

# 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
- Lumileds LEDs and Mean Well driver



**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-10100</b>	<b>5000</b>	<b>9600</b>	<b>75</b>	<b>120-277</b>	<b>70</b>	<b>NO</b>	<b>SLIP FITTER</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

## PHOTOMETRICS

## SPECIFICATIONS

### PERFORMANCE

9600 Lumen Output (IES) 75W Power Consumption  
128 lm/W Efficacy (IES) 5000K Color Temperature  
>50000 hrs Lumen Maintenance  
120-277 Input Voltage  
0.9 Power Factor  
Effective Projected Areas: 0.207 square feet

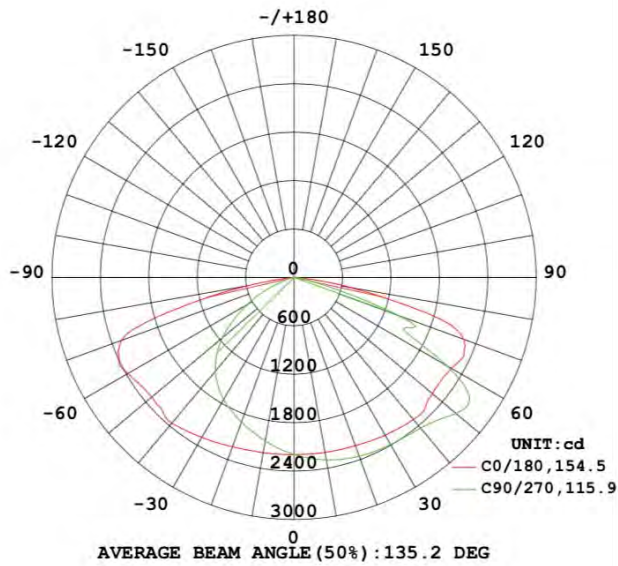
### ENVIROMENTAL

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

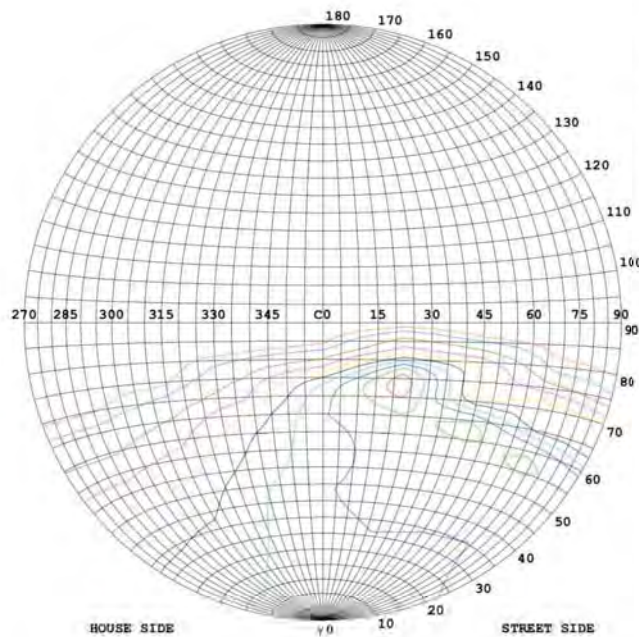
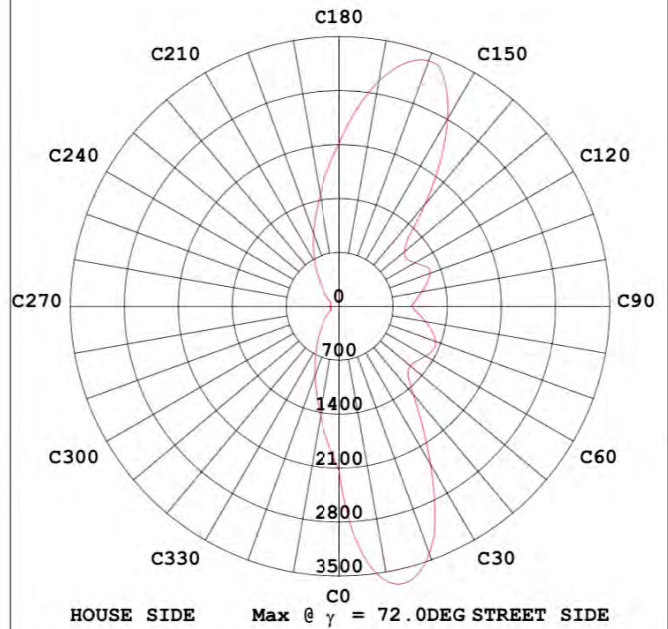
### PHYSICAL

Dimensions (10.97 in. x 12.4 in. x 2.26 in.)  
Slip Fitter Mounting  
Housing Die-Casting Aluminum

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



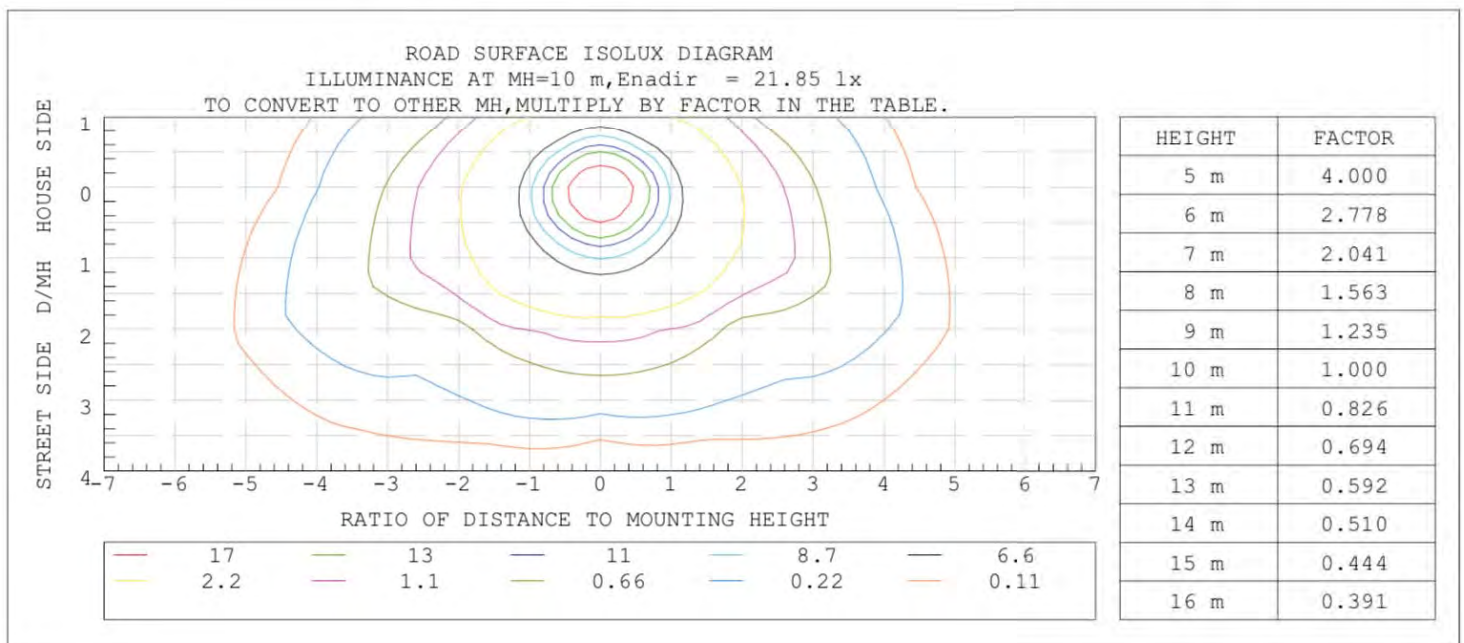
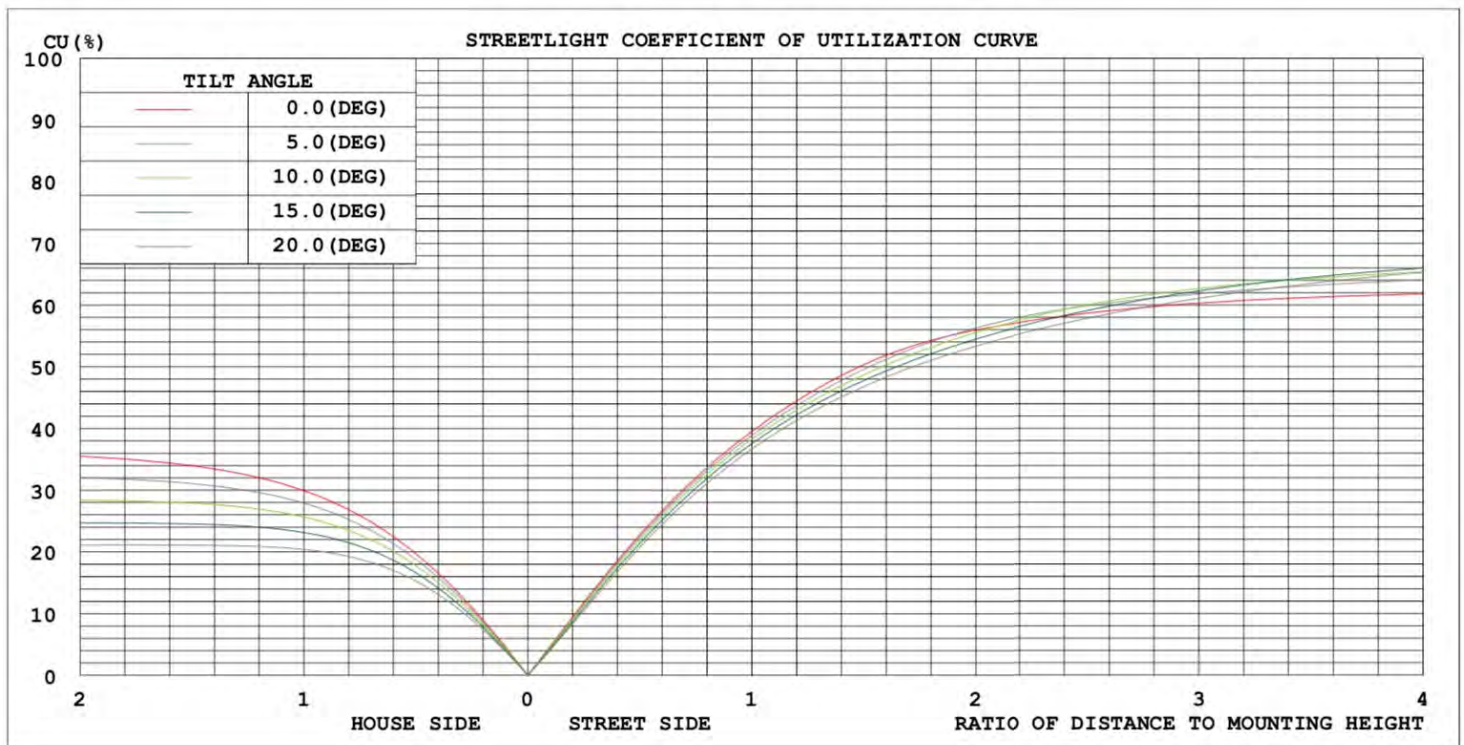
MAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

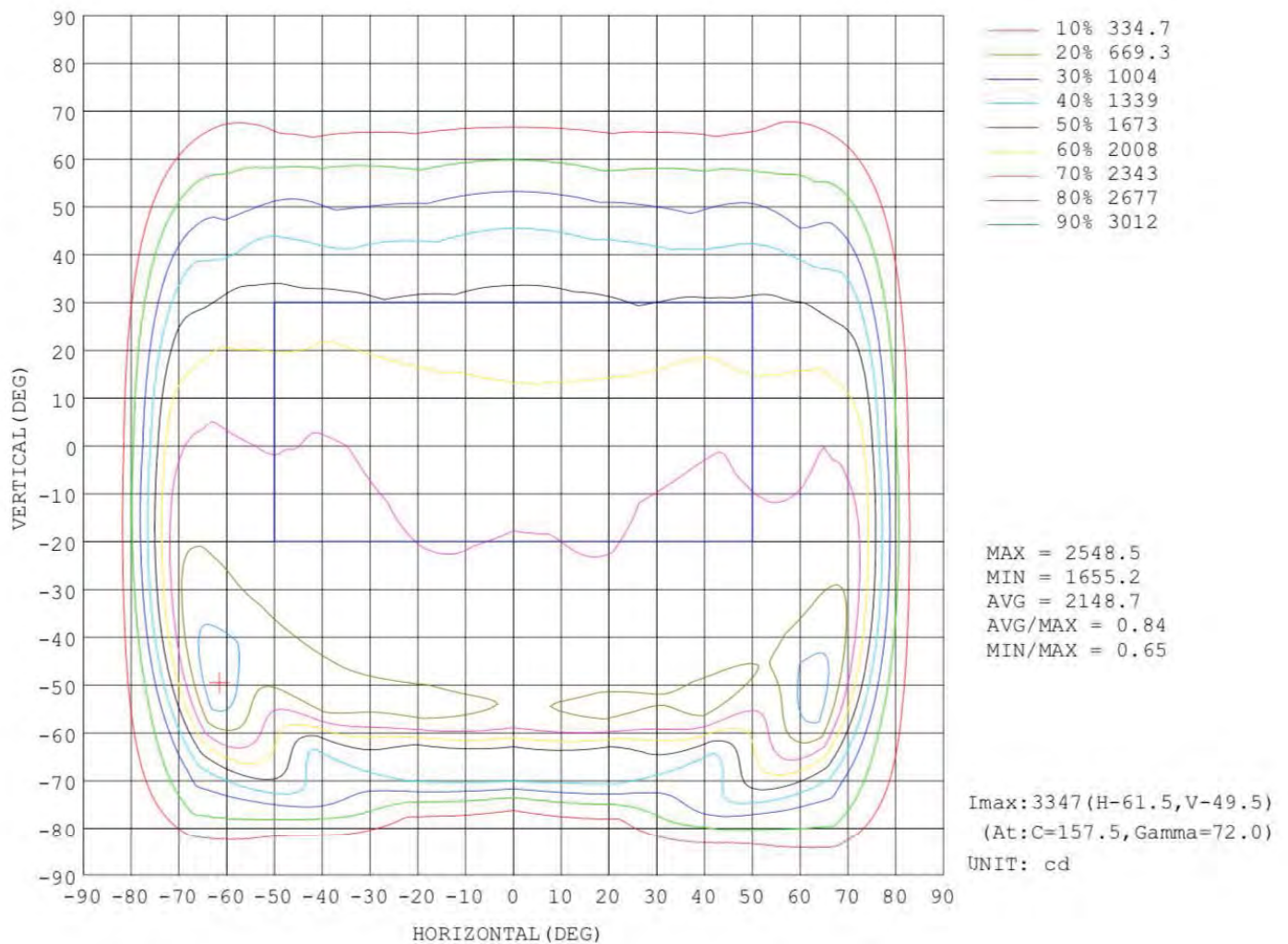


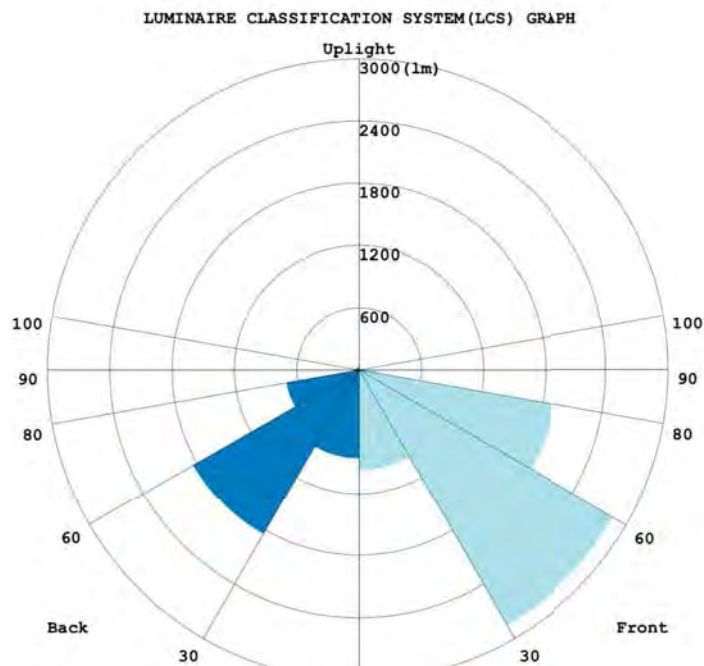
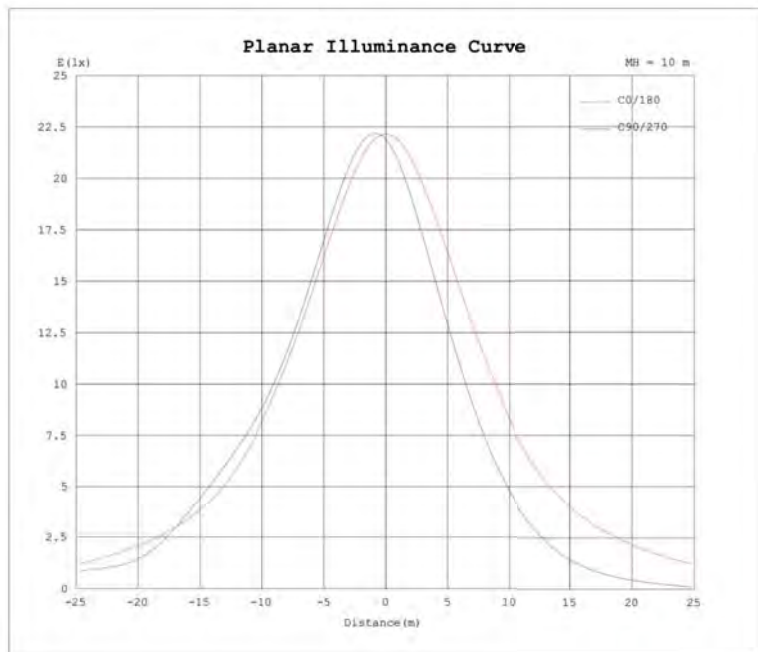
Classification:

IES: Type III - Medium  
 CIE: Broad - Long  
 IES: None cut-off  
 CIE: Non-cut-off  
 Max. At 80: 205.2cd/klm  
 Max. At 90: 4.445cd/klm  
 Max. 80-90: 205.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3378
90%	3040
80%	2702
70%	2364
60%	2027
50%	1689
40%	1351
30%	1013
20%	676
10%	338
5%	169







### 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.

## STANDARD MOUNT-SLIP FITTER



- ◆ Installation angle: 0-90°
- ◆ Max Pole size: 2-3/8"
- ◆ Each rotation is 4°
- ◆ Max Load Weight: 110lbs
- ◆ Installation: for round pole

