1st Source Lighting

LED AREA LIGHT

Product Description:

Pole Mount
This pole mount was designed to complement the fixture's aerodynamic shape. By further reducing the fixture's drag, this product is suitable for harsher environments
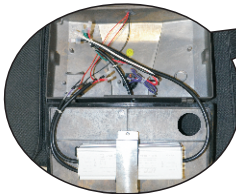
Photocontrol
Optional photocontrol allows for further energy saving.

Proprietary Optical Control
Specifically designed lens Type III, IV, and V allow architects maximum freedom to design any layout without restraint. These optics are engineered for maximum light output.

Integrated Heatsink
Integrated cooling fin provides excellent thermal dissipation. This design allows the fixture to have extremely long lifetime hours.

Bi-Level Sensor Control
Fixture has the option to add an occupancy sensor allowing bi-level dimming and harvest dimming. This provides maximum savings for the end-user.

Door Frame
The door frame is designed with the installer in mind. It has a simple to use hinge access so allowing installers to be hands-free when entering electrical compartment. This saves time and money.

Available Options

Trunnion   Slip Fitter   Pole Mount

Product Description:

This slick and modern luminaire has been designed to handle any environment. With a beautiful slimline design along with one of the highest lumen performance on the market, this versatile fixture can be used as a flood light or an area light. Including a multitude of mounting options, surge protection devices, IOT photocell capability, and the most technologically advanced LED's on the market, the LED6099 is ready to conquer the lighting landscape.

Optional Kelvin color* with adder.

Features:

LISTING
▶ UL and cUL listed for wet locations
HOUSING
▶ One piece die-cast aluminum body with die-cast hinge panel for easy installation access.
LEDS
▶ The most technologically advanced LED chips in the market
FINISH
▶ UV stabilized powder coated finish
LENS
▶ Optional Type III, Type IV, Type V optics
OPTIONS
▶ Optional 347V or 480V with adder
▶ Bi-Level Dimmable or Photocontrol optional available with adder
▶ Finish - Bronze. Color option with adder
▶ Standard 4kV surge

* Different LED Kelvin temperature available with 4-6 week lead time. Please call for a quote.
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Mounting Options:

Multi-functional pole mounting holes

51
20
unit:mm

Pole Mount

Die-Cast Mounting Arm, Bronze Powdercoat Finish, Includes Hardware. Mounts Directly to Square Poles..

Slip Fitter

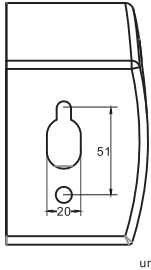External Mount Die-Cast Adjustable Slipfitter for 2 3/8"Tenons, Bronze Powdercoat Finish, Includes Hardware.

Trunnion

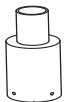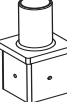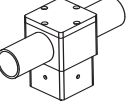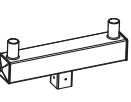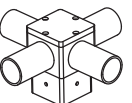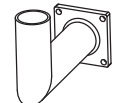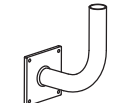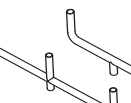Heavy Duty Steel Bracket, 3.5mm.Adjustable aiming over 180 degree arc.Bronze Powdercoat Finish, Includes Hardware.

Additional Mounting Accessories:

AR-RD-1TENON	AR-SQ-1	AR-SQ-2TENON180	AR-SQ-TUBE-2RTX	AR-SQ-TUBE-3RTX	AR-SQ-TUBE-4RTX
AR-SQ-BRK-TENON	AR-SQ-LBK-TENON	AR-SQ-4TENON	AR-SQ-BRK-LTNO	AR-SQ-BRK-LRTNO	AR-HORN-2/3

Specification:

Example:LED-6099A220UNV740T3-XSPE3R

Model No.	System Watts	Input Voltage	CRI	Color Temp	Distribution	Option		Finish	Starting Temp
						Accessories	Mounting		
1ST-AL	220=220W 307=307W	UNV=120-277V	7=70+	40=4000 K 50=5000 K	T3=Type III T4=Type IV T5=Type V	XS=10kv Surge OS=Occupancy Sensor PE=Photocontrol 3R=3-pin Receptacle 5R=5-pin Receptacle 7R=7-pin Receptacle	PM=Pole Mount SF=Slip Fitter U=U Bracket	BZ=Bronze	-40°C

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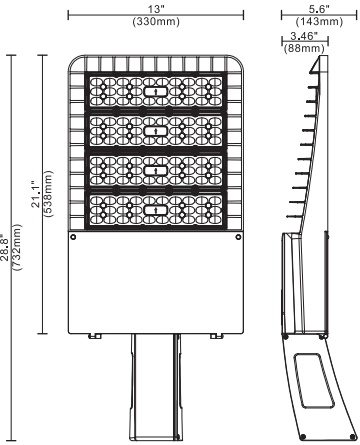
EPA (Effective Projected Area):

Configuration	1	2@180°	2@90°	3@90°	3@120°	4@90°
EPA(Sq. Ft.)	0.55	1.10	0.95	1.50	1.74	1.74
Weight(Lbs.)	8.50	17.00	17.00	25.50	25.50	34.00

Performance Data
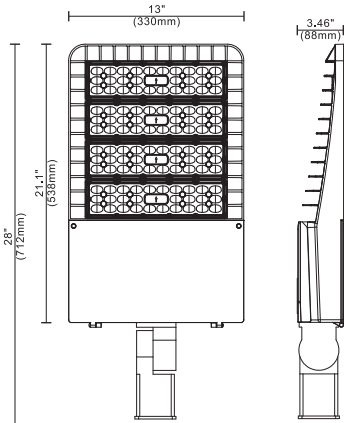
LED-6099	System Watts	Dist. Type	Lumens	Lpw	B	U	G
	220W	Type III	30299 lm**	138 lm/W	4	2	5
		Type IV	30391 lm**	138 lm/W	4	2	3
		Type V	31130 lm**	142 lm/W	5	2	2
	307W	Type III	37042 lm**	121 lm/W	4	2	5
		Type IV	37808 lm**	123 lm/W	4	2	3
		Type V	38080 lm**	124 lm/W	5	2	2

Dimension:

LED-6099PM	LED-6099SF	LED-6099TR

LED-6099PM
13" (330mm)
5.6" (143mm)
3.46" (88mm)
28.8" (732mm)
21.1" (538mm)

LED-6099SF
13" (330mm)
3.46" (88mm)
28" (712mm)
21.1" (538mm)

LED-6099TR
13" (330mm)
3.46" (88mm)
24.7" (628mm)
21.1" (538mm)
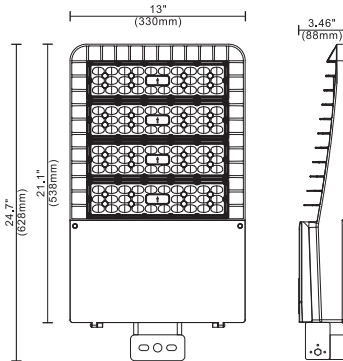
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