

# 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 III Light Distribution
- IP68 Rated
- UL File Number - E484679



**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	DLC?	Mounting	Life Hours	Warranty
<b>LEDF-10125</b>	<b>5000</b>	<b>36000</b>	<b>300</b>	<b>120-277</b>	<b>70</b>	<b>NO</b>	<b>STRAIGHT</b>	<b>50000</b>	<b>5 years</b>

## ADDITIONAL PHOTOS



## FEATURES

- Longer life span than Metal Halide
- Minimizes Maintenance Checks
- Type III 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)  
5000K Color Temperature  
>50000 hrs Lumen Maintenance  
120-277 Input Voltage  
0.9 Power Factor

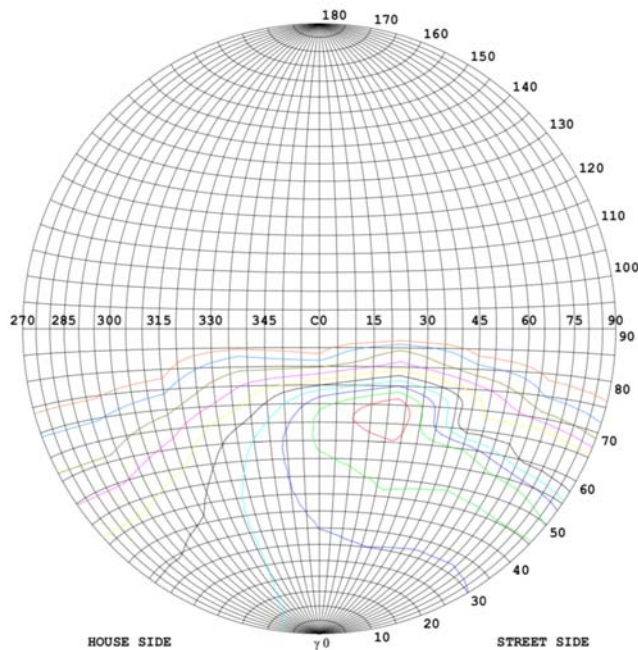
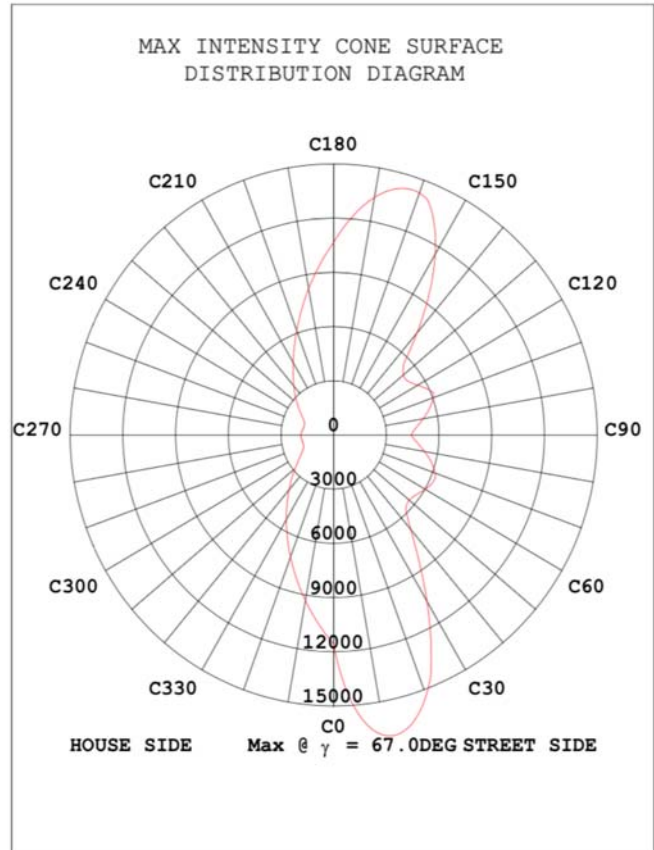
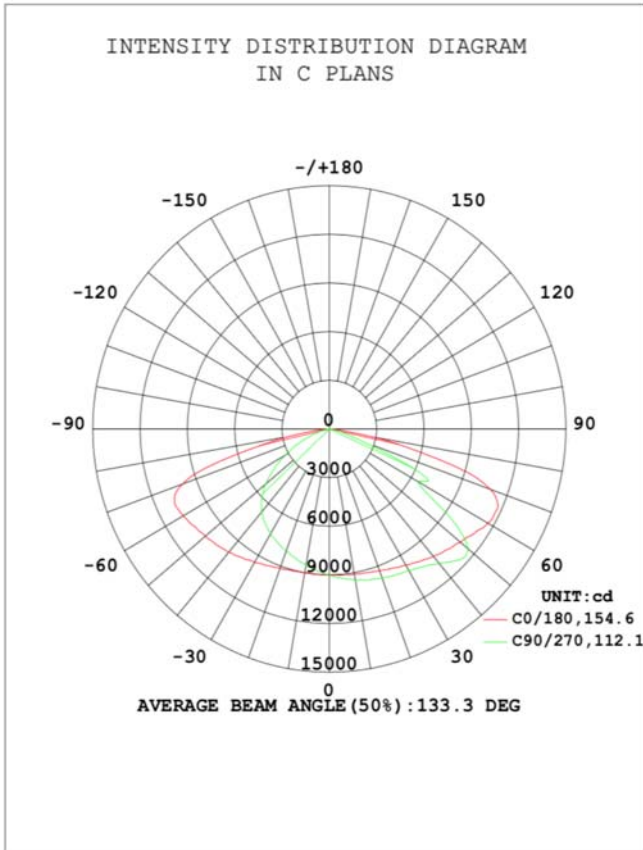
### ENVIROMENTAL

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

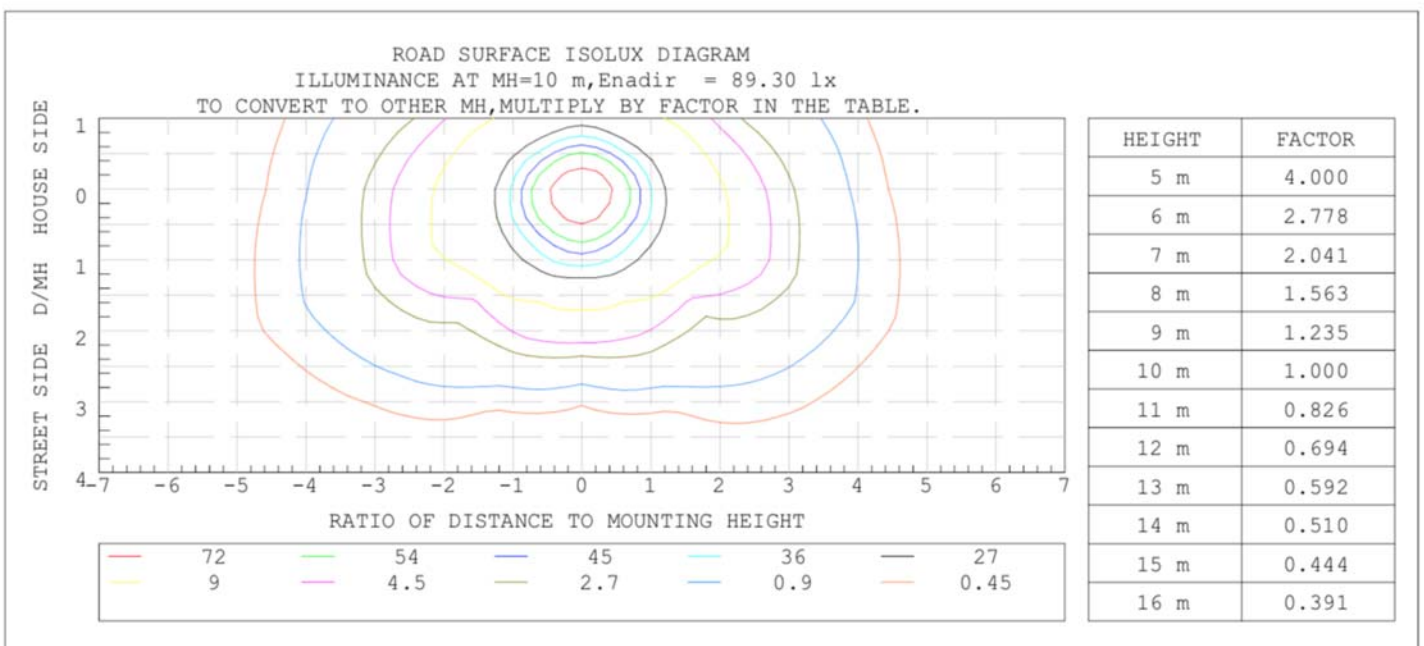
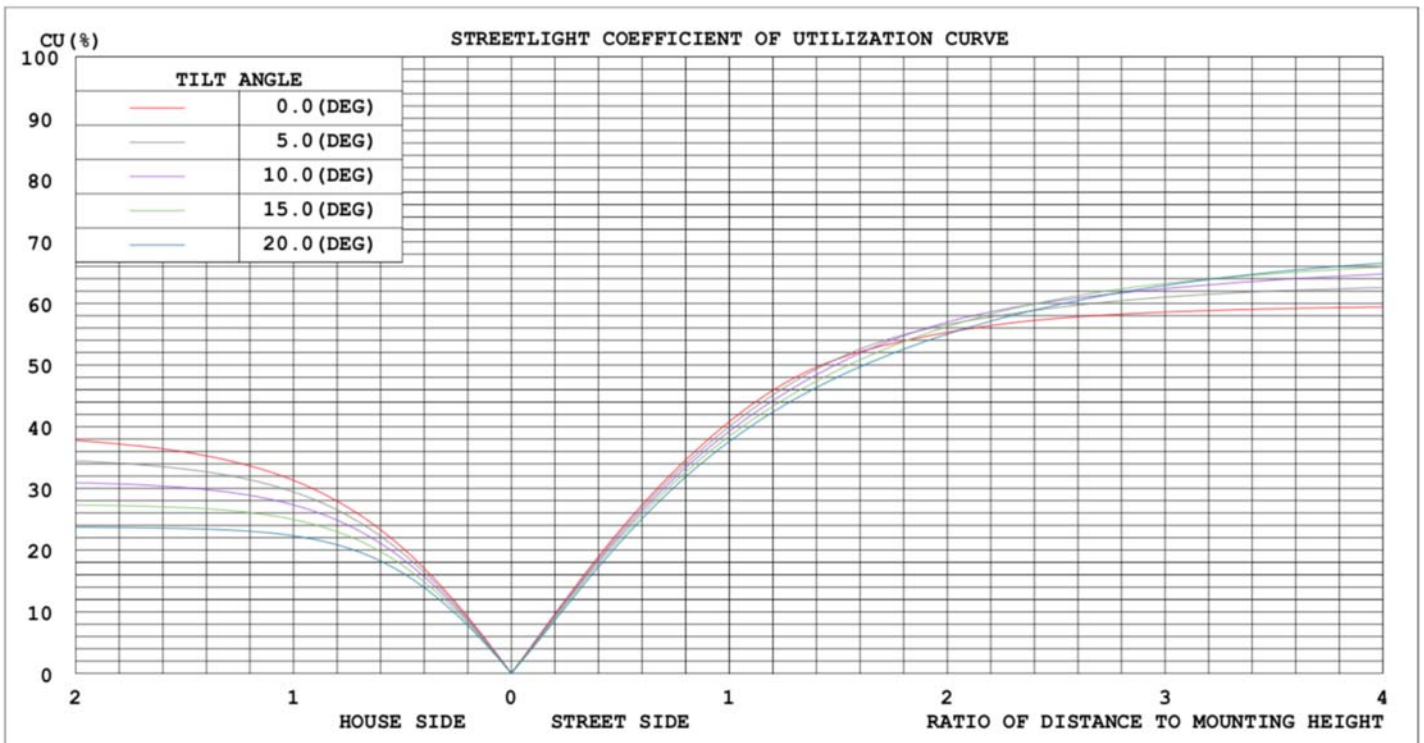
## PHOTOMETRICS

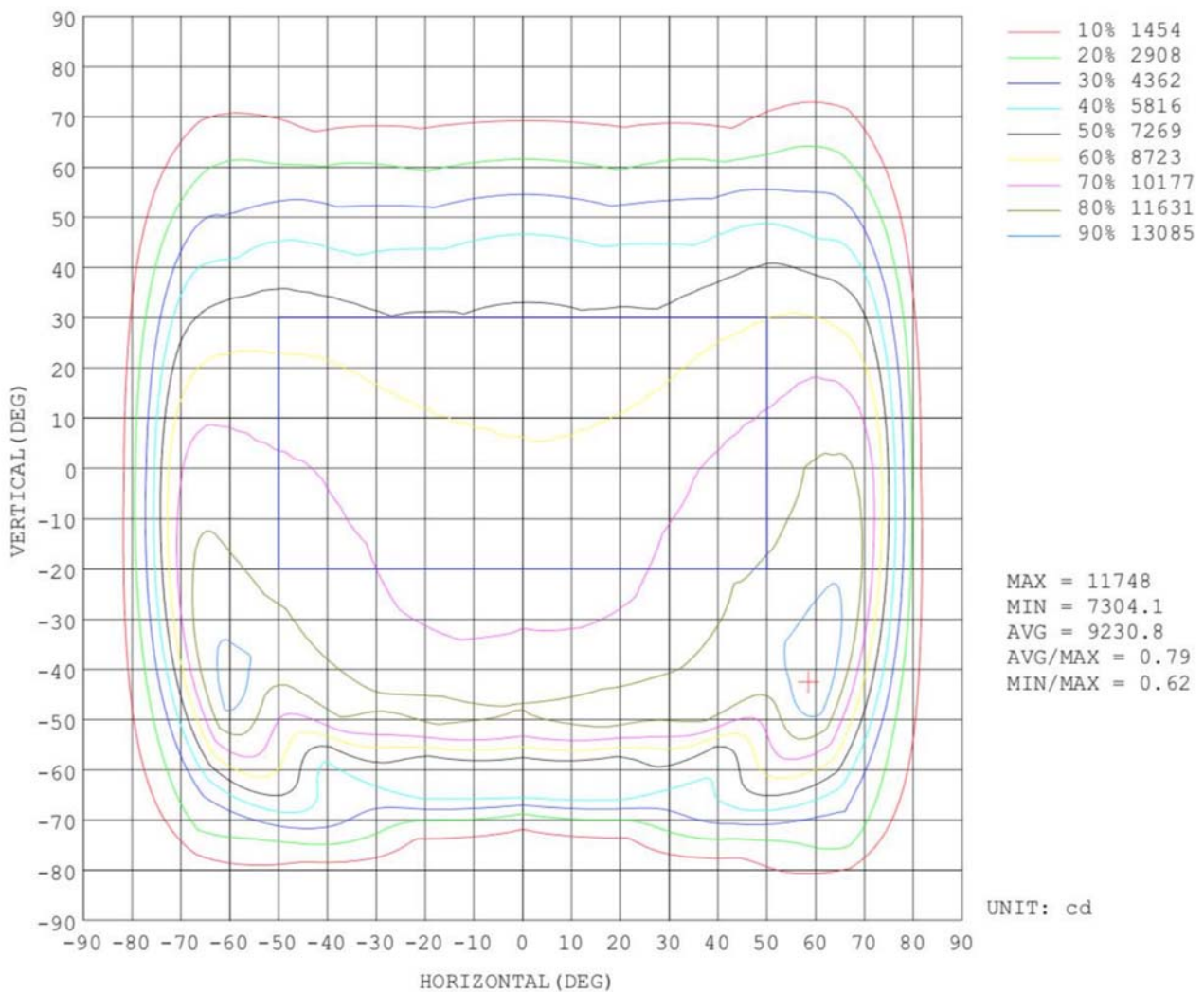


Classification:

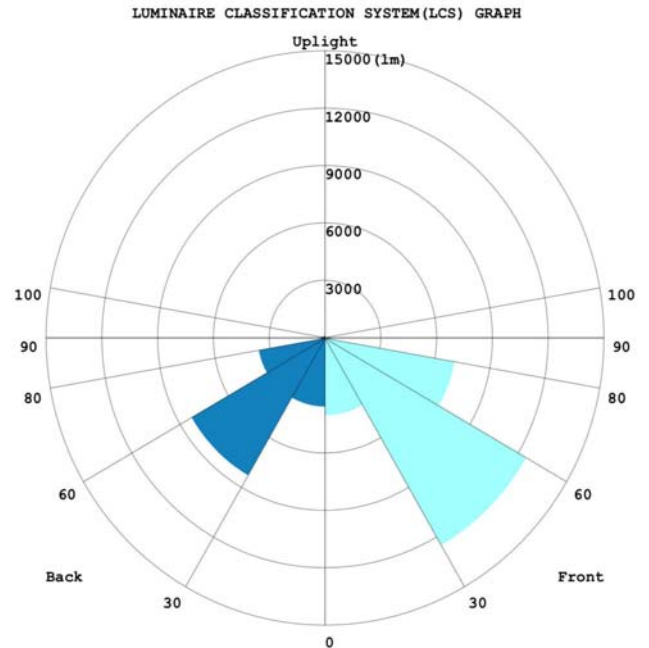
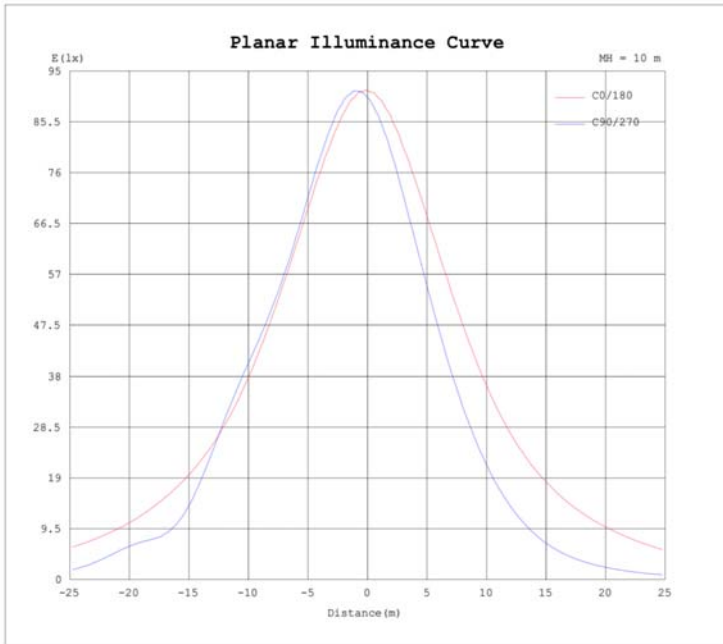
IES: Type III - Short  
 CIE: Average - Intermediate  
 IES: Semi cut-off  
 CIE: Non-cut-off  
 Max. At 80: 127.3cd/klm  
 Max. At 90: 0.5603cd/klm  
 Max. 80-90: 127.3cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	14430
90%	12987
80%	11544
70%	10101
60%	8658
50%	7215
40%	5772
30%	4329
20%	2886
10%	1443
5%	721









### 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)

### 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.

### 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)

### 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.

### Patent, Unique slide-in Mount installation

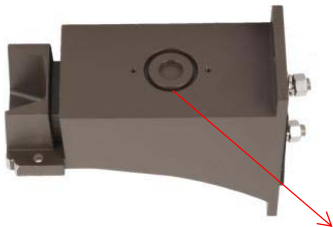
- \*\* Ideal for inventory
- \*\* Ideal for SKD
- \*\* Easy installation
- \*\* Save labor cost
- \*\* Will not affect light, power & IP rating when changing the mount.

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

## STRAIGHT ARM



## Square Pole



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

