

AREA LIGHT-R3

SPEC SHEET



ALR3



The YYZ Area Light R3 combines sleek, modern aesthetics with high-performance functionality. This low-profile LED area light boasts an impressive efficiency of up to 150 lm/W, making it suitable for any environment. Its slimline design is complemented by one of the highest lumen outputs available on the market today.

Versatile in use, the YYZ Area Light R3 can function as both a floodlight and an area light. It offers a variety of mounting options and features advanced surge protection, photocell capabilities, and occupancy sensors. Equipped with cutting-edge LEDs, this fixture is engineered to excel.

Designed for durability, the uniform PC lens is easy to maintain and replace, while integrated cooling fins ensure excellent thermal dissipation, contributing to an exceptionally long lifespan. With an IP66 rating, the R3 operates seamlessly in temperatures ranging from -40 to 55 degrees Celsius (-40 to 131 degrees Fahrenheit). Plus, standard 0-10V dimming allows for enhanced control and energy efficiency.

SPECIFICATION

AVAILABLE POWER	100W Selectable (50W / 75W / 100W) 200W Selectable (100W / 150W / 200W) 240W Selectable (150W / 200W / 240W)
INGRESS PROTECTION	IP66
LUMEN MAINTENANCE	@L70: >100,000 hours
LED ENGINE	Philips Lumileds 3030
LED DRIVER	Sosen
CRI	>70
POWER FACTOR	>0.95
CCT	Selectable (3000K / 4000K / 5000K) (100W and 200W only) 3000K / 4000K / 5000K (240W)
STANDARD SURGE PROTECTION	6kV
AMBIENT TEMPERATURE	-40°C to 55°C/ -40°F to 131°F
AVAILABLE VOLTAGES	100 - 347 V AC
STANDARD FINISH	RAL8019 Dark Bronze
STANDARD CORD LENGTH	1 m / 3 ft
ACCESSORIES	Photocell On/Off (Zhaga Base) 20KV SPD Microwave Occupancy Sensor Occupancy Sensor Microwave Bluetooth Sensor PIR Bluetooth Sensor Remote Control

CERTIFICATIONS AND WARRANTY

CE, UL, DLC LISTED	6 years warranty
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V 100 - 347 V AC (UNV)
Operating Voltage

W 100W Selectable (50W / 75W / 100W)
200W Selectable (100W / 150W / 200W)
240W Selectable (150W / 200W / 240W)
Available Power

Power	NEMA Types	BUG Rating
50W	T3	B2-U0-G2
75W	T3	B3-U0-G3
100W	T3	B3-U0-G3
150W	T3	B3-U0-G3
200W	T3	B4-U0-G4
240W	T3	B5-U0-G4
50W	T4	B2-U0-G2
75W	T4	B3-U0-G2
100W	T4	B3-U0-G3
150W	T4	B3-U0-G3
200W	T4	B4-U0-G3
240W	T4	B4-U0-G4
50W	T5	B3-U0-G3
75W	T5	B3-U0-G3
100W	T5	B4-U0-G4
150W	T5	B4-U0-G4
200W	T5	B4-U0-G4
240W	T5	B5-U0-G3

AREA LIGHT-R3 SPEC SHEET

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PRODUCT INFORMATION (100W - Selectable)

INSTALLATION	Pole Arm, Slip Fitter or Trunnion
MATERIAL	Die-cast aluminum
FINISH	Powder coat / RAL8019 (Dark Bronze)
SYSTEM POWER	50W / 75W / 100W
FIXTURE LUMEN OUTPUT	7,500 lm / 11,250 lm / 15,000 lm
SYSTEM EFFICIENCY	150 lm/W

SHIPPING INFORMATION (100W)

NET WEIGHT / LAMP	4.40 kg / 9.70 lb
GROSS WEIGHT / CARTON	13.9 kg / 30.64 lb
MASTER CARTON DIMENSIONS	365 x 350 x 450 mm / 14.37 x 13.78 x 17.72 in
QUANTITY PER CARTON	3

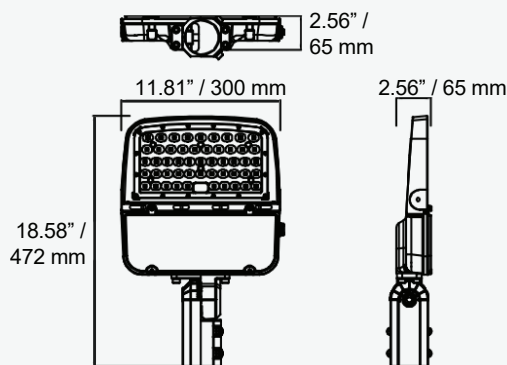
ORDERING CODE

PRODUCT SERIES	MODEL	WATTAGE SELECTABLE	CRI	CCT SELECTABLE	DIMMING	VOLTAGE	FINISH	MOUNTING	NEMA TYPE	ACCESSORIES
ALR3	M1 - Model 1	100 - 100W (50W/75W/100W)	70	CT30 3000K CT40 4000K CT50 5000K	DIM10 - 0-10V	UNV - 100-347V	DB - Dark Bronze (Standard) BK - Black WH - White	AR - Pole Arm WAR - Wall Mount Arm SF - Slip Fitter TRN - Trunnion	3 - Type 3 4 - Type 4 5 - Type 5	NA - No Accessories PC - Photocell SPD20 - 20KV SPD OS - Microwave Occupancy Sensor PIR - Occupancy Sensor OSBT2 - Microwave Bluetooth Sensor PIRBT2 - PIR Bluetooth Sensor RC - Remote Control

Sample: ALR3-M1-100-70-CT30-DIM10-UNV-DB-AR-3-NA

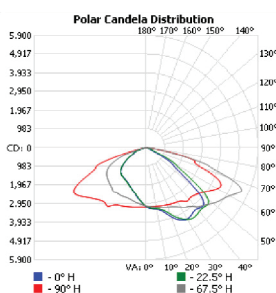


DIMENSIONS

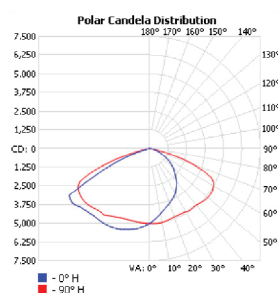


PHOTOMETRIC DATA

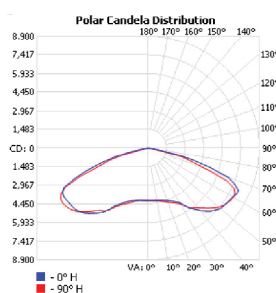
100W-T3-5000K-CRI70



75W-T4-5000K-CRI70



50W-T5-5000K-CRI70



AREA LIGHT-R3 SPEC SHEET

ALR3



PRODUCT INFORMATION (200W - Selectable)

INSTALLATION	Pole Arm, Slip Fitter or Trunnion
MATERIAL	Die-cast aluminum
FINISH	Powder coat / RAL8019 (Dark Bronze)
SYSTEM POWER	100W / 150W / 200W
FIXTURE LUMEN OUTPUT	15,000 lm / 22,500 lm / 30,000 lm
SYSTEM EFFICIENCY	150 lm/W

SHIPPING INFORMATION (200W)

NET WEIGHT / LAMP	5.43 kg / 11.97 lb
GROSS WEIGHT / CARTON	17.30 kg / 38.14 lb
MASTER CARTON DIMENSIONS	595 x 460 x 450 mm / 23.43 x 18.11 x 17.72 in
QUANTITY PER CARTON	3

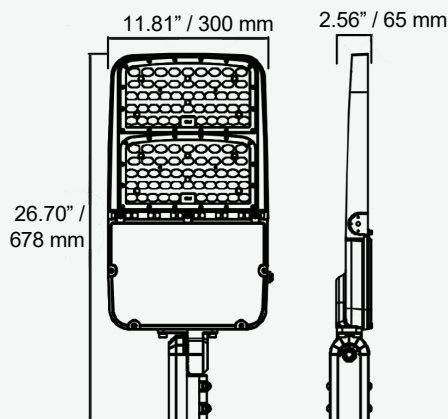


ORDERING CODE

PRODUCT SERIES	MODEL	WATTAGE SELECTABLE	CRI	CCT SELECTABLE	DIMMING	VOLTAGE	FINISH	MOUNTING	NEMA TYPE	ACCESSORIES
ALR3	M2 - Model 2	200 - 200W (100W/150W/200W)	70	CT30 3000K CT40 4000K CT50 5000K	DIM10 - 0-10V	UNV - 100-347V	DB - Dark Bronze (Standard) BK - Black WH - White	AR - Pole Arm WAR - Wall Mount Arm SF - Slip Fitter TRN - Trunnion	3 - Type 3 4 - Type 4 5 - Type 5	NA - No Accessories PC - Photocell SPD20 - 20KV SPD OS - Microwave Occupancy Sensor PIR - Occupancy Sensor OSBT2 - Microwave Bluetooth Sensor PIRBT2 - PIR Bluetooth Sensor RC - Remote Control

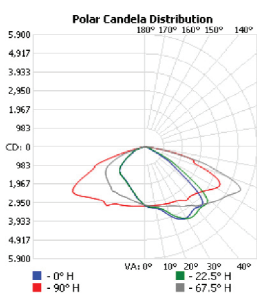
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DIMENSIONS

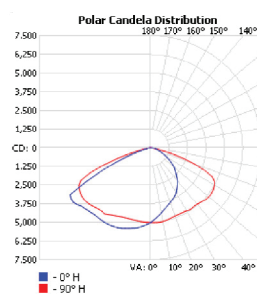


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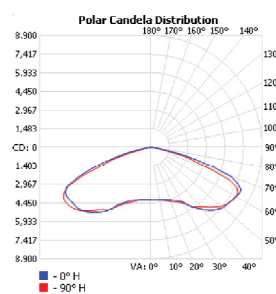
100W-T3-5000K-CRI70



150W-T4-5000K-CRI70



200W-T5-5000K-CRI70



AREA LIGHT-R3 SPEC SHEET

ALR3



PRODUCT INFORMATION (240W - Selectable)

INSTALLATION	Pole Arm, Slip Fitter or Trunnion
MATERIAL	Die-cast aluminum
FINISH	Powder coat / RAL8019 (Dark Bronze)
SYSTEM POWER	150W / 200W / 240W
FIXTURE LUMEN OUTPUT	22,500 lm / 30,000 lm / 36,000 lm
SYSTEM EFFICIENCY	150 lm/W

SHIPPING INFORMATION (240W)

NET WEIGHT / LAMP	5 kg / 11.02 lb
GROSS WEIGHT / CARTON	15.90 kg / 35.05 lb
MASTER CARTON DIMENSIONS	430 x 350 x 500 mm / 16.93 x 13.78 x 19.69 in
QUANTITY PER CARTON	3

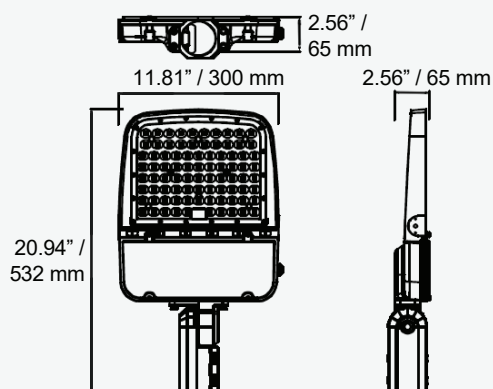
ORDERING CODE

PRODUCT SERIES	MODEL	WATTAGE SELECTABLE	CRI	CCT	DIMMING	VOLTAGE	FINISH	MOUNTING	NEMA TYPE	ACCESSORIES
ALR3	M3 - Model 3	240 - 240W (150W/200W/240W)	70	CT30 3000K CT40 4000K CT50 5000K	DIM10 - 0-10V	UNV - 100-347V	DB - Dark Bronze (Standard) BK - Black WH - White	AR - Pole Arm WAR - Wall Mount Arm SF - Slip Fitter TRN - Trunnion	3 - Type 3 4 - Type 4 5 - Type 5	NA - No Accessories PC - Photocell SPD20 - 20KV SPD OS - Microwave Occupancy Sensor PIR - Occupancy Sensor OSBT2 - Microwave Bluetooth Sensor PIRBT2 - PIR Bluetooth Sensor RC - Remote Control

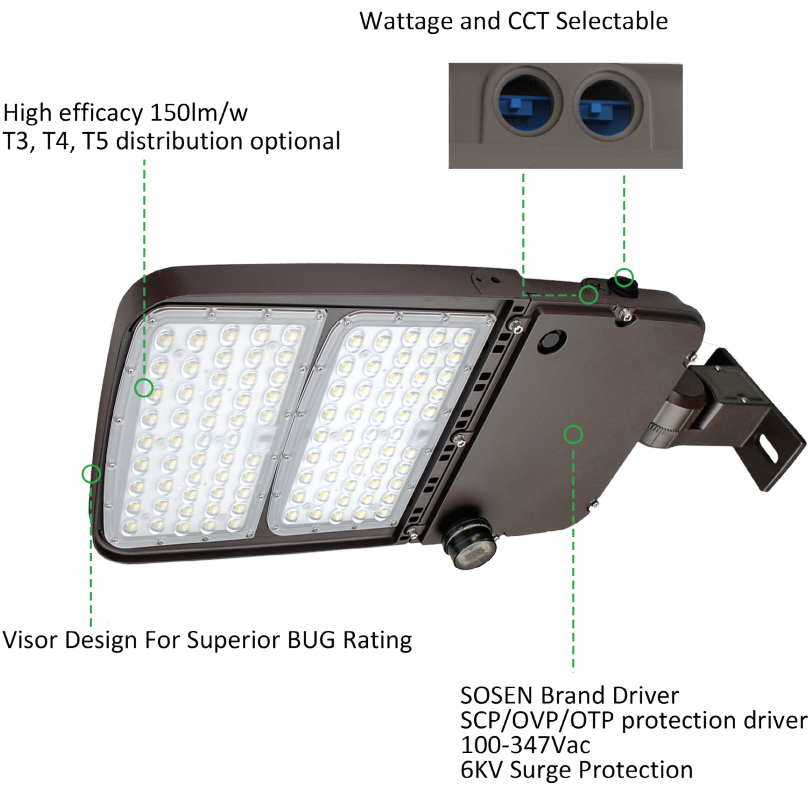
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DIMENSIONS

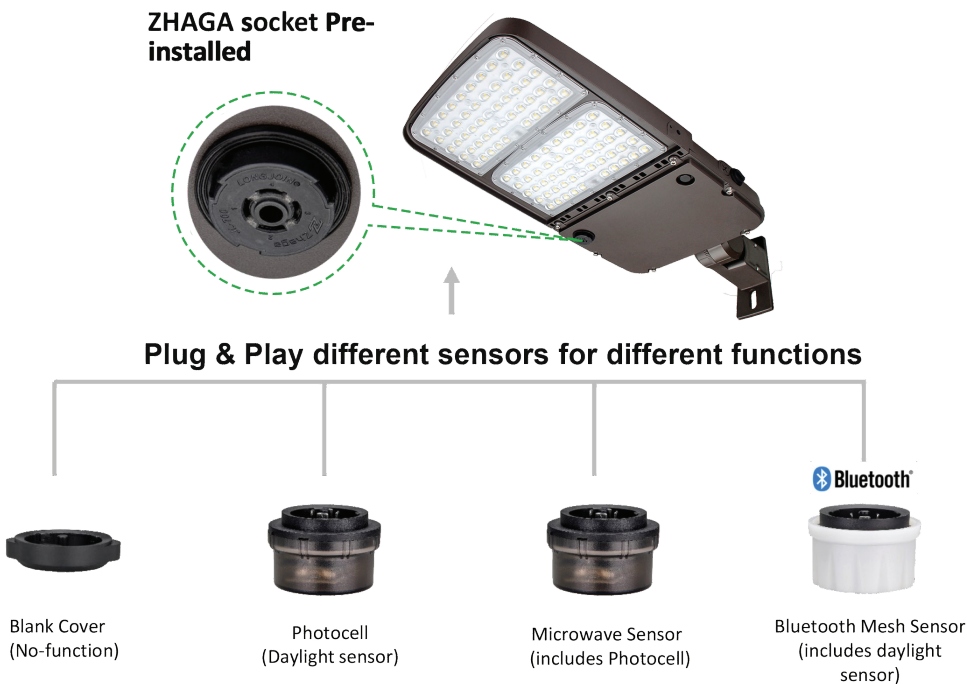


FIXTURE DETAIL



FUNCTION OPTIONS

ZHAGA Socket (DC12V) for both Photocell and Occupany Sensor



MOUNTING OPTIONS AND INSTALLATION



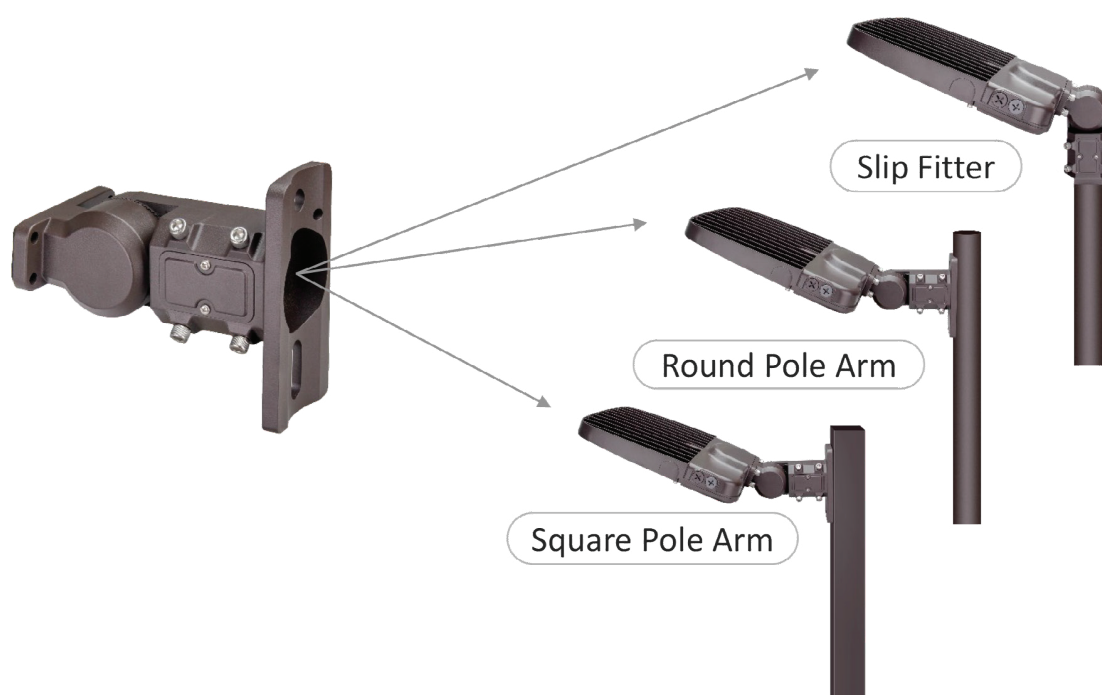
Pole Arm



Slip Fitter

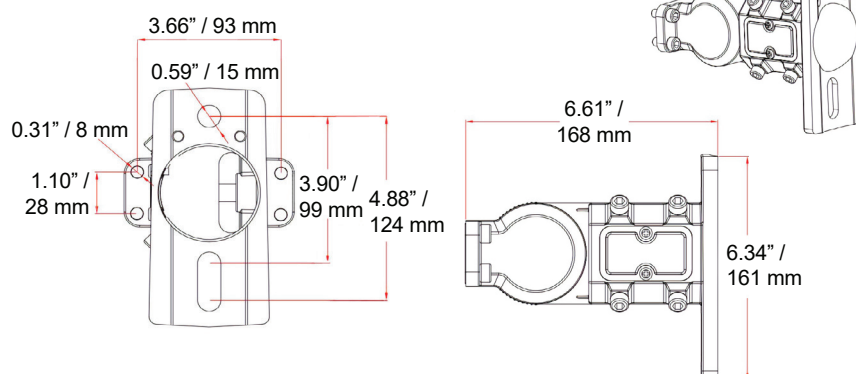


Trunnion

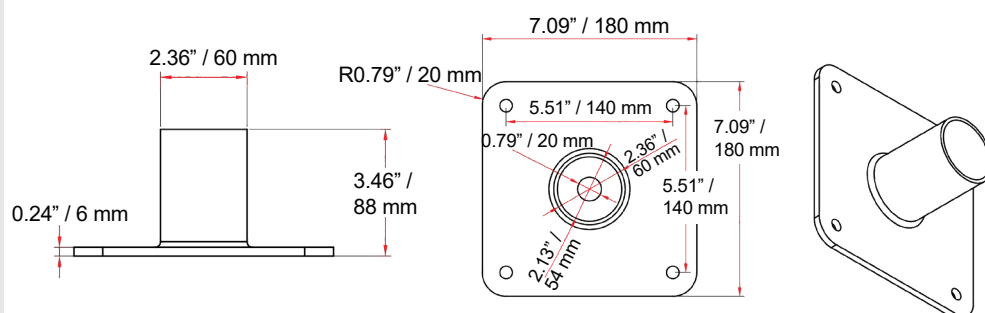
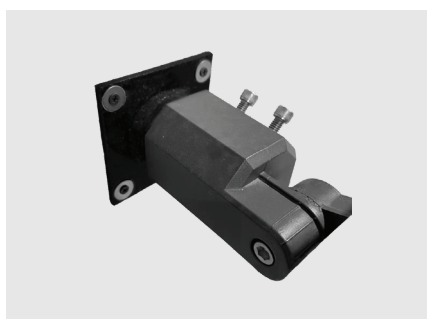


MOUNTING DIMENSIONS

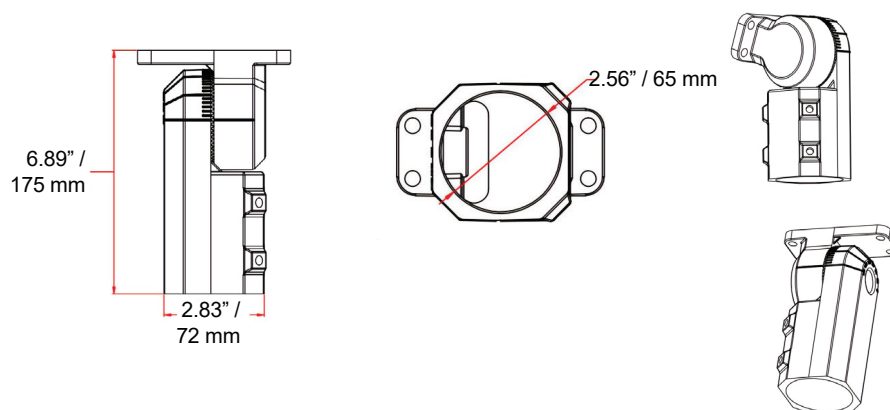
Pole Arm



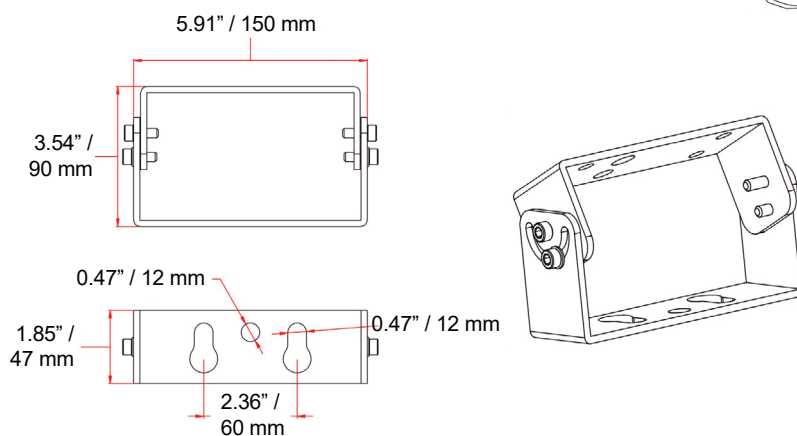
Wall Mount Arm



Slip Fitter



Trunnion



AREA LIGHT-R2 SPEC SHEET

ALR2

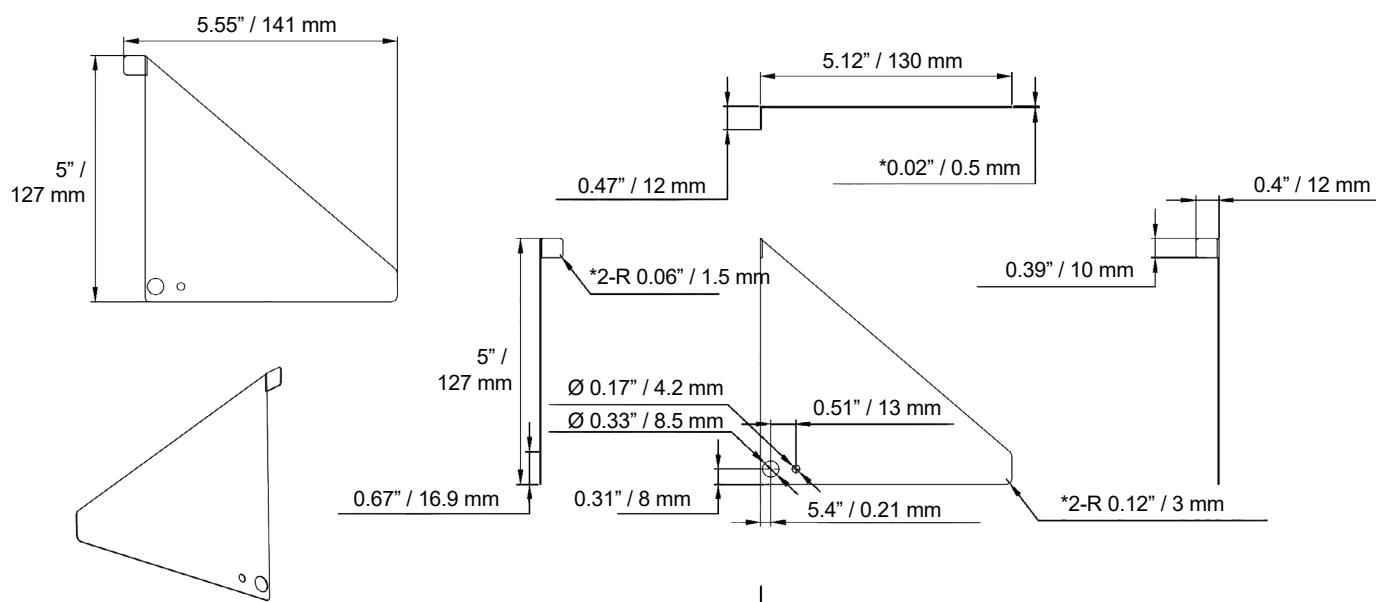


LEFT / RIGHT SHIELDS 100W

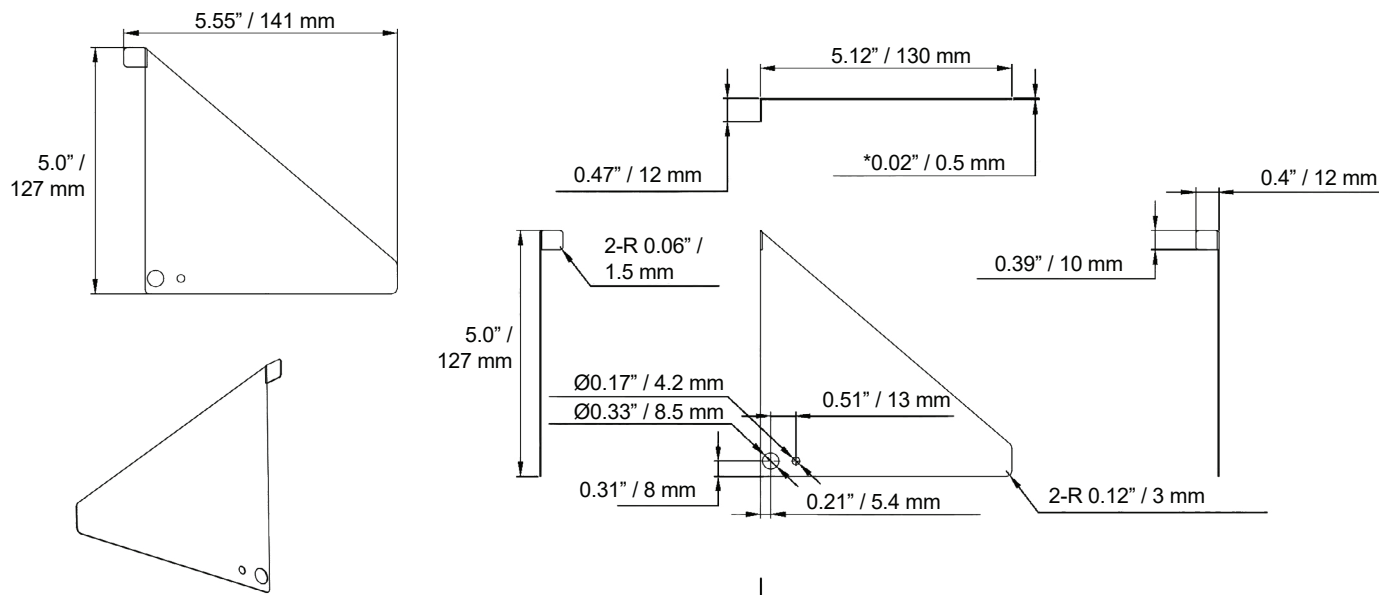
100W



Left Shield

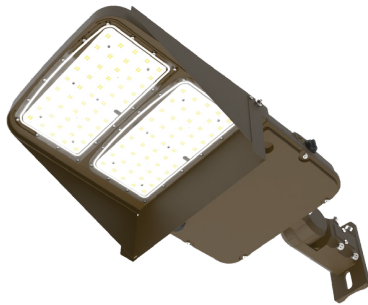


Right Shield

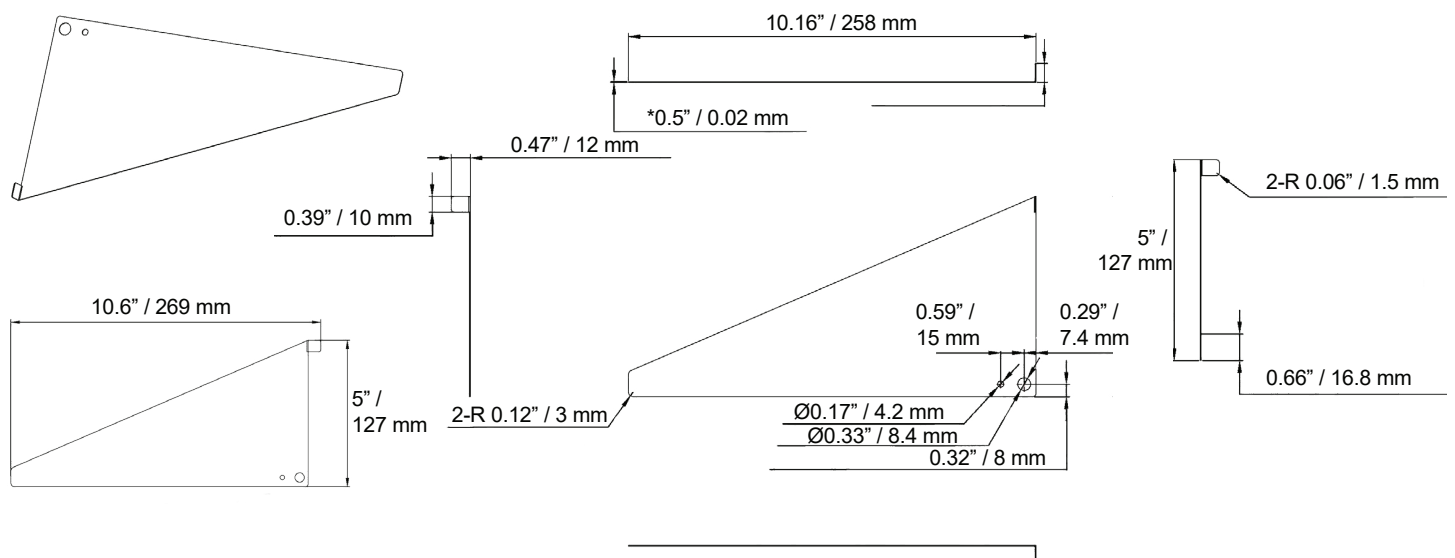


LEFT / RIGHT SHIELDS 200W

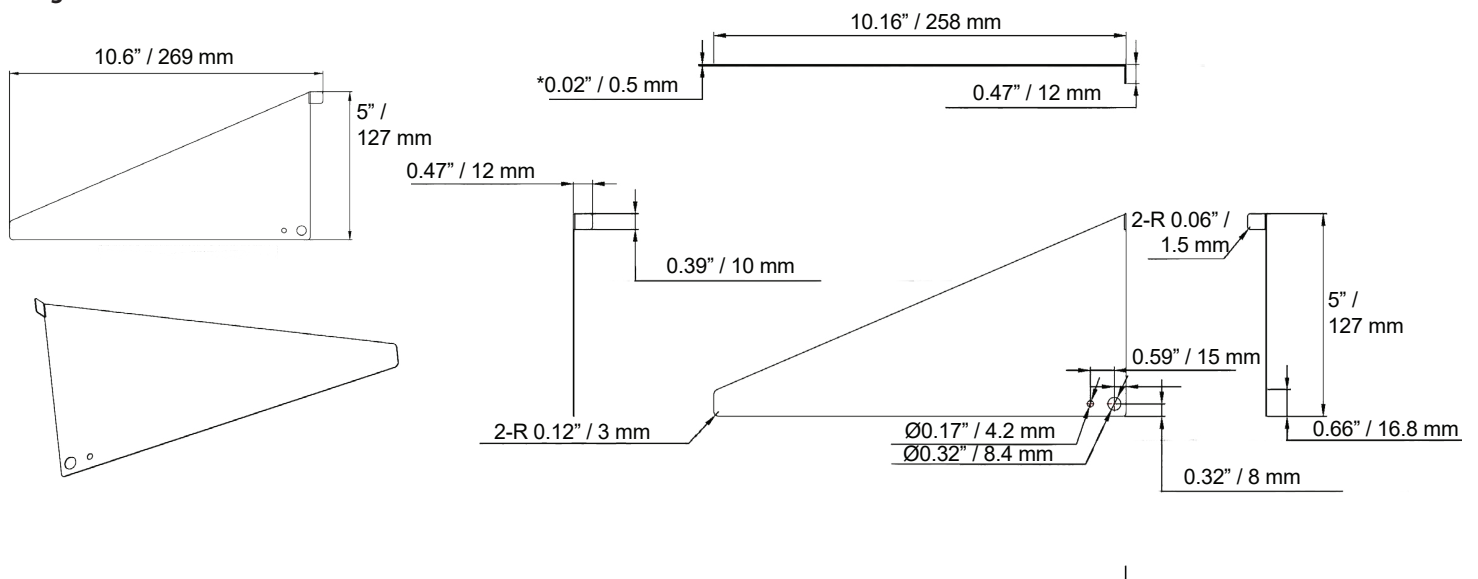
200W



Left Shield

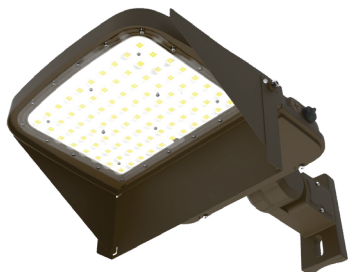


Right Shield

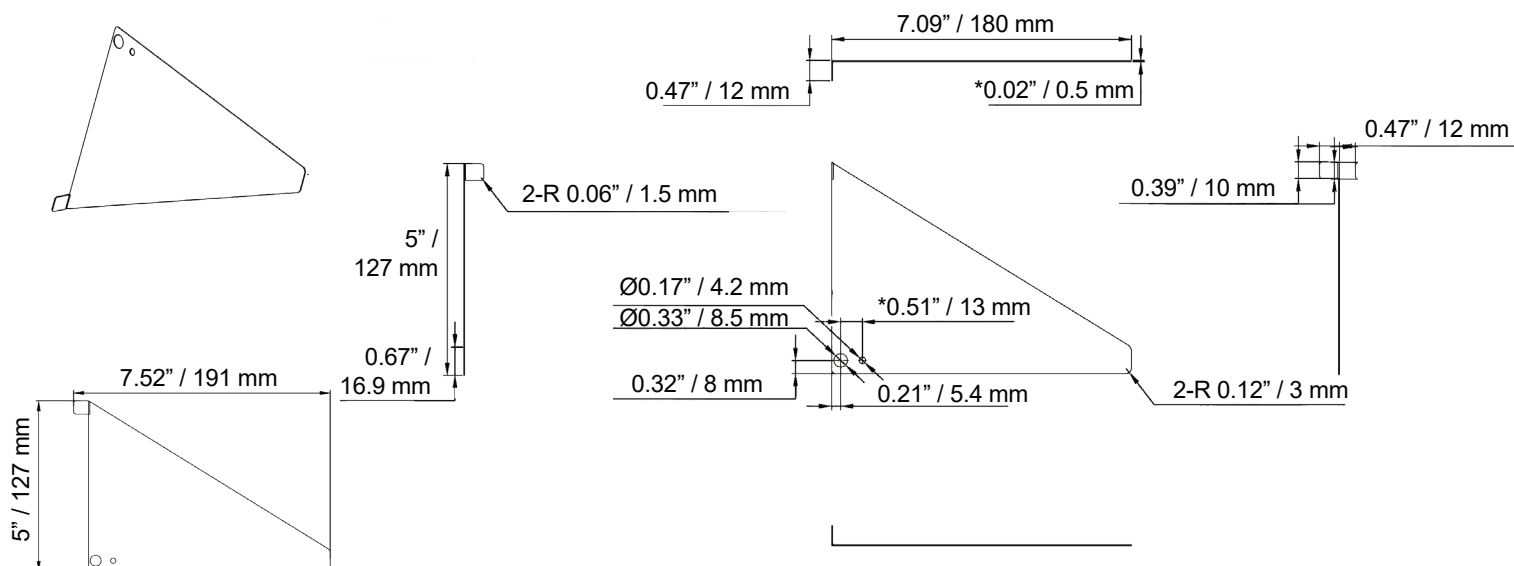


LEFT / RIGHT SHIELDS 240W

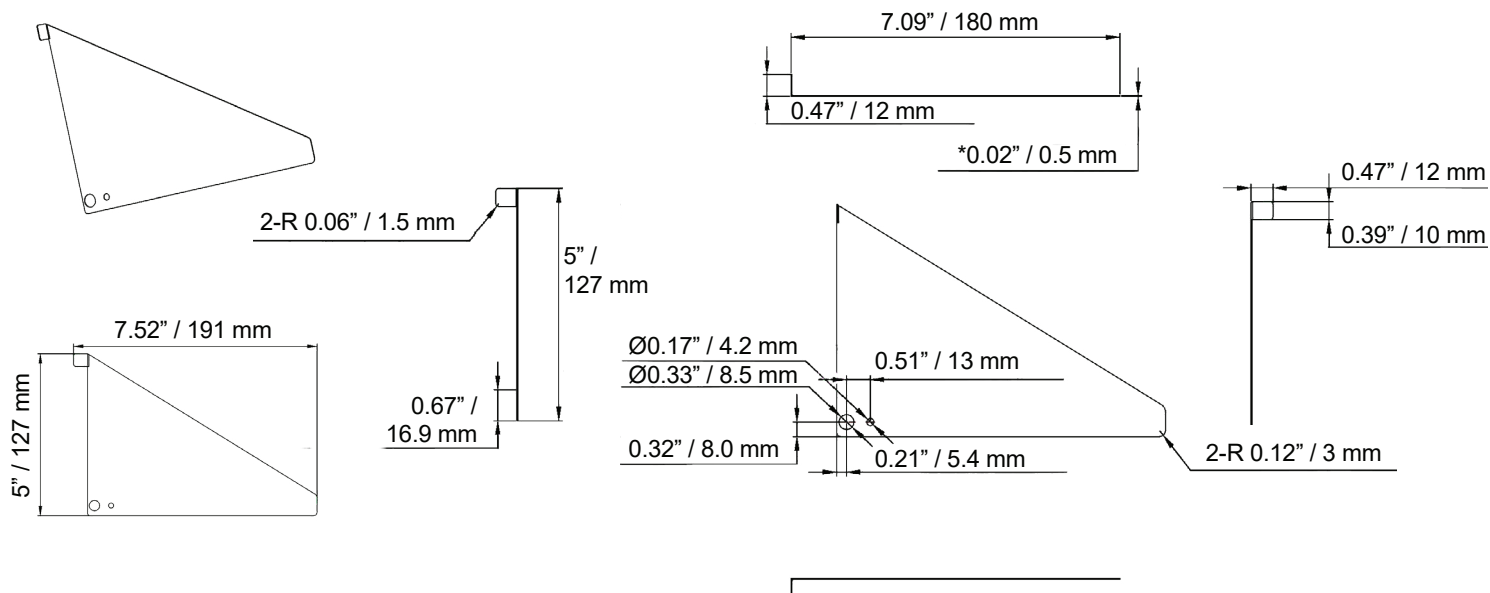
240W



Left Shield

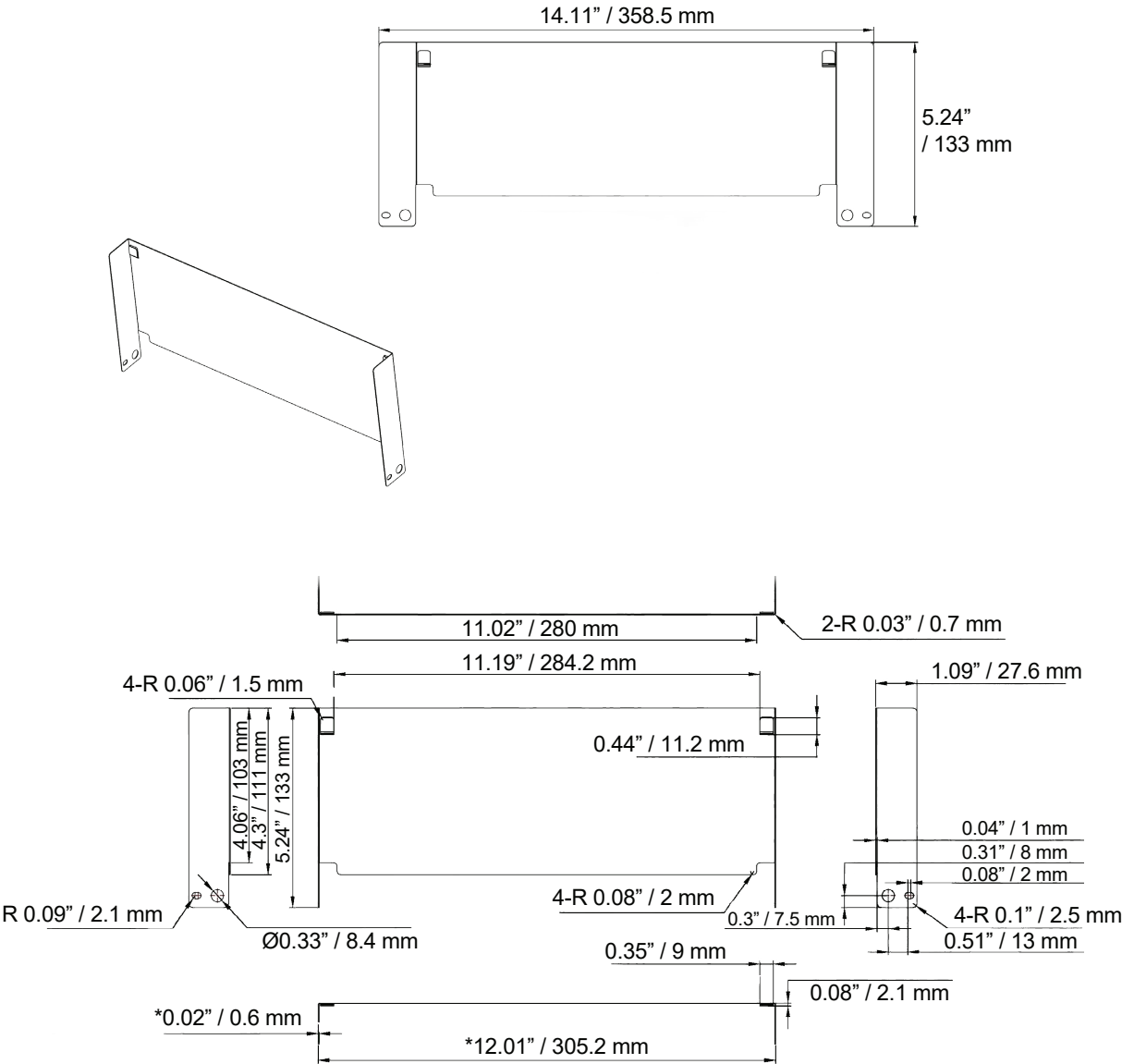


Right Shield



BACK SHIELDS

100W / 200W / 240W



EPA

Effective Projected Area (EPA = SCx)

Unit: m²

Tilt Angle	0°	10°	20°	30°	40°	50°	60°	70°	80°	90°
Model										
100W	0.019	0.025	0.039	0.052	0.064	0.073	0.081	0.086	0.089	0.091
200W	0.019	0.028	0.045	0.061	0.075	0.087	0.096	0.103	0.106	0.108