CORE

LED FLOOD LIGHT
150W / 277-480V   #FL2-150SF-347

DIMMER COMPATIBLE
for additional power savings

PHOTOCELL COMPATIBLE
provides maximum energy savings

EXTREME TEMPERATURE RANGE
operates in -40°C weather

150 WATTS
with a powerful 14500 lumens output

IP 65 RATED
made for outdoor environments

POLYCARBONATE LENS
to provide strength and safety

LUMILEDS LED CHIPS
means long-lasting 50,000 hour life

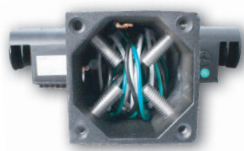c UL us LISTED   RoHS COMPLIANT   LUMILEDS

10
10 YEAR WARRANTY

DESCRIPTION

The FL2-150SF is Core's latest commercial LED flood light with slip fitter that utilizes world-leading chips and drivers to deliver the most reliable fixture available on the market. They are the best solution when you are looking to install lighting fixtures on high walls or poles to illuminate building perimeters, walkways, and landscapes.

MOUNTING DETAILS

Flexible slip fitter mounting, fits poles up to 2 $\frac{3}{8}$" in diameter.

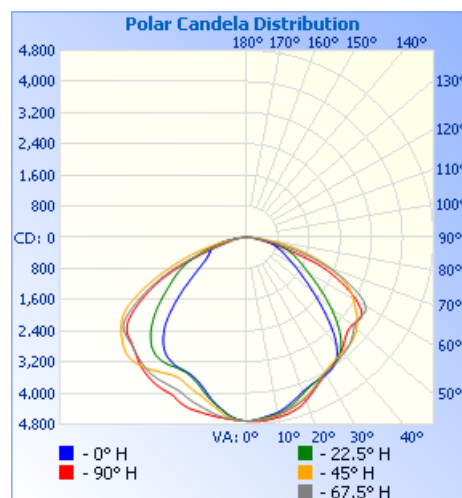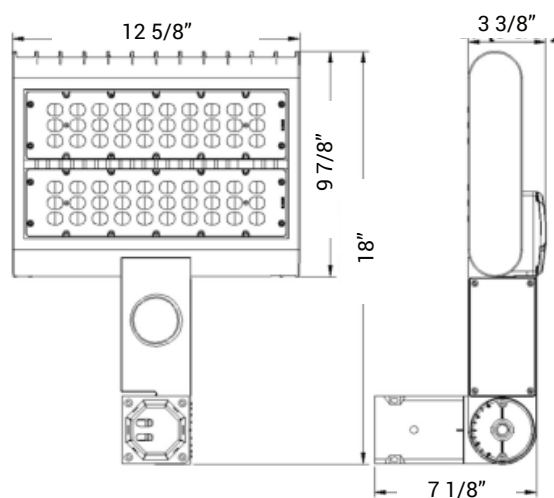## POPULAR APPLICATIONS

BUILDING PERIMETERS   WALKWAYS   EXTERIOR WALLS   PARKING LOTS

Dimensions: 12 5/8", 3 3/8", 9 7/8", 18", 7 1/8"

Polar Candela Distribution

CD: 0
Values: 4,800 / 4,000 / 3,200 / 1,600 / 800 / 0 / 800 / 1,600 / 2,400 / 3,200 / 4,000 / 4,800

Angles: 180° 170° 160° 150° 140° 130° 120° 110° 100° 90° 80° 70° 60° 50° 40°

VA: 0° 10° 20° 30° 40°

- ■ - 0° H
- ■ - 90° H
- ■ - 22.5° H
- ■ - 45° H
- ■ - 67.5° H

Illuminance at a Distance

	Center Beam fc	Beam Width	
17.0ft	16.32 fc	39.7 ft	74.4 ft
34.0ft	4.08 fc	79.4 ft	148.9 ft
51.0ft	1.81 fc	119.1 ft	223.3 ft
68.0ft	1.02 fc	158.8 ft	297.7 ft
85.0ft	0.65 fc	198.5 ft	372.2 ft
102.0ft	0.45 fc	238.2 ft	446.6 ft

- ■ Vert. Spread: 98.8°
- ■ Horiz. Spread: 130.9°

TECHNICAL DATA

LIGHT SPECIFICATIONS

Lumens	**14500**
CCT	**5000K**
CRI	**≥82**
Beam Angle	**90° x 120°**

DRIVER

Brand	**Inventronic**
Driver Type	**Constant Current**

HOURS

Rated Hours	**50,000**

ELECTRICAL

Wattage	**150W**
System Watts	**154.3W**
Input Voltage	**277-480V**
THD	**<10%**

CONSTRUCTION

Housing Material	**Die-cast**
Lens Material	**Polycarbonate**
IP Rating	**IP65**

LED CHIP

Chip Brand	**LUMILEDS**
Chip Type	**SMD**

TEMPERATURE

Minimum Start	**-40°C**
Ambient Temp	**40°C**

DIMENSIONS & WEIGHT

Dimensions	**12 5/8" x 18"**
Weight	**5.9 KGS**

APPROVALS & LISTINGS

cUL	**E473127**
DLC Listed	**N/A**
IESNA	**LM-79**