

Features & Benefits

Precision Die-Cast Aluminum Housing with Stainless Steel Fasteners

UV Resistant Polycarbonate Optical Lens

Suitable for Mounting Heights Ranging From 26-40'; Ambients from -40° F to 113° F

Round Pole, Square Pole, Slipfitter or Wall Mount Included

Optics can Conform to Dark Sky Requirements

Available in Type 3, Type 4, and Type 5 Light Distributions

Remote PIR Sensor, Photocell, Backlight Accessories

Mounting Adapters for all Applications

UL for Wet Location, IP66 rated

Estimated 100,000-hour LED lifespan based on IES LM-80 and TM-21 Calculations

5-year limited warranty



Photocontrol

Optional photocontrol allows for further energy saving.

Housing

Features a compact, one-piece die cast housing, saving costs versus models that are extruded or cast and require additional parts.

The heat sink is included in the actual casting, further minimizing the need for additional parts.

LED Light Engine

IP66 rated LED light engine eliminates the need for a glass lens for maximum light output.

Use of latest generation LED chips results in higher quality, greater efficacy and lower costs.

Standard Arm Mount

The design features an integral arm, increasing strength and simplifying installation.

PIR Sensor

Optional PIR sensor allows for security and energy savings.



Technical Parameters

Power	Light Output	Input	Operating Temperature	Efficacy
70W-300W	9,000 lm -41,500 lm	120-277V, 347/480V	-40°F- 113°F	Up to 137 lm/W

Color Temperature	CRI	Certifications	Photocell	Motion Sensor
4000K, 5000K	70 CRI	UL, DLC Premium	Twist Lock	Bi-Level PIR Sensor

Driver	Surge Protection	Light Distribution	Finish	
1-10V Dimming	10K	Types 3, 4, 5	DB, W, B, SG	

Note: 0-10V Dimming Driver Available Upon Request

Performance Data

5000K			
LED Watts	Dist. Type	Lumens	LPW
70W	3	9,000 lm	129 lm/W
	5	9,500 lm	136 lm/W
105W	3	13,400 lm	128 lm/W
	5	13,400 lm	128 lm/W
150W	3	19,700 lm	131 lm/W
	4	18,800 lm	125 lm/W
	5	20,000 lm	133 lm/W
200W	3	26,200 lm	131 lm/W
	4	25,000 lm	125 lm/W
	5	26,660 lm	133 lm/W
250W	3	32,500 lm	130 lm/W
	4	30,500 lm	122 lm/W
	5	34,000 lm	136 lm/W
300W	3	39,000 lm	130 lm/W
	4	37,000 lm	123 lm/W
	5	41,500 lm	138 lm/W

4000K			
LED Watts	Dist. Type	Lumens	LPW
70W	3	9,000 lm	129 lm/W
	5	9,500 lm	136 lm/W
105W	3	13,400 lm	128 lm/W
	5	13,400 lm	128 lm/W
150W	3	19,500 lm	130 lm/W
	4	18,800 lm	125 lm/W
	5	20,000 lm	133 lm/W
200W	3	26,000 lm	130 lm/W
	4	25,500 lm	128 lm/W
	5	26,600 lm	133 lm/W
250W	3	32,000 lm	128 lm/W
	4	30,000 lm	120 lm/W
	5	33,500 lm	134 lm/W
300W	3	38,000 lm	127 lm/W
	4	36,000 lm	120 lm/W
	5	41,000 lm	137 lm/W

Ordering Information *Example: ALG-150W-50K-PM-T3*

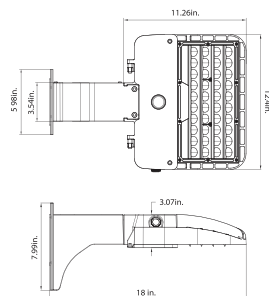
(Optional)

Model	Wattage	Voltage	CCT	Finish	Mounting	Distribution	Controls
ALG Area Light ALG Series	70W 105W 150W 200W 250W 300W	Blank 120-277V HV 347/480V	40K 4000K 50K 5000K	Blank Dark Bronze W White B Black SG Silver Gray	PM Pole Mount SP Slipfitter WM Wall Mount	T3 Type 3 T4 Type 4 T5 Type 5	P Photocell M Motion Sensor PM Photocell + Motion Sensor

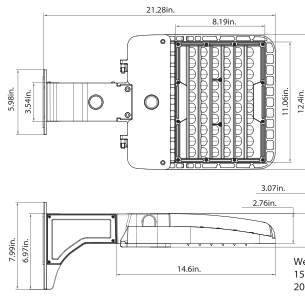
Note:

1. 70W, 105W = Type 3 and Type 5 only
2. Pole Mount Includes Square & Round Pole Adapter
3. Mounting Adapters Sold Separately

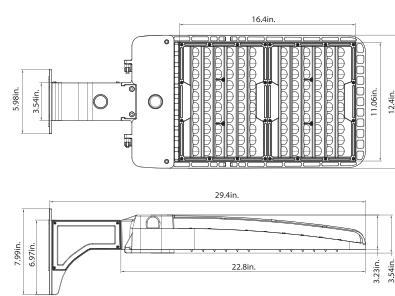
Product Dimensions



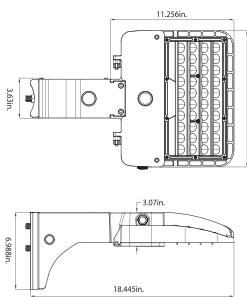
Weight
70W:13.45lb
105W:13.84lb



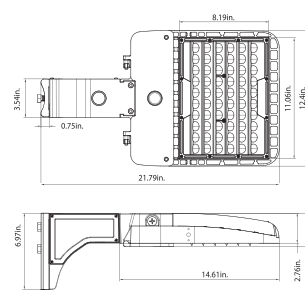
Weight
150W:18.12lb
200W:19.02lb



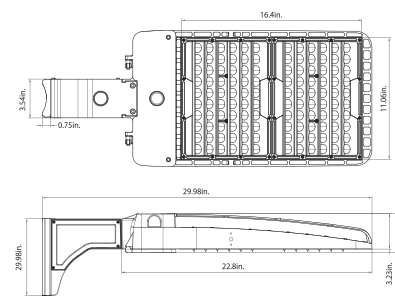
Weight
250W:28.63lb
300W:29.36lb



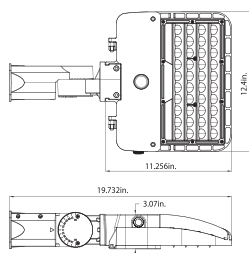
Weight
70W:11.8lb
105W:11.98lb



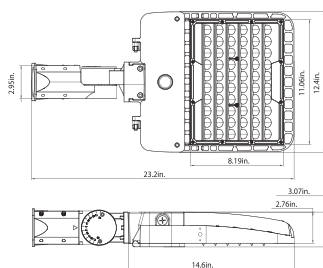
Weight
150W:16.47lb
200W:17.38lb



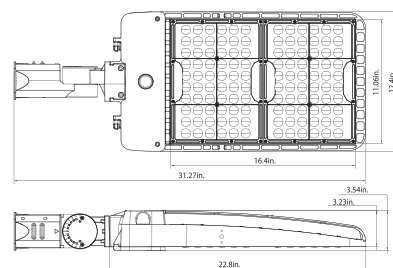
Weight
250W:26.99lb
300W:27.72lb



Weight
70W:11lb
105W:11.40lb



Weight
150W:15.70lb
200W:16.60lb



Weight
250W:26.26lb
300W:26.96lb

Mounting

Mounting Options



Arm Mount 4" and 5" Square and Round Poles

Standard versatile mounting arm is simple to install and can be used with existing poles for retrofit installations.



Slipfitter Mount

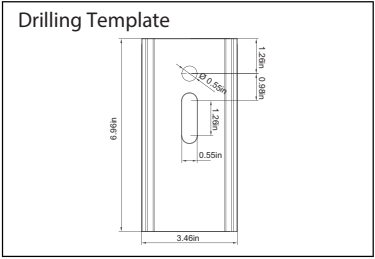
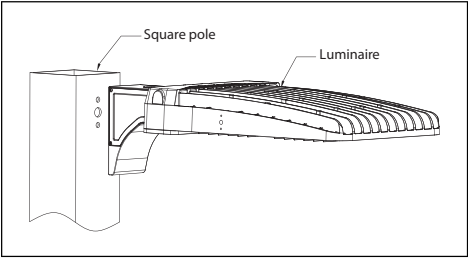
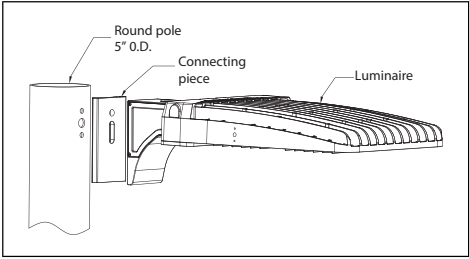
An optional cast aluminum mast arm adapter secures fixture head to nominal 2"(2-3/8" O.D. pipe size) horizontal steel tenon arm.



Wall Mount

Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting

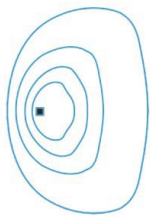
Mounting Dimensions



Photometrics

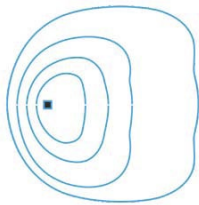
Type 3

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire.



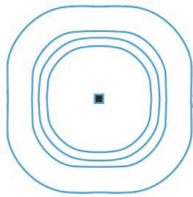
Type 4

Type 4 optics is suitable for applications where light is primarily required forward, and minimal backlight is.








Type 5

Type 5 optics produce a symmetrical pattern that distributes light equally on all sides of the luminaire.

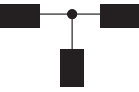


Additional Mounting Accessories

	<p>4" Square Pole Mount with 2-3/8" O.D. Tenon No. 4SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		<p>90° Wall Mount Bracket with 2-3/8" O.D. Tenon No. WM-SP-D Finish: Dark Bronze USE: The 90° wall mount bracket with 2-3/8" tenon attaches an Arcadia floodlight to almost any surface: wall, roof, or wood pole. Provides wiring access and a built-in 2-3/8" O.D. tenon to mount a fixture with our adjustable slipfitter. Suggested 3/8" diameter bolts for mounting. Mounting holes are spaced 3-1/4" apart.</p>
	<p>5" Square Pole Mount with 2-3/8" O.D. Tenon No. 5SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.</p>		
	<p>Pole Bracket accessories-Tenon & Yoke Adaptor No. SP-TR-D Finish: Dark Bronze USE: The 2-3/8" OD Tenon Mount Adaptor for Yoke Fixtures is designed to mount Arcadia light fixtures that are equipped with a yoke mount onto a 2-3/8" OD tenon. It may be utilized with the Arcadia Flood Light Series of light fixtures.</p>		

	Double 90° Horizontal Tenon Adaptor NO. R60-SP2-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally		Triple 120° Horizontal Tenon Adaptor NO. R60-SP3-120-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally
	Double 180° Horizontal Tenon Adaptor NO. R60-SP2-180-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally		Quad 90° Horizontal Tenon Adaptor NO. R60-SP4-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally
	Triple 90° Horizontal Tenon Adaptor NO. R60-SP3-90-D Finish: Dark Bronze USE: The Bracket is designed to mount over 2-3/8" O.D. vertical tenon. Two fixtures can be mounted to the Round External Mount Horizontal Tenon and adjusted horizontally		

EPA of Area Light

Item							
70W/105W	0.626	0.705	0.971	0.981	0.982	0.975	0.982
150W/200W	0.4418	0.7145	0.8813	0.8836	1.0548	1.0135	1.0548
250W/300W	0.5614	0.8471	1.105	1.1228	1.294	1.2503	1.294

BUG Ratings

LED Watts	Dist. Type	B	U	G
70W	3	2	3	2
	5	3	3	1
105W	3	3	2	2
	5	3	2	1
150W	3	3	1	2
	4	3	2	3
	5	4	2	2
200W	3	3	1	2
	4	3	2	3
	5	4	2	2
250W	3	4	2	3
	4	4	2	4
	5	5	2	2
300W	3	4	2	3
	4	4	2	4
	5	5	2	2

DLC Listed Models

System Wattage	Voltage	CCT	DIST. TYPE	DLC NO	DLC Classification
105W	120-277V	4000K	3	ALG-105W-40K-[Blank,W]PMT3[P,M,PM]	Standard
105W	120-277V	5000K	3	ALG-105W-50K-[Blank,W]PMT3[P,M,PM]	Standard
110W	347/480V	3000K	3	ALG-110W-HV-30K-[Blank,W,B,SG]-[PM]-T3-[Blank,P,M,PM]	Standard
110W	347/480V	5000K	3	ALG-110W-HV-50K-[Blank,W,B,SG]-[PM]-T3-[Blank,P,M,PM]	Standard
150W	120-277V	4000K	5	ALG-150W-40K-[Blank,W][PM,SP,WM]T5[P,M,PM]	Premium
150W	120-277V	5000K	5	ALG-150W-50K-[Blank,W][PM,SP,WM]T5[P,M,PM]	Premium
200W	120-277V	4000K	5	ALG-200W-40K-[Blank,W][PM,SP,WM]T5[P,M,PM]	Premium
200W	120-277V	5000K	5	ALG-200W-50K-[Blank,W][PM,SP,WM]T5[P,M,PM]	Premium

Note: Only Above Models are Currently DLC Listed