

# LED AREA LIGHTS



## FEATURES

- Well suited light distribution for parking lot and roadway lighting.
- Advanced heat sink design makes fixture light in weight and better at heat dissipation.
- Suitable for Wet Locations.
- Type V Light Distribution.
- IP68 Rated.
- ETL Listed.



**87% ENERGY EFFICIENCY & LONG LIFE**  
60% MORE ENERGY EFFICIENT THAN STANDARD HID LAMPS  
TYPICAL PAYBACK OF 1 - 3 YEARS

SKU #

Kelvin

Lumens

Wattage

Voltage

CRI

Mounting

Life Hours

Warranty

**LEDF-10130**

**4000**

**36000**

**300**

**120-277**

**70**

**STRAIGHT**

**50000**

**5 years**

## ADDITIONAL PHOTOS



## FEATURES

- Longer life span than Metal Halide
- Minimizes Maintenance Checks
- Type V Light Distribution

## TYPICAL APPLICATIONS

- Security Lighting
- Pedestrian Lighting

## WARRANTY

WARRANTY 5 Years

## SPECIFICATIONS

### PERFORMANCE

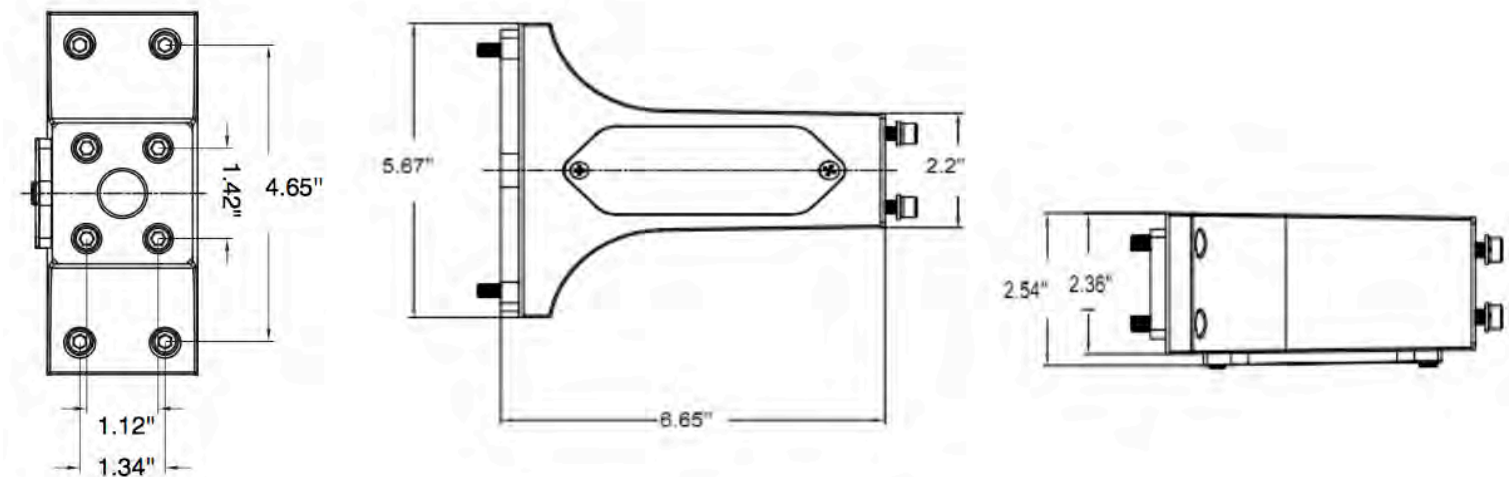
36000 Lumen Output (IES)  
300W Power Consumption  
120 lm/W Efficacy (IES)  
4000K Color Temperature  
>50000 hrs Lumen Maintenance  
120-277 Input Voltage  
0.9 Power Factor

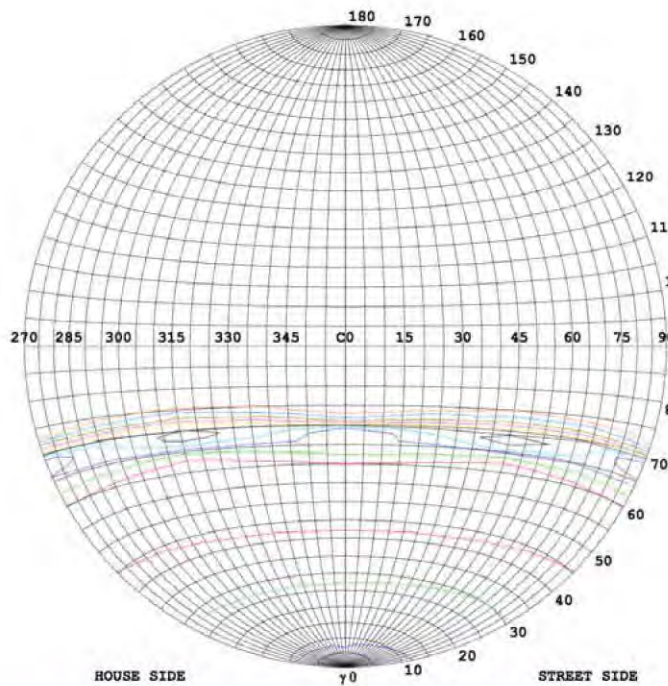
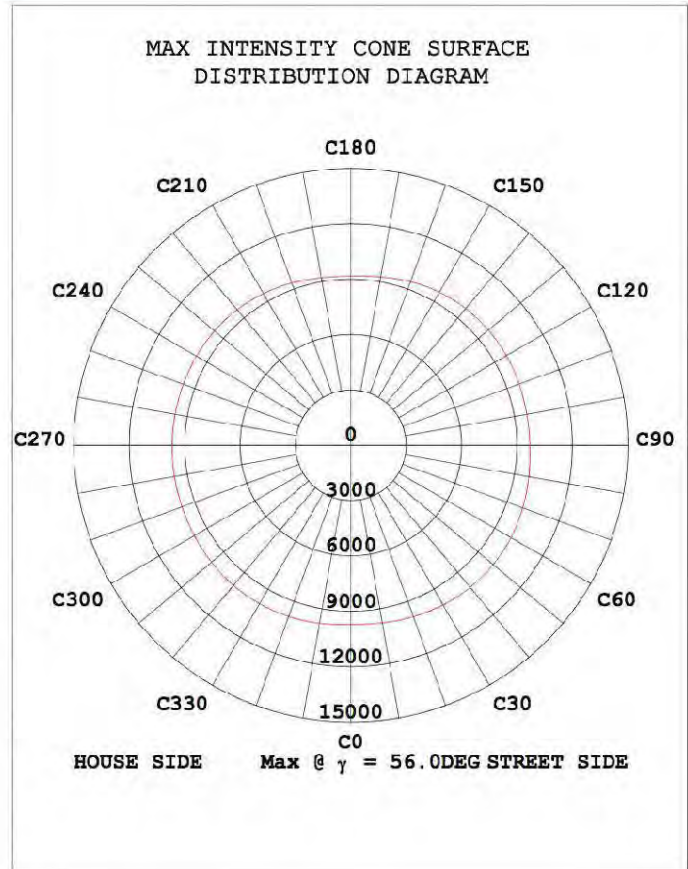
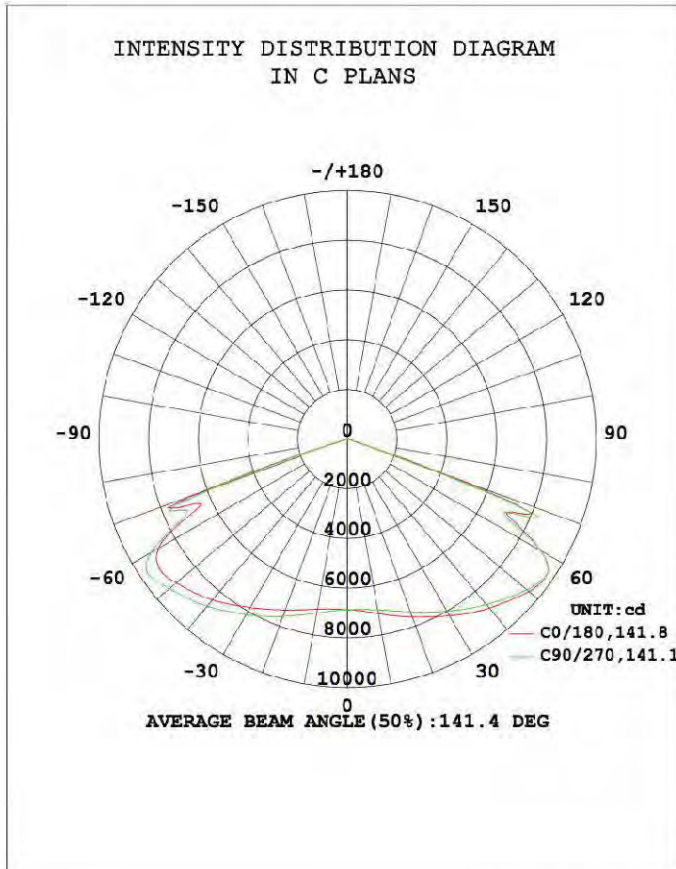
### ENVIRONMENTAL

IP68 Rating  
-40°F ~113°F Operating Temperature

### PHYSICAL

Dimensions (22.75 in. x 12.4 in. x 2.26 in.)  
Straight Arm Mounting Option  
Housing Die-Casting Aluminum





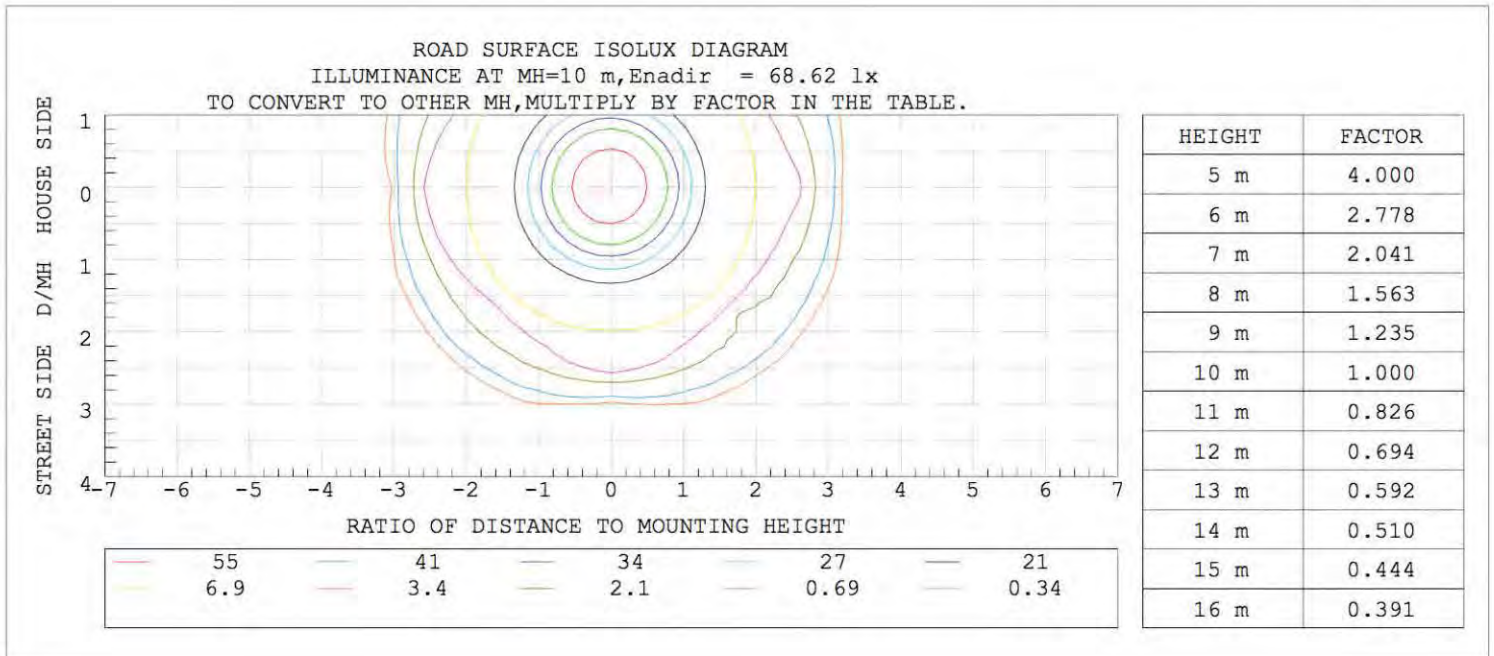
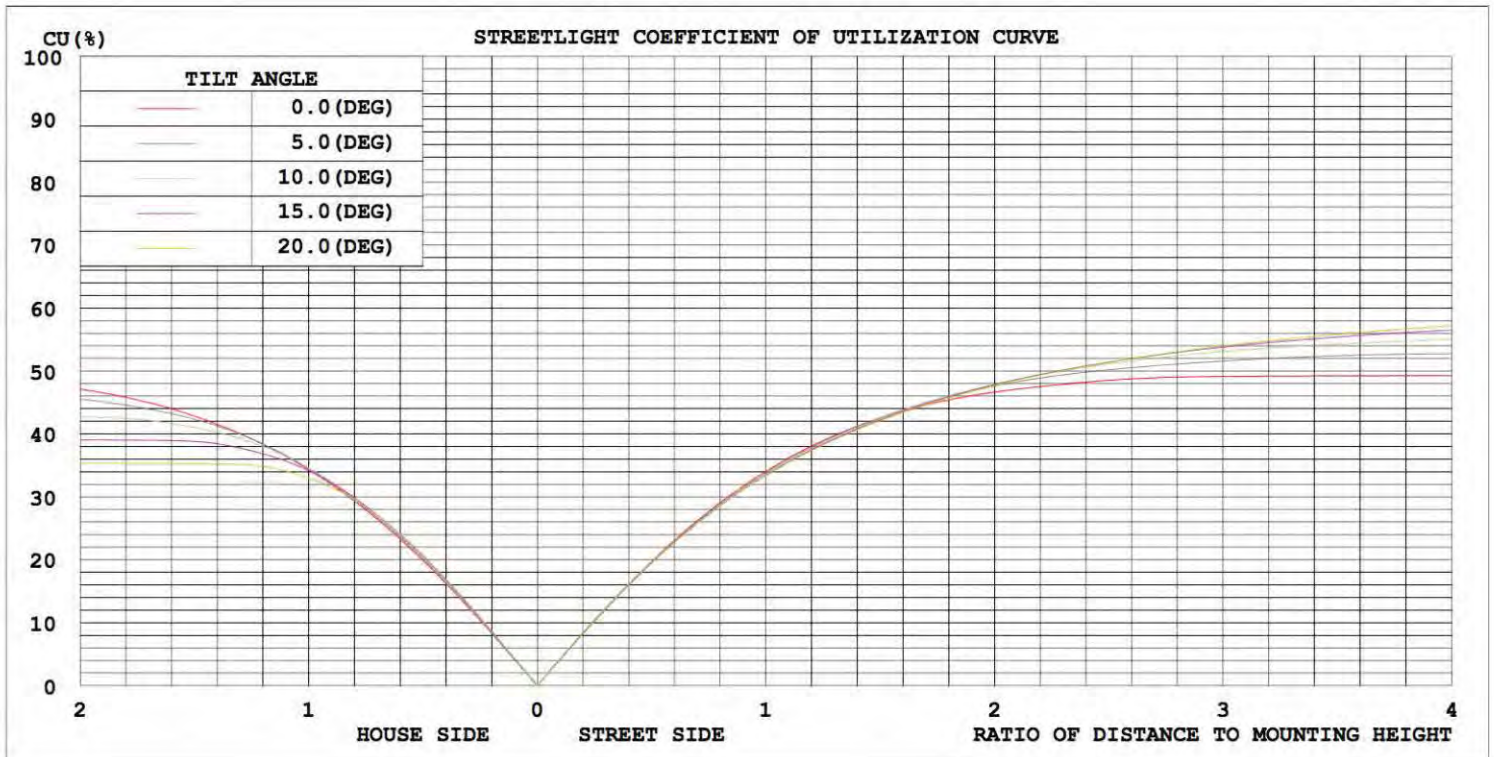
Classification:

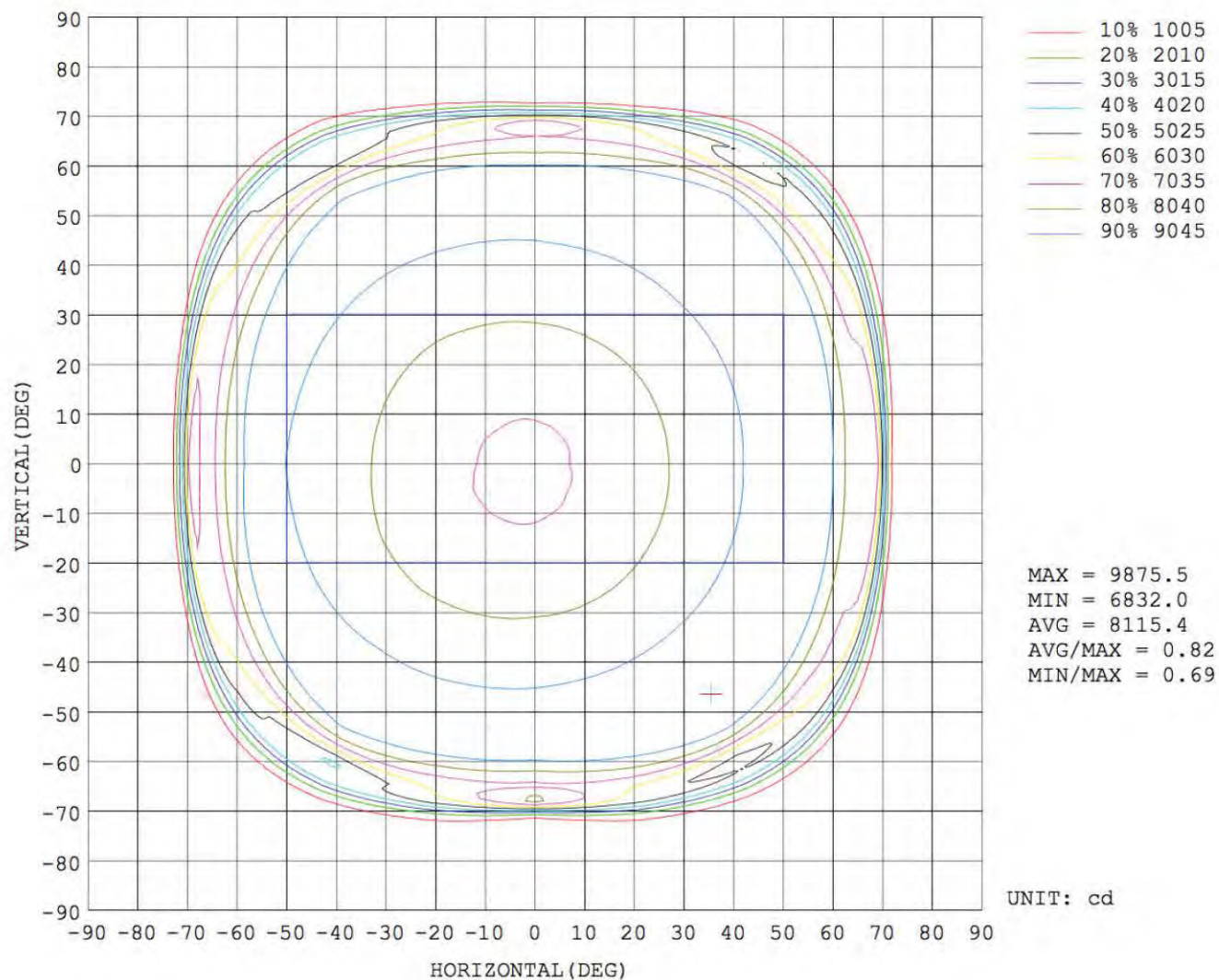
IES: Type V - Short  
 CIE: Broad - Short  
 IES: Cut-off  
 CIE: Full cut-off  
 Max. At 80: 3.653cd/klm  
 Max. At 90: 0.1665cd/klm  
 Max. 80-90: 3.653cd/klm

ISOCANDELA DIAGRAM

UNIT	cd
Imax=100%	10062
90%	9056
80%	8050
70%	7044
60%	6037
50%	5031
40%	4025
30%	3019
20%	2012
10%	1006
5%	503

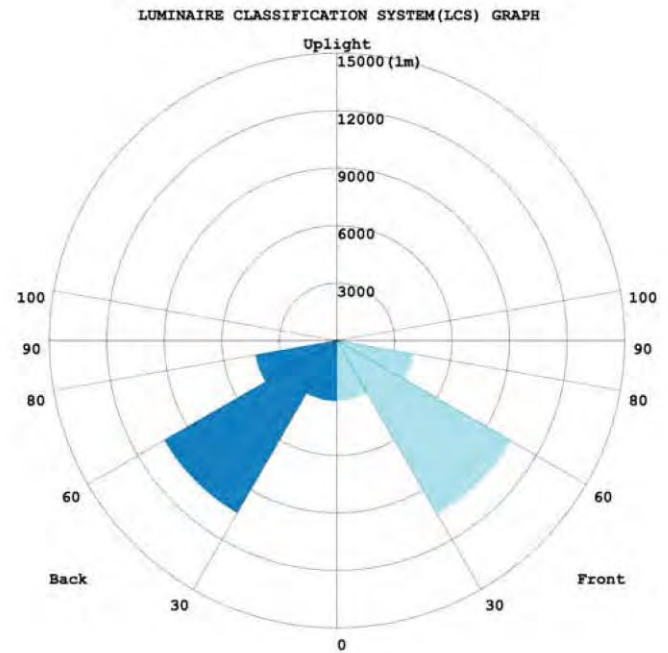
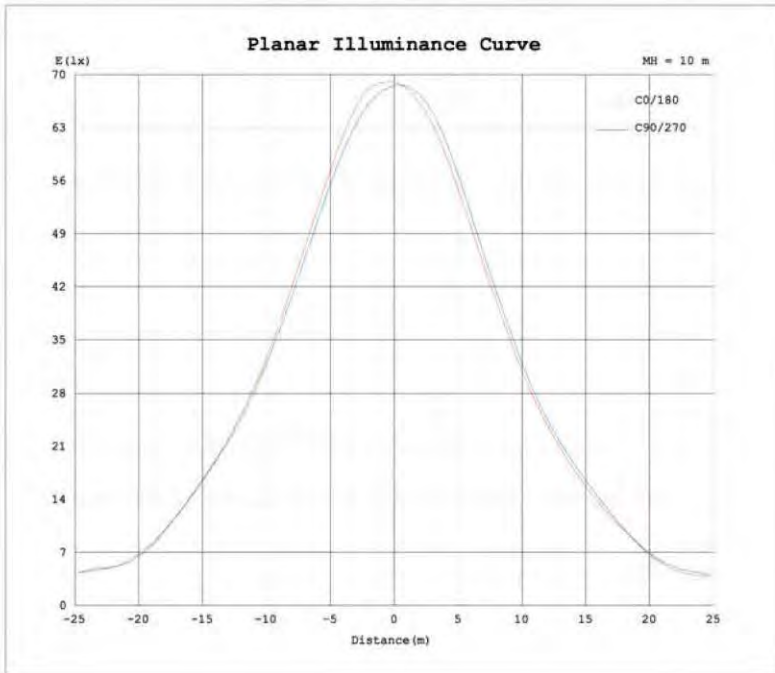








# LED AREA LIGHTS



Painting after heat sink assembly.  
Screws invisible from outside, more integrated design in appearances

Extruded aluminum heat sink, coefficient of heat transfer up to 221

- \*\* Heat dissipation trippled than before
- \*\* Lighter weight
- \*\* LED Modules can directly connected to heat sink, the temp difference between is only 2-3° C
- \*\* Temp for heat sink= 60° C (Ambient Temp=25° C)

Improved LED Modules design

- \*\* No soldering on production line, assembly speed fastened
- \*\* Plug-in pin for LED modules, easy assembly & replace in future
- \*\* Temp of LED Board: 60° C (Ambient Temp=25° C)

Die-casting aluminum power pack

- \*\* Reliable structure
- \*\* Better for IP rating
- \*\* Isolates the heat generated from the LED Modules to power supply
- \*\* Simple but reliable way to fix driver, easy to replace in future.

LED Lens

- \*\* Type III, Type V, 90x120°
- \*\* With small pins on the back side for locating the connection hole on the LED board, to avoid wrong direction assembly.

Waterproof apron for LED modules.

314 screws for standard outdoor application. These are less access to rain or sunshine

Clamshell power supply cover  
Much more convenient for installation, save labor cost.

- \*\* Ideal for inventory
- \*\* Ideal for SKD
- \*\* Easy installation
- \*\* Save labor cost
- \*\* Will not affect light, power & IP rating when changing the mount.

Built-in 10ka surge suppressor, American Brand-Pacific

## STRAIGHT ARM OPTION



75W



120W/150W



220W



300W

## Square Pole



1. Slide-in straight mount option for square pole installation **or directly for wall installation**
2. Min Pole Size: 3"x3"
3. Max Load Weight: 110lbs
4. Reserved for photosensor option