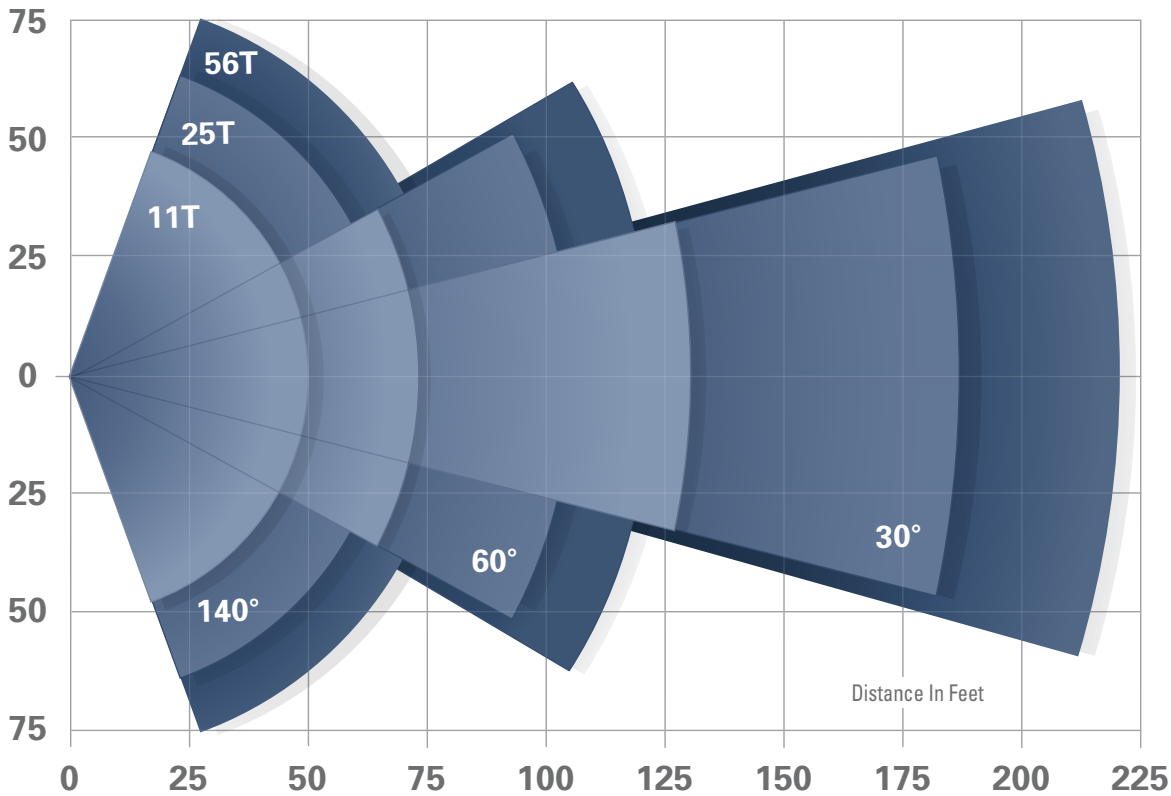
- Cameras are not as sensitive to 940nm IR as they are to 850nm IR.
- 940nm Infrared can have 40% to 50% less range than 850nm IR.

SPECIFICATIONS		Tactical 11T/E/Y	Tactical 25T/E/Y	Tactical 56T/E/Y
Wavelength		940nm Infrared	940nm Infrared	940nm Infrared
Input Voltage Options	Standard: T	24 to 36 VDC or 24 VAC	24 to 36 VDC or 24 VAC	24 to 36 VDC or 24 VAC
	OFF-GRID: TY	9 to 28 VDC	9 to 28 VDC	9 to 28 VDC
	PoE: TE	PoE (802.3af) or PoE+	*PoE+ (802.3at) or PoE++	*PoE++ (802.3bt)
Power Consumption		11 Watts	24 Watts	56 Watts
Operating Temp.		-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions		4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 33 x 76 x 184mm	6.25" x 3.5" x 9.25" 159 x 89 x 235mm
Weight		1.2 lbs/.54 kg	3 lbs/1.3kg	5.5 lbs/2.5kg
Features:		Day/Night Sensor	Day/Night Sensor	Day/Night Sensor
		I/O Ports	I/O Ports	I/O Ports
Environmental Rating		Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting		Tilting U Bracket* Included	Tilting U Bracket* Included	Tilting U Bracket* Included

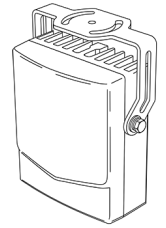
*VDC auxiliary option available for PoE models: 25TE/24VDC AUX & 56TE/36VDC AUX

ILLUMINATION RANGE

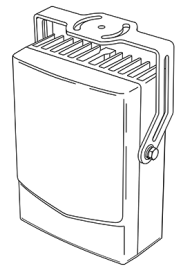
The illumination distance diagram below shows the approximate range for specified angle options.



11T: (24 VDC)
11TE: (PoE)
11TY: (Off-Grid)



25T: (24 VDC)
25TE: (PoE)
25TY: (Off-Grid)



56T: (24 VDC)
56TE: (PoE)
56TY: (Off-Grid)

MODEL	ANGLE	RANGE		PART NUMBERS (Input Power Options)		
		Distance	HFOV	24-36 VDC, 24 VAC	9-28 VDC (OFF-GRID)	PoE
Tactical 11T/E/Y	140°	49ft/15m	95ft/29m	AT-11T-S.11TS29140	AT-11TY-S.11TYS19140	AT-11TE-S.11TES39140
	60°	72ft/21m	72ft/21m	AT-11T-S.11TS2960	AT-11TY-S.11TYS1960	AT-11TE-S.11TES3960
	30°	132ft/40m	62ft/19m	AT-11T-S.11TS2930	AT-11TY-S.11TYS1930	AT-11TE-S.11TES3930
Tactical 25T/E/Y	140°	69ft/21m	134ft/40m	AT-25T-S.25TS29140	AT-25TY-S.25TYS19140	AT-25TE-S.25TES39140
	60°	100ft/30m	100ft/30m	AT-25T-S.25TS2960	AT-25TY-S.25TYS1960	AT-25TE-S.25TES3960
	30°	185ft/56m	86ft/26m	AT-25T-S.25TS2930	AT-25TY-S.25TYS1930	AT-25TE-S.25TES3930
Tactical 56T/E/Y	140°	80ft/24m	143ft/43m	AT-56T-S.56TS29140	AT-56TY-S.56TYS19140	AT-56TE-S.56TES39140
	60°	140ft/37m	140ft/37m	AT-56T-S.56TS2960	AT-56TY-S.56TYS1960	AT-56TE-S.56TES3960
	30°	220ft/67m	103ft/31m	AT-56T-S.56TS2930	AT-56TY-S.56TYS1930	AT-56TE-S.56TES3930

*Tactical 11T, 25T and 56T are also available in a 90° angle. Please contact us for details.





TACTICAL 2TL



TACTICAL 3TM



TACTICAL 3TLE

TACTICAL 940NM IR 2TL | 3TM | 3TLE

Compact Covert 940nm Infrared Illuminators

Tactical 940nm IR illuminators provide fully covert IR illumination for surveillance and security cameras. Ultra compact models include: outdoor rated Nano 3TM and the flat profile 2TL and the indoor 3TLE which mounts recessed in a ceiling or wall.

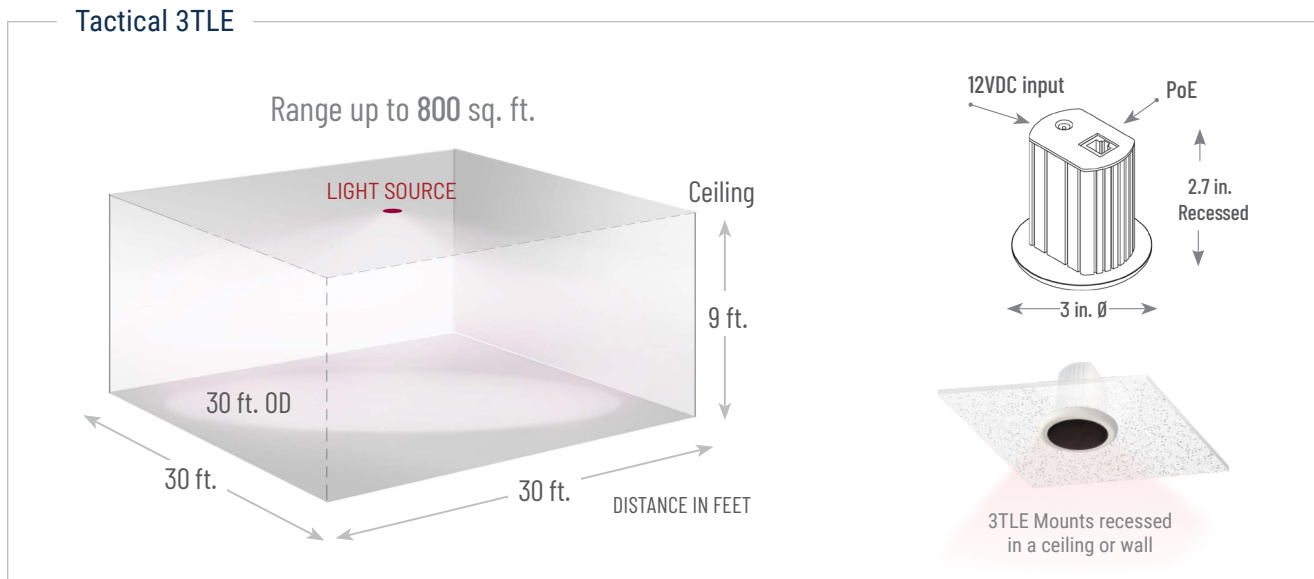
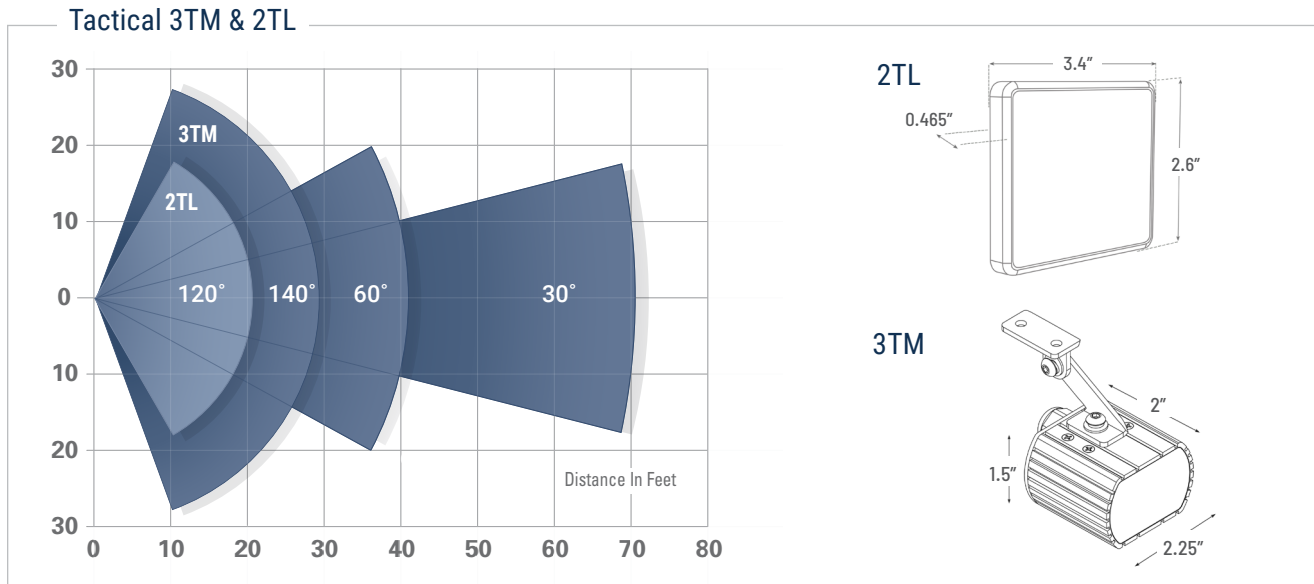
FEATURES

- Fully Covert 940nm Infrared, Compact Low-Profile Housing
- Rugged vandal resistant powder coated metal exterior
- Options - Outdoor IP67 Rated: 2TL, 3TM or Indoor Recessed Mounting: 3TLE
- Tactical 3TM - Multiple Range/Beam Angle Options, Automatic Day/Night Sensor and I/O port sync with other I/O port devices
- Designed and manufactured in the USA, Lifetime Warranty

SPECIFICATIONS	Tactical 2TL	Tactical 3TM	Tactical 3TLE
Wavelength	940nm Infrared	940nm Infrared	940nm Infrared
Input Voltage	12 VDC	9 to 18 VDC	12 VDC or PoE
Power Consumption	2 Watts	3 Watts	3 Watts
Operating Temp.	-58°to140°F -50° to 60°C	-58°to140°F -50° to 60°C	-58°to140°F -50° to 60°C
Dimensions	2.7" x 3.4" x 0.465" 68 x 86 x 12mm	2" x 2.25" x 1.5" 57 x 57 x 38 mm	3" Ø x 2.7" 76 Ø x 69 mm
Weight	3oz/85g	5 oz./142g	6 oz/170 g
Features:	Outdoor Rated	Day/Night Sensor I/O Ports	Indoor Recessed Mounting
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Indoor Fixture
Mounting	#10x32 screw or magnet	Bracket Included	Recessed Mounting

ILLUMINATION RANGE

The illumination distance diagram below shows the approximate range for specified angle options.



MODEL	ANGLE	RANGE		PART NUMBERS
		Distance	HFOV	
Tactical 2TL	120°	22ft/8m	37ft/11m	AT-2TL.2TL19120
Tactical 3TM	140°	30ft/9m	59ft/18m	AT-3TMS.3TMS19140
	60°	41ft/12m	41ft/12m	AT-3TMS.3TMS1960
	30°	70ft/21m	36ft/11m	AT-3TMS.3TMS1930
Tactical 3TLE	140°	30ft/9m (up to 800 sq ft)	140°	AT-3TLE.3TLE139140





LINEAR 36L

LINEAR IR OR WHITE 36L | 36WL

Linear IR Illuminator or White Floodlight

Linear, wide and narrow IR or White Lights. Linear Lights have a 45° x 10° beam pattern or, mounted vertically a 10° x 45° beam pattern. Linear lights feature input output ports for seamless sync with sensors, or other I/O port devices. The light intensity of Linear lights can be controlled using analog dimming.

FEATURES

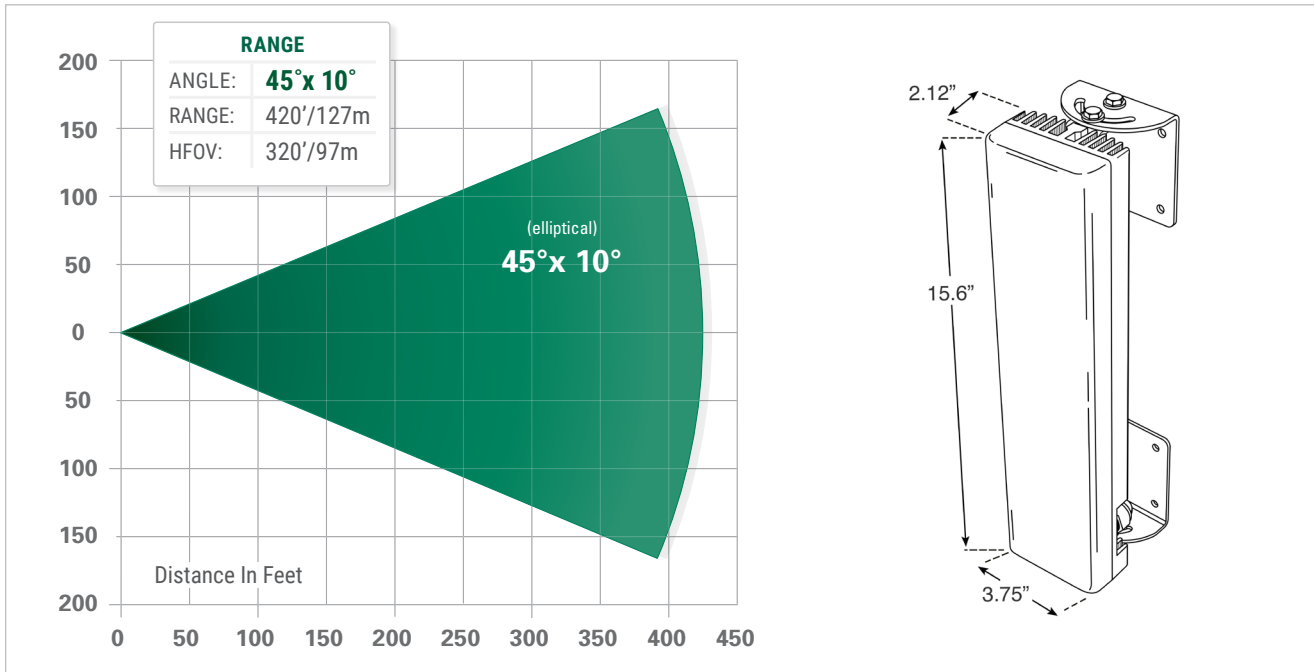
- Infrared or White Light Range 45° x 10° out to 420ft
- Input/Output (I/O) Ports for seamless sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports.
- Automatic Day/Night Sensor - turn light ON/OFF based upon ambient light
- Analog Dimming - Light intensity control via dimming port, external 0-10V required.
- Outdoor IP67 Rated - Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty



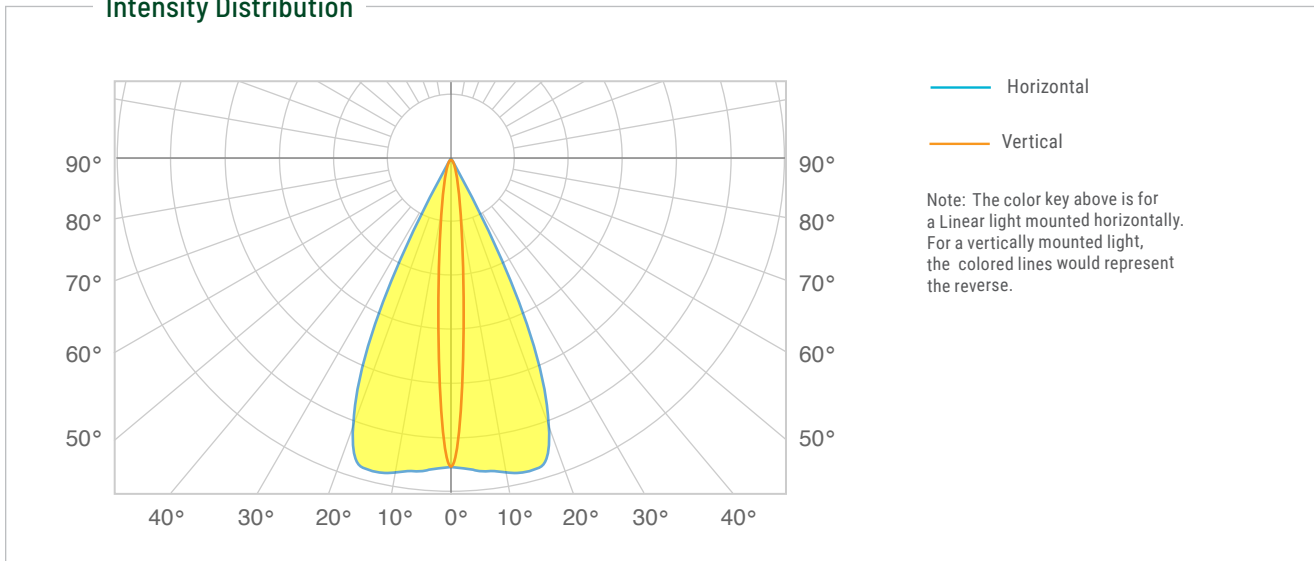
LINEAR 36WL

SPECIFICATIONS	Linear 36L	Linear 36WL
Wavelength	850nm Infrared	White Light Lumens: 6,100 Lm Temp: 5000K
Input Voltage	12 or 24 VDC	
Power Consumption	36 Watts	
Operating Temp.	-58° to 140°F/-50° to 60°C	
Dimensions	15.6" x 3.75" x 2.12"/396 x 95 x 54mm	
Weight	6lb/2.7kg	
Features:	Analog Dimming (external 0-10V required)	
	Day/Night Sensor	
	I/O Ports	
Environmental Rating	Outdoor IP67 Rating	
Mounting	Mounting Brackets Included	

ILLUMINATION RANGE



Intensity Distribution



MODEL	ANGLE	RANGE		Wavelength/PART NUMBERS	
		Distance	HFOV	850nm IR	White Light
Linear 36L	45° x 10°	420ft/127m	320ft/97m	AT-36L-D.36LD184510	N/A
Linear 36WL	45° x 10°	420ft/127m	320ft/97m	N/A	AT-36WL-D.36WLD114510





LINE-SCAN 36LS



LINE-SCAN 72LS

LINE-SCAN IR 36LS | 72LS

1,450nm IR SWIR Illuminator

Line-Scan with 1,450nm short wave IR is designed for use with machine vision cameras. Short Wave Infrared light in the 1,450nm wavelength is ideal for SWIR camera detection of moisture content, and other differences in objects invisible to the human eye.

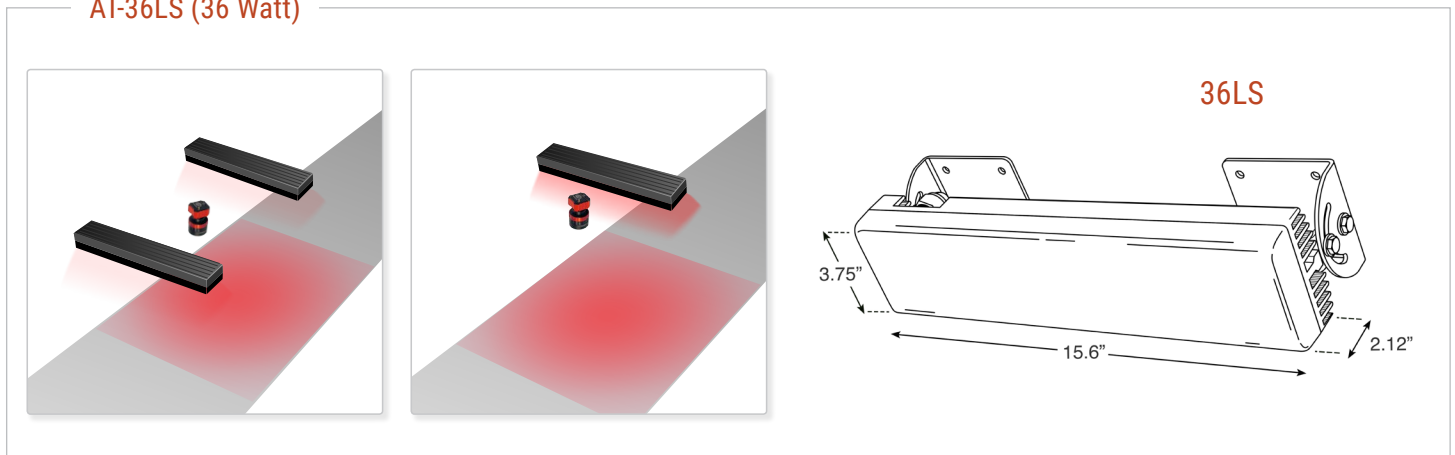
FEATURES

- Short Wave Infrared - 1,450nm IR
- Input/Output (I/O) Port sync with: cameras, alarms, motion detectors, or any other peripheral device with I/O Ports
- Two Angle/Coverage Options - 120° or 50° beam pattern angle
- Analog Dimming - Light intensity control via dimming port, external 0-10V required.
- Adjustable Mounting Brackets Included - Use supplied adjustable brackets, or built in 1/4"-20 mounting threads.
- Outdoor IP67 Rated - Rugged Exterior is Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty

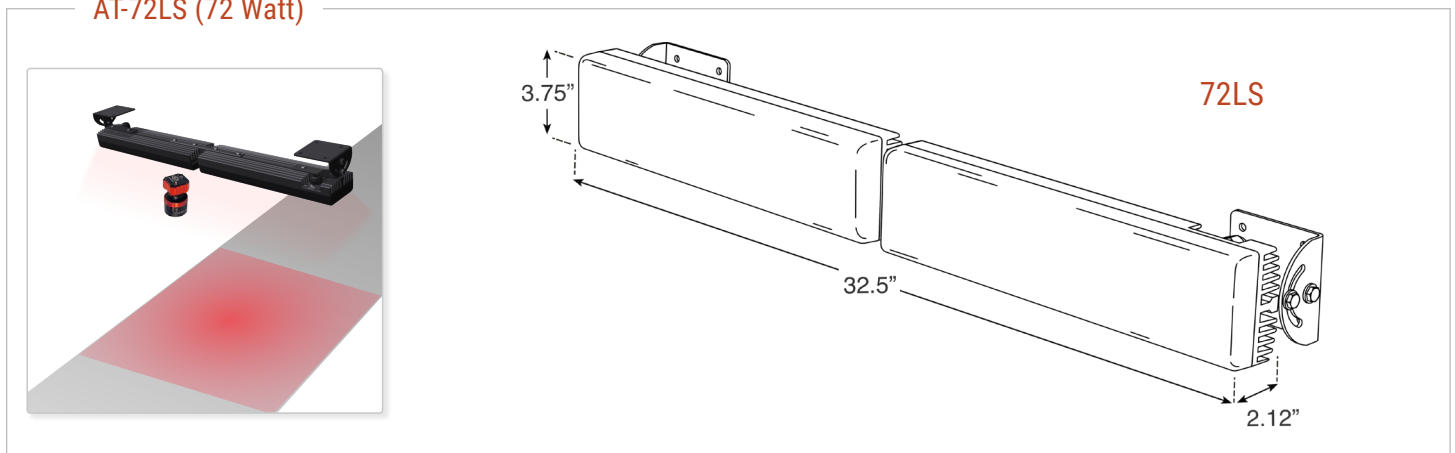
SPECIFICATIONS	Line-Scan 36LS	Line-Scan 72LS
Wavelength	1,450nm IR (Short Wave Infrared)	
Input Voltage	24 VDC	
Power Consumption	36 Watts	72 watts
Operating Temp.	-58° to 140°F/-50° to 60°C	
Dimensions	15.6" x 3.75" x 2.12" 396 x 95 x 54mm	32.5" x 3.75" x 2.12" 825 x 95 x 54mm
Weight	6lb/2.7kg	12lb/5.4 kg
Features:	Analog Dimming (external 0-10V required)	
	I/O Ports	
Environmental Rating	Outdoor IP67 Rating	
Mounting	Mounting Brackets Included or use 1/4"-20 mounting threads	

LINE-SCAN

AT-36LS (36 Watt)



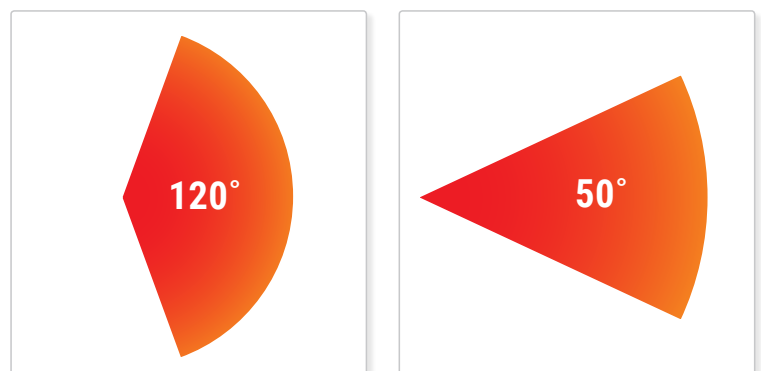
AT-72LS (72 Watt)



PART NUMBERS

MODEL	ANGLE	PART NUMBER
Line-Scan 36LS	120°	AT-36LS-S.36LSS214120
	50°	AT-36LS-S.36LSS21450
Line-Scan 72LS	120°	AT-72LS-S.72LSS214120
	50°	AT-72LS-S.72LSS21450

ANGLE OPTIONS





PULSAR 20R



PULSAR 50R



PULSAR 100R

PULSAR IR OR WHITE 20R | 50R | 100R

Camera Synced Pulsed Lighting

PULSAR camera synced pulsed lighting seamlessly integrates with the camera's shutter via I/O ports (Input/Output ports). Pulsed lighting, delivers up to 10x more light output than standard lighting. Higher light output is required to track fast moving processes such as ANPR/LPR applications, and machine vision.

FEATURES

- Options - IR: 850nm, 940nm - 730nm Deep Red or White Light
- Full Camera Shutter & Pulsed Lighting Sync
- Internal/External Triggering
- Peak Power - 20, 50 or 100 Watts
- Input/Output port camera sync
- Outdoor IP67 Rated - Rugged Exterior is Weather Proof & Vandal Resistant
- Designed and manufactured in the USA, Lifetime Warranty

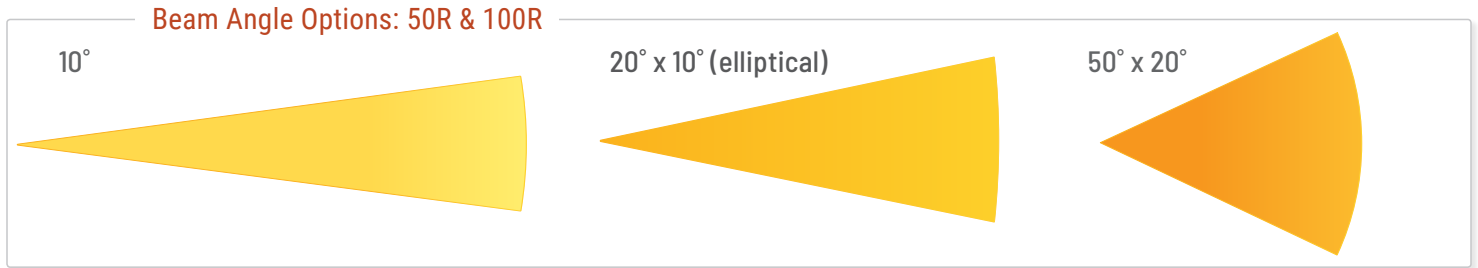
TIPS: Full Camera Shutter & Pulsed Lighting Sync - To sync pulsed lighting with a camera shutter, which controls exposure time, a triggering input from the camera is required. Various applications require different camera exposure times. Input from the camera can fully control the lighting pulse timing and frequency to match camera.

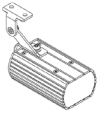
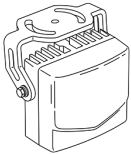
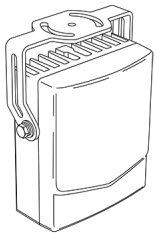
SPECIFICATIONS	Pulsar 20R	Pulsar 50R	Pulsar 100R
Wavelength Options	850nm, 940nm IR	850nm, 940nm, 730nm, White	850nm, 940nm, 730nm, White
Input Voltage	24 to 36 VDC	24 to 36 VDC	24 to 36 VDC
Peak Power	20 Watts	50 Watts	100 Watts
Optical Pulse Duration	(0.1 - 2) ms	(0.1 - 2) ms	(0.1 - 2) ms
Repetition Rate	Single Shot - to 50 Hz	Single Shot - to 50 Hz	Single Shot - to 50 Hz
Triggering Input Range	3.3-24V	3.3-24V	3.3-24V
Features:	I/O Ports	I/O Ports	I/O Ports
Operating Temp.	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C	-58°to140°F/-50° to 60°C
Dimensions	3.5" x 2.25" x 1.5" 89 x 57 x 38 mm	4.25" x 2" x 4.25" 108 x 51 x 108mm	5.25" x 3" x 7.25" 133 x 76 x 184mm
Weight	6 oz/170g	1.25 lbs/.56kg	3 lbs/1.3kg
Environmental Rating	Outdoor IP67 Rating	Outdoor IP67 Rating	Outdoor IP67 Rating
Mounting	Bracket Included	Tilting U Bracket* Included	Tilting U Bracket* Included

*For full Pan/Tilt functionality, select: wall, corner, round pole or square pole [Pan/Tilt mounting adapter](#) (separate).

ILLUMINATION RANGE & ANGLE OPTIONS

The chart below shows the approximate range of Pulsar Series lights for specified angles & wavelengths.



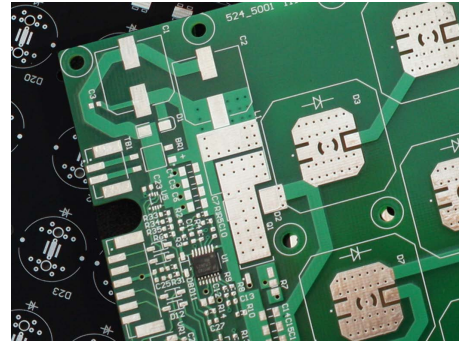
MODEL	ANGLE	Wavelength	RANGE*		PART NUMBERS
			Distance	HFOV	
PULSAR 20R 	50° x 20°	850nm	41ft/12m	34ft/10m	AT-20R.20R185020
		940nm	32ft/10m	27ft/8m	AT-20R.20R195020
PULSAR 50R 	50° x 20°	850nm	68ft/21m	57ft/17m	AT-50R.50R185020
		940nm	52ft/16m	44ft/13m	AT-50R.50R195020
		730nm	65ft/20m	54ft/16m	AT-50R.50R175020
		White	65ft/20m	54ft/16m	AT-50R.50R115020
	20° x 10°	850nm	143ft/43m	50ft/15m	AT-50R.50R182010
		940nm	110ft/33m	38ft/12m	AT-50R.50R192010
		730nm	136ft/41m	47ft/14m	AT-50R.50R172010
		White	136ft/41m	47ft/14m	AT-50R.50R112010
	10°	850nm	177ft/53m	31ft/9m	AT-50R.50R1810
		940nm	135ft/41m	23ft/7m	AT-50R.50R1910
		730nm	169ft/51m	29ft/9m	AT-50R.50R1710
		White	169ft/51m	29ft/9m	AT-50R.50R1110
PULSAR 100R 	50° x 20°	850nm	94ft/28m	79ft/24m	AT-100R.100R185020
		940nm	71ft/21m	60ft/18m	AT-100R.100R195020
		730nm	87ft/26m	74ft/22m	AT-100R.100R175020
		White	87ft/26m	74ft/22m	AT-100R.100R115020
	20° x 10°	850nm	197ft/60m	68ft/21m	AT-100R.100R182010
		940nm	149ft/45m	52ft/16m	AT-100R.100R192010
		730nm	182ft/55m	63ft/19m	AT-100R.100R172010
		White	182ft/55m	63ft/19m	AT-100R.100R112010
	10°	850nm	244ft/74m	42ft/13m	AT-100R.100R1810
		940nm	185ft/56m	32ft/10m	AT-100R.100R1910
		730nm	226ft/68m	39ft/12m	AT-100R.100R1710
		White	226ft/68m	39ft/12m	AT-100R.100R1110

Reflective License Plate Coatings Highly reflective license plate coatings will increase the lights range of illumination up to 3x.



CUSTOM LIGHTING

We have full control over the R&D and Manufacturing process. All Products are designed and manufactured from the ground up in North Salt Lake, UT. Should your application requirements be outside of our standard product line capabilities to the core, we'd be glad to suggest a custom solution for your project. Please do not hesitate to contact us, our technical staff would be glad to discuss your project, support@axtontech.com or tel: (801) 519-0500.






Small changes make a big difference!

We understand that there are no two projects alike. We would be happy to make minor adjustments, and fine-tune our off-the-shelf units to suit specific applications. For example: we can remove unwanted features to reduce cost, reconfigure the required input power, shorten or extend cable length. These modifications are made on-the-fly, and will not affect the delivery time. Please feel-free to share your requests with us. Additional Information: [Custom Lighting](#)

MOUNTING






PAN/TILT MOUNTS - Fits Single Light with U-bracket* (11W, 25W or 56 Watt)

			
AT-8069-W	AT-8069-P	AT-8069-C	AT-8069-S
Pan/Tilt Wall Mount <i>Fits included U-bracket</i>	Pan/Tilt Corner Mount <i>Fits included U-bracket</i>	Pan/Tilt Round Pole Mount <i>Fits included U-bracket</i>	Pan/Tilt Square Pole Mount <i>Fits included U-bracket</i>



* U-bracket included with all single 11W, 25W or 56W lights (AT-11*, AT-25*, AT-56*).

MOUNTING ADAPTERS - Fits Pan/Tilt Mounting Systems (Panoramic & multi light units)

				
AT-8062-W	AT-8062-C	AT-8062-P	AT-8062-S	AT-8062
Wall or Corner Mount <i>Fits multiple light units</i>	Corner Mount <i>Fits multiple light units</i>	Round Pole Mount <i>Fits multiple light units</i>	Square Pole Mount <i>Fits multiple light units</i>	Single Unit Adapter <i>Converts Multi Mounting adapter into Pan/Tilt Mount</i>

L-BRACKET & ACCESSORIES






		
AT-8052	AT-VISOR-25	AT-VISOR-56
L Bracket <i>Free to swap with U-bracket</i>	AT-25** Light Visor	AT-56** Light Visor



Light Visor for AT-25** & AT-56**

The Light Visor for AT-25 (25W) and AT-56 (56W) units, attaches to the illuminator along with the standard U-bracket. The visor is designed to reduce the light coming from the top of the light/illuminator. When used with white light illuminators the visor reduces light pollution in urban areas and/or focuses light intensity in a horizontal rather than vertical direction.

POWER SUPPLIES

	AT-8021	AT-8022	AT-8024	AT-8026	AT-8029	
						
Watts	25 Watts	50 Watts	100 Watts	150 Watts	230 Watts	
Input	88-264 VAC 47-63 Hz	88-264 VAC 47-63 Hz	88-264 VAC 47-63 Hz	88-264 VAC 47-63 Hz	88-264 VAC 47-63 Hz	
Output	24VDC	24VDC	24VDC	24VDC	24VDC	
Operating Temp.	-13°F to 158°F -25°C to 70°C	-13°F to 158°F -25°C to 70°C	-13°F to 158°F -25°C to 70°C	-13°F to 158°F -25°C to 70°C	-13°F to 158°F -25°C to 70°C	
Environ. Rating	IP 68/NEMA 4X	IP 68/NEMA 4X	IP 68/NEMA 4X	IP 68/NEMA 4X	IP 68/NEMA 4X	
Dimensions	4.95" x 3.17" x 1.7" 126x81x43mm	5.84" x 4.25" x 2.6" 148x108x66mm	8.75" x 5.75" x 3.25" 222x146x83mm	8.75" x 5.75" x 3.25" 222x146x83mm	8.75" x 5.75" x 3.25" 222x146x83mm	
Features	<ul style="list-style-type: none"> Overload/overvoltage protection Rugged die cast aluminum enclosure 	<ul style="list-style-type: none"> Overload/overvoltage protection Single or dual outputs Rugged die cast aluminum enclosure 	<ul style="list-style-type: none"> Overload/overvoltage protection Single, dual or triple outputs Rugged die cast aluminum enclosure 	<ul style="list-style-type: none"> Overload/overvoltage protection Single, dual or triple outputs Rugged die cast aluminum enclosure 	<ul style="list-style-type: none"> Overload/overvoltage protection Single, dual or triple outputs Rugged die cast aluminum enclosure 	
Part No.	Single Output	AT-8021	AT-8022	AT-8024	AT-8026	AT-8029
	Dual Output	-	AT-8022-2	AT-8024-2	AT-8026-2	AT-8029-2
	Triple Output	-	-	AT-8024-3	AT-8026-3	AT-8029-3

MOBOTIX BRACKETS

Easily Mount AXTON Illuminators to Mobotix M15/M16 & M25/M26 Cameras

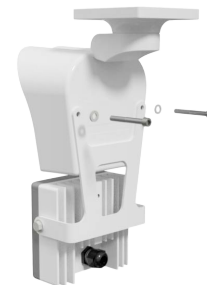


M15/16



M25/26

	Mobotix M15/M16 Bracket	Mobotix M25/M26 Bracket
For Large Illuminator (5.25" x 3" x 7.25")	p/n: AT-M15L	p/n: AT-M25L
For Medium Illuminator (6.25" x 3.5" x 9.25")	p/n: AT-M15M	p/n: AT-M25M
For Small Illuminator (4.25" x 2" x 4.25")	p/n: AT-M15S	p/n: AT-M25S



Use provided hardware to easily install illuminator and bracket directly to camera.

Free to swap with U bracket





AXTON is a manufacturer of professional quality Infrared and White light illuminators. We put a strong emphasis on incorporating cutting edge technologies into our products with full control over R&D and production. AXTON collaborates with industry leaders and small-scale integrators to provide dedicated solutions for every application.



Lifetime Warranty
with Advanced Replacement



Made in the USA
Designed and manufactured in the USA



ISO 9001:2015