

LED AREA LIGHTS

PLT
&



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.
- UL File Number: PLTB47XXX203
- DLC Part Number: PLTB475X2203



59% ENERGY EFFICIENCY & LONG LIFE

TYPICAL PAYBACK OF 1 - 3 YEARS

SKU #	Kelvin	Lumens	Wattage	Voltage	CRI	DLC	Mounting	Life Hours	Warranty
LEDF-10128	5000	36000	300	200-480	70	YES	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)
5000K Color Temperature
>50000 hrs Lumen Maintenance
200 - 480 Input Voltage
0.9 Power Factor

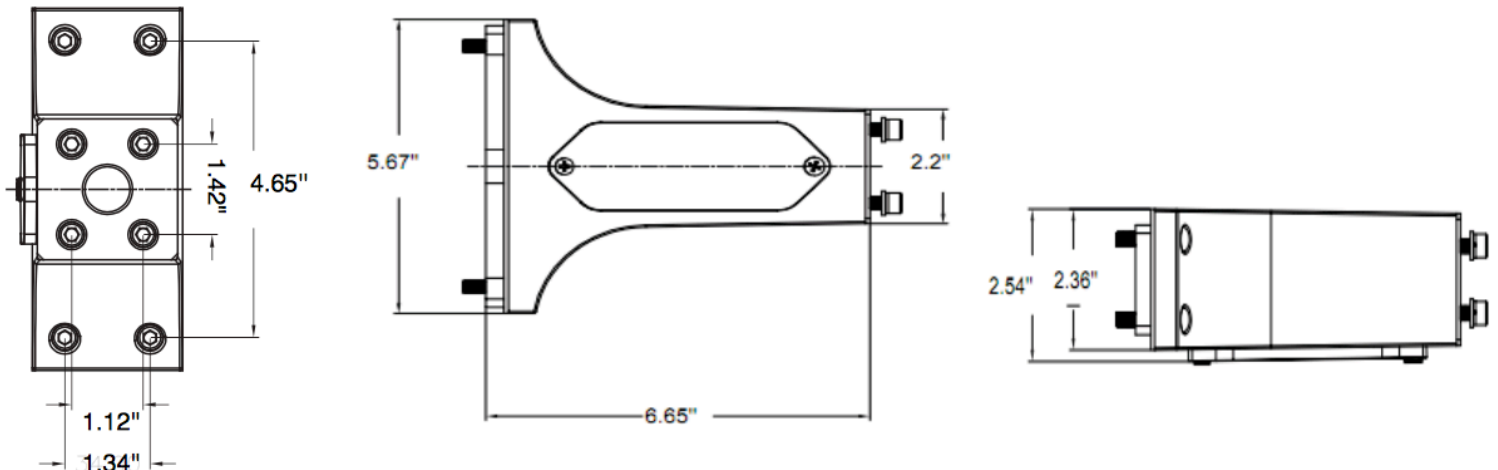
ENVIRONMENTAL

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

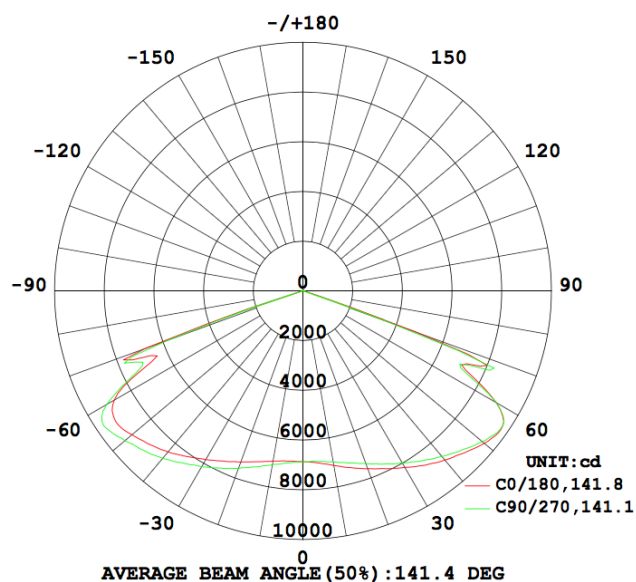
PHYSICAL

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

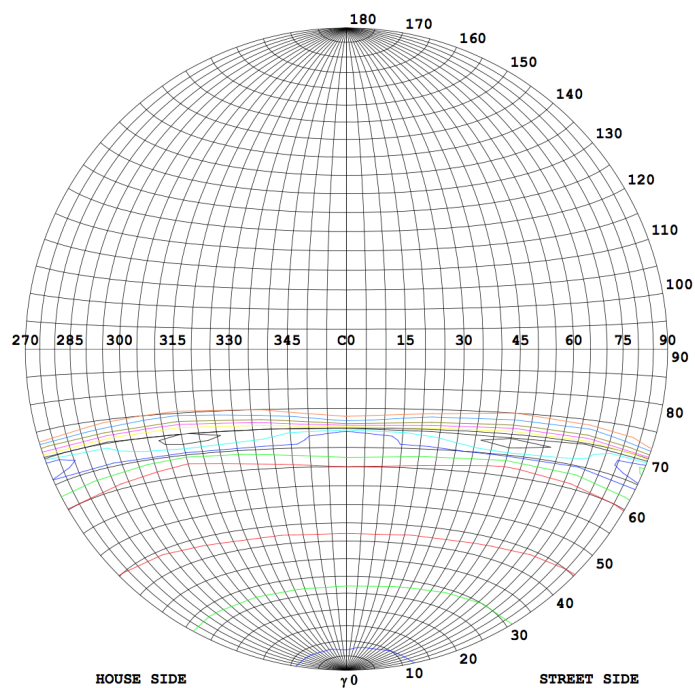
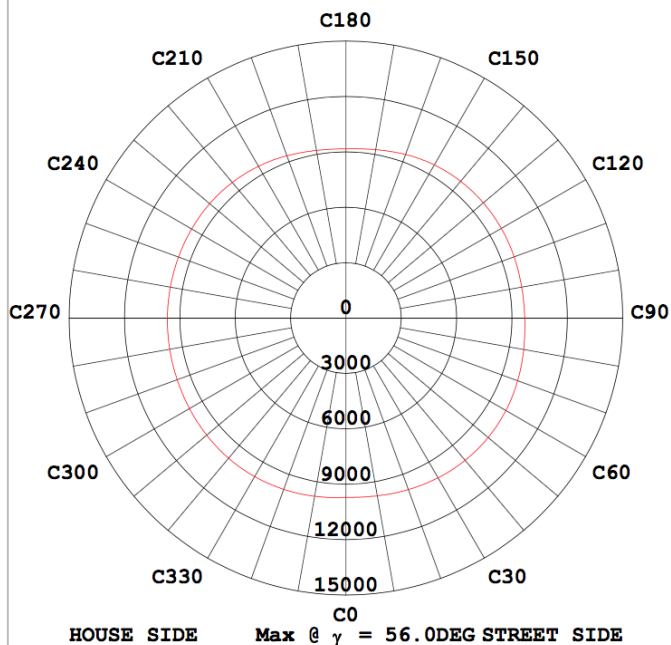
DIMENSIONS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



MAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

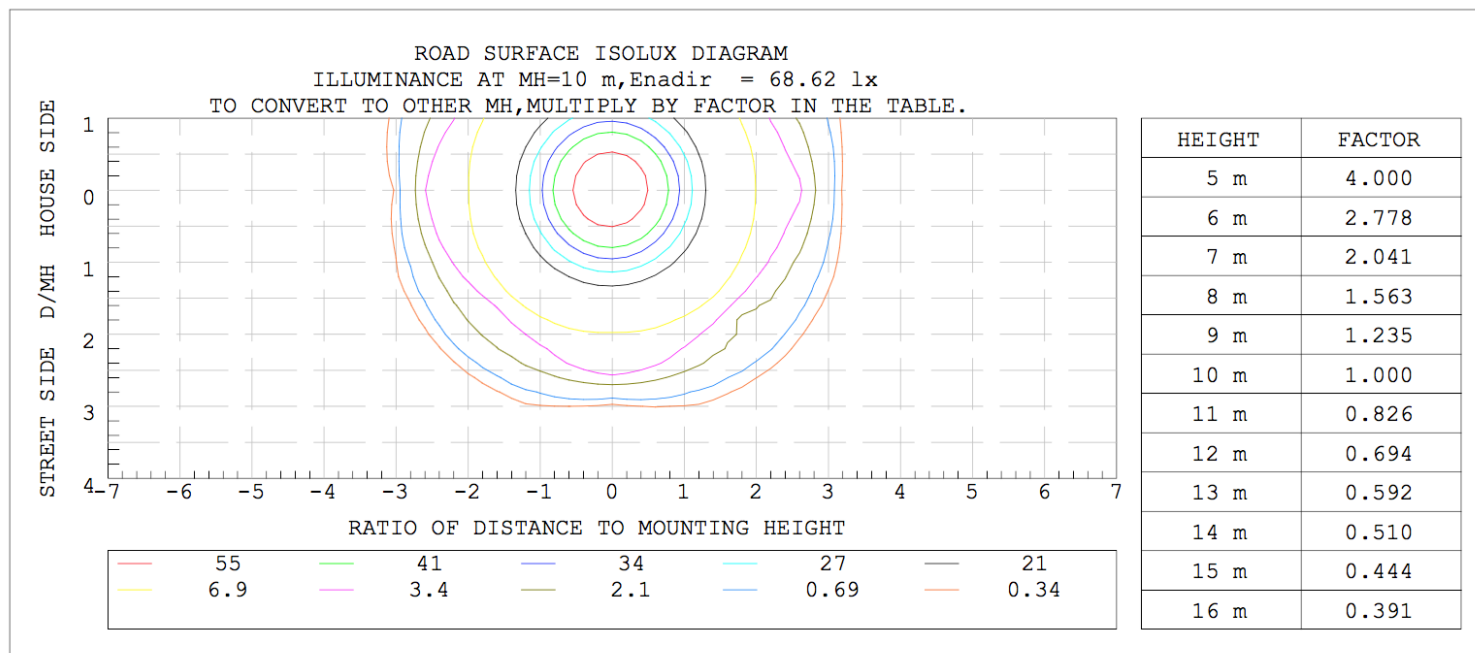


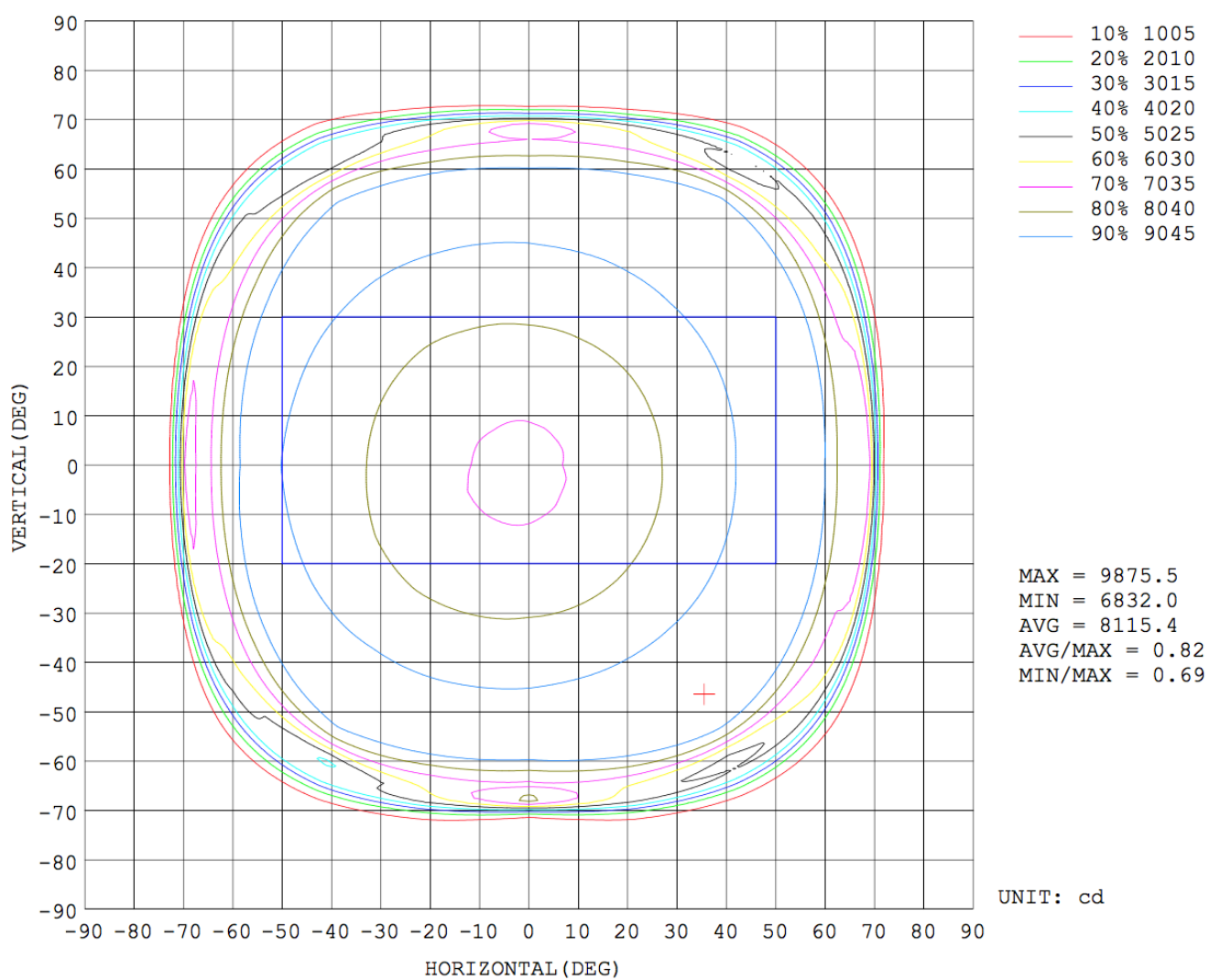
Classification:

IES:Type V - Short
CIE:Broad - Short
IES:Cut-off
CIE:Full cut-off
Max.At80:3.653cd/klm
Max.At90:0.1665cd/klm
Max.80-90:3.653cd/klm

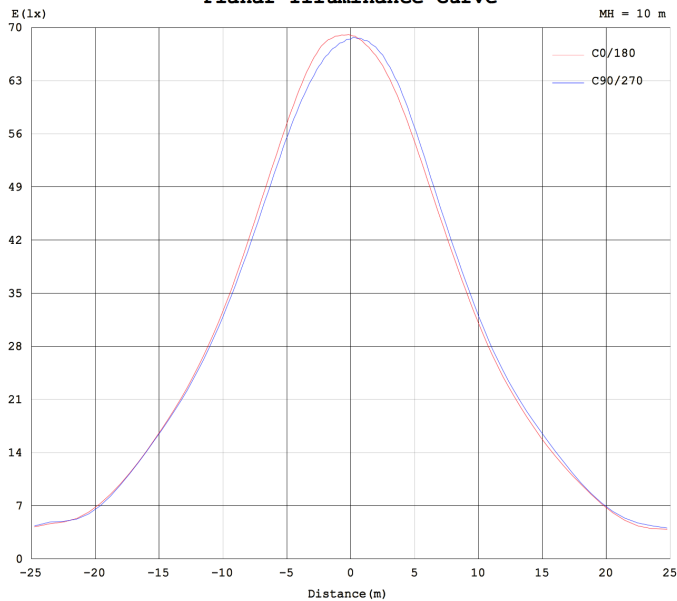
ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	10062
90%	9056
80%	8050
70%	7044
60%	6037
50%	5031
40%	4025
30%	3019
20%	2012
10%	1006
5%	503

PHOTOMETRICS

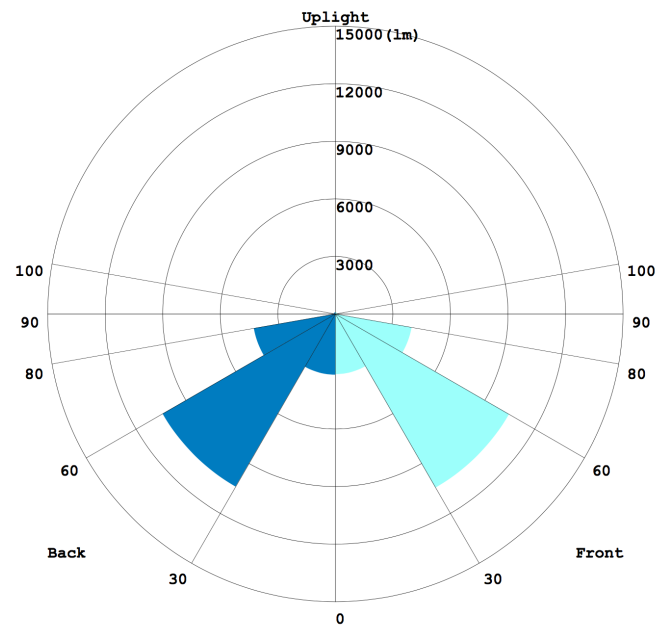




Planar Illuminance Curve



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Improved LED Module design

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

LED Lens

- Type II, Type V, 30x120°
- With small pin 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 tripled than before
- ** Lighter weight
- ** LED Module 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
- ** Great 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 R&D
- ** 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 OPTION



75W



120W/150W

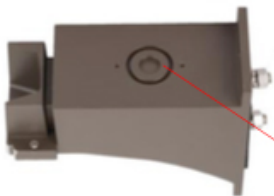


220W



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