

## SPECIFICATIONS

### CONSTRUCTION

- Rugged one-piece, die-cast aluminum housing secures the thermally conductive LED panel and electrical chamber
- Low profile, 3G vibration rated compact design minimizes wind load requirements.
- Housing is completely sealed against moisture and environmental contaminants.

### SMALL SIZE: 100W



### OPTICS

- Available in IES Type III, IV, V distributions
- Light engines are available in standard 4000 K and 5000 K (70 CRI) configurations.
- Scalable Lumen Packages from 13,900 to 42,000 Lumens replaces up to 1000W Metal Halide.
- Optics is precisely designed to shape the distribution, maximizing efficiency and application spacing.
- The optics can conform to dark sky requirement.

### MEDIUM SIZE: 150W



### ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage
- Standard with 1-10V dimming driver(s)
- THD: ≤20%
- Power Factor: ≥90%

### LARGE SIZE: 250W/300W



### CONTROLS

- Optional occupancy sensor.
- Optional Photocell.

### AMBIENT TEMPERATURE

- Ambient operating temperature -40° C to 45° C (-40°F to 113°F).

### INSTALLATION

- Suitable for mounting heights ranging from 26-50' in area lighting applications.
- Round pole, Square pole, slipfitter, wall mount and yoke are available.
- The design can be operated by one person to install the whole lamp.

### LIFESPAN

- Estimated 50,000-hour lifespan.

### CERTIFICATIONS

- UL wet location listed.
- DLC Qualified



### NOTE:

Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.






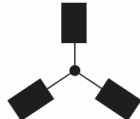

## PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	DIST.TYPE	4000K(70CRI)		5000K(70CRI)	
			LUMENS	LPW	LUMENS	LPW
	120-277V/347-480V	3	14100lm	141 lm/W	14100lm	141 lm/W
100W	120-277V/347-480V	4	14000lm	140 lm/W	13900lm	139 lm/W
	120-277V/347-480V	5	14200lm	142 lm/W	14200lm	142 lm/W
150W	120-277V/347-480V	3	21000lm	140 lm/W	21000lm	140 lm/W
	120-277V/347-480V	4	20500lm	137 lm/W	20500lm	137 lm/W
	120-277V/347-480V	5	21000lm	140 lm/W	21000lm	140 lm/W
250W	120-277V/347-480V	3	35000lm	140 lm/W	35000lm	140 lm/W
	120-277V/347-480V	4	35000lm	140 lm/W	35000lm	140 lm/W
	120-277V/347-480V	5	36000lm	144 lm/W	35000lm	140 lm/W
300W	120-277V/347-480V	3	42000lm	140 lm/W	42000lm	140 lm/W
	120-277V/347-480V	4	41000lm	137 lm/W	41000lm	137 lm/W
	120-277V/347-480V	5	42000lm	140 lm/W	42000lm	140 lm/W

## ELECTRICAL DATA

NUMBER OF DRIVERS	DRIVER CURRENT (MA)	NOMINAL POWER (W)	INPUT VOLTAGE (V)	CURRENT (AMPS)
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
	2520	100	347	0.29
		100	480	0.21
1	1200	150	120	1.25
		150	208	0.72
		150	240	0.63
		150	277	0.54
	2600	150	347	0.43
		150	480	0.31
1	4300	250	120	2.08
		250	208	1.20
		250	240	1.04
		250	277	0.90
		250	347	0.72
		250	480	0.52
1	5200	300	120	2.50
		300	208	1.44
		300	240	1.25
		300	277	1.08
		300	347	0.86
		300	480	0.63

## EPA OF AREA LIGHT

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
100W	0.2751	0.5267	0.7321	0.6164	0.9577	0.9837	0.9577
150W	0.3111	0.6343	0.6464	0.6222	0.9335	0.9696	0.9335
250W/300W	0.4097	0.7227	0.9919	0.8856	1.1986	1.3049	1.1986

## MOUNTING

- Standard versatile mounting arm accommodates multiple drilling patterns as well as square and round poles.
- Optional for cast aluminum slipfitter mounting adapte. Compatible with more mounting adaptors such as Tenon, suits for various applications.

### 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 2-3/8"O.D. horizontal steel tenon arm.



#### WALL MOUNT

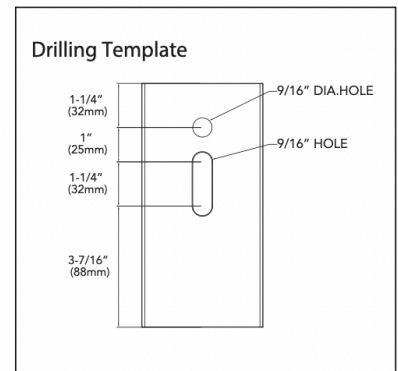
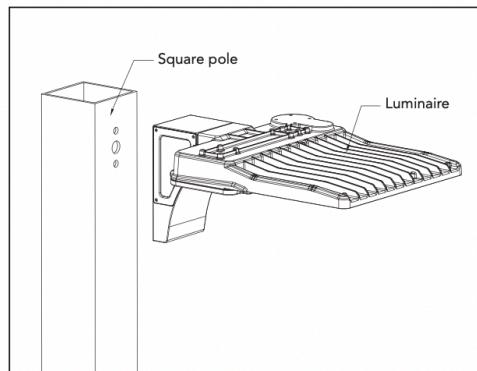
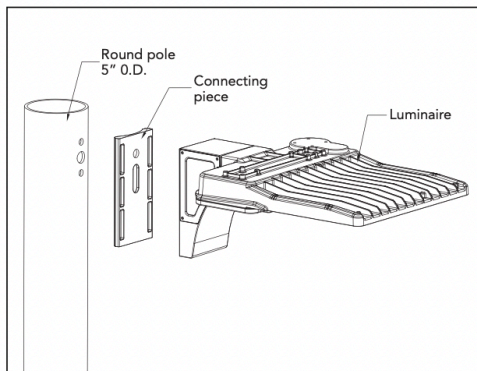
Wall Mount is easy to install for direct wall mounting with 1/2" conduit wiring or standard J-box mounting.



#### YOKE MOUNT

Die-cast aluminum trunnion is easily adapted to many surfaces and allows easy fixture aiming angles.

### MOUNTING DIMENSIONS



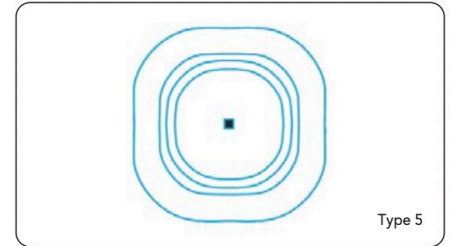
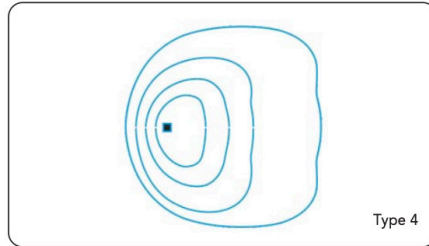
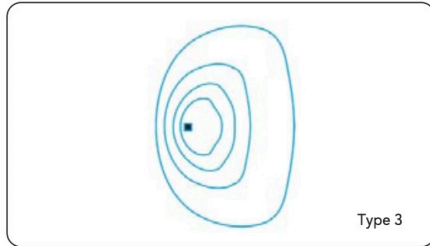
## PHOTOMETRICS

We offer a complete set of optical systems to meet every site lighting requirement. These systems provide remarkable flexibility in precisely matching light distribution patterns to specific site requirements.

Type 3 optics produce an asymmetrical pattern that directs the majority of the light forward and equally on both sides of the luminaire. In a back-to-back configuration, it creates a rectangular pattern which can extend pole spacings.

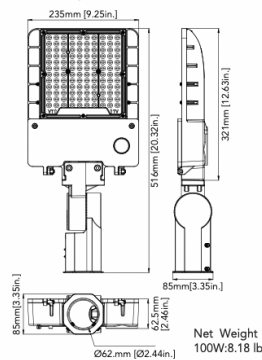
Type 4 is suitable for applications where light is primarily required forward with minimal backlight. Typical installations include perimeter poles.

Type 5 optics produce a symmetrical square distribution pattern that distributes light equally on all sides of the luminaire. Type 5 luminaires is universal for most area lighting applications

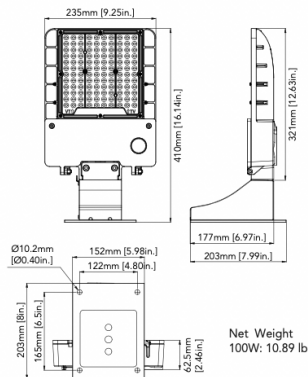


## DIMENSIONS UNIT: INCH/MM

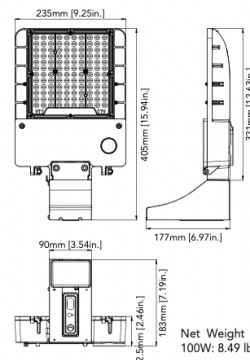
100W (Slipfitter Mount)



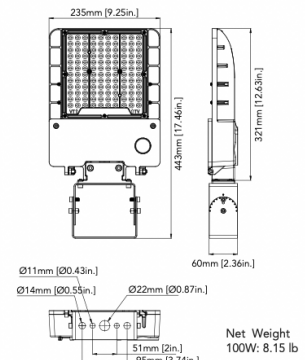
100W (Wall Mount)



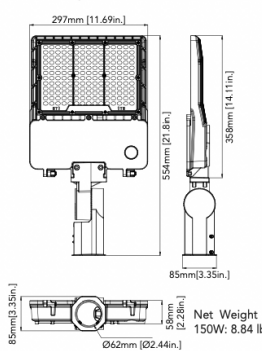
100W (Pole Mount)



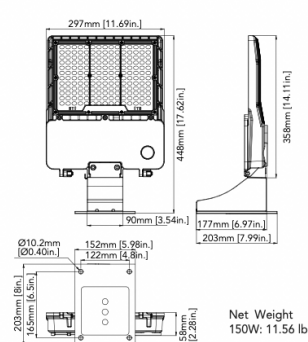
100W (Yoke Mount)



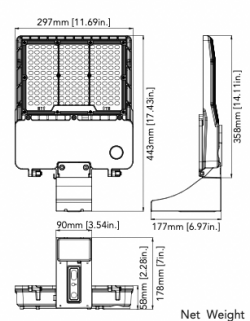
150W (Slipfitter Mount)



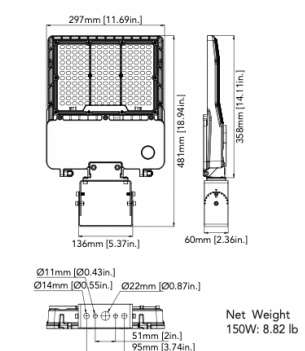
150W (Wall Mount)



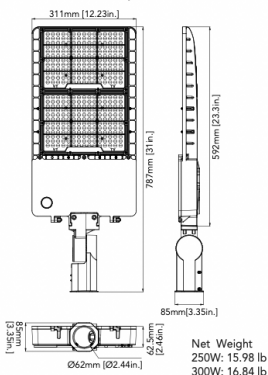
150W (Pole Mount)



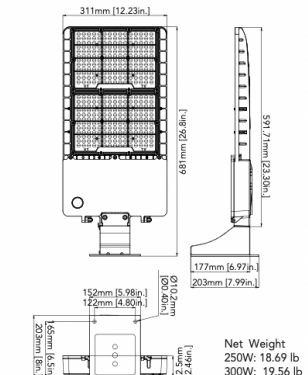
150W (Yoke Mount)



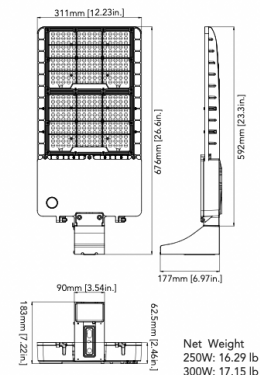
250W/300W (Slipfitter Mount)



250W/300W (Wall Mount)



250W/300W (Pole Mount)



250W/300W (Yoke Mount)

