



OVERVIEW

The FFLA series Flood Lights are high performance LED luminaires with the options of various mounting available. With a low-profile design this aesthetically pleasing luminaire provides improved illumination performance while reducing energy consumption.

APPLICATIONS

FFLA is ideal for illuminating any open-space application, including pathways, large common spaces, and parking lots.

- Limited Warranty: 5 Years
- Efficacy: up to 135 LPW
- Lumen Output: 1,800 L - 7,100 L
- Wattage: 15 W, 30 W, 50 W



Project:

Type:

Prepared By:

Date:

Models

	Model	Watts(W)	Lumens (LM)	Efficacy (LPW)
*Lumen Output based on universal voltage models at 5000K and 4000K.	FFLA15-50	15	1,947	135
	FFLA30-50	30	3,819	132
	FFLA50-50	50	7,048	135
Also available in Color Temperatures of 5700K.	Model	Watts(W)	Lumens (LM)	Efficacy (LPW)
	FFLA15-40	15	1,883	135
	FFLA30-40	30	3,738	132
	FFLA50-40	50	6,844	131

Technical Specifications

Warranty

Paclights warrants these LED products will be free from defects in materials and workmanship for a period of five (5) years from the date of delivery to the end user, including coverage of light output, color stability, driver performance and fixture finish. Please refer to our full warranty.

Qualifications

UL Listed:
E473037

IESNA LM79 & LM-80 Testing:

Paclights LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

DLC Qualification:

Selected models of this product are on the Design Lights Consortium (DLC) Qualified Products List and are eligible for rebates from DLC Member Utilities. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl

Construction

IP Rating:

Ingress Protection rating of IP65 for dust and water

Ambient Temperature:

Suitable for up to 113° F (45° C) ambient temperature

Cold Weather Starting:

The minimum starting temperature is -4° F (-20° C)

Thermal Management:

Superior thermal management with external Air-Flow fins.

Housing:

Aluminum + PC + Steel

Lens:

Polycarbonate

Mounting Methods:

Knuckle Mount Included
(optional) Trunnion Mount (for 30W and 50W only)
(optional) Flood Mount (for 30W and 50W only)

Green Technology:

Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

Finish:

Our environmentally friendly polyester powder coating are formulated from high-durability and long-lasting color, and contains no VOC or toxic heavy metals.

LED Characteristics

Lifespan:

100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

LEDs:

Multi-chip, high-output, long-life LEDs

Color Stability:

LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Temp:

4000 K (neutral white), 5000 K (daylight), 5700 K

Color Uniformity:

Paclights range of CCT follows the guidelines of the American National Standards for the Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANCI c78.377.2011

Color Rendering Index:

>70

Electrical

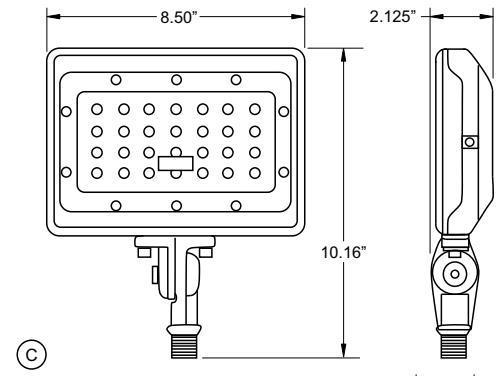
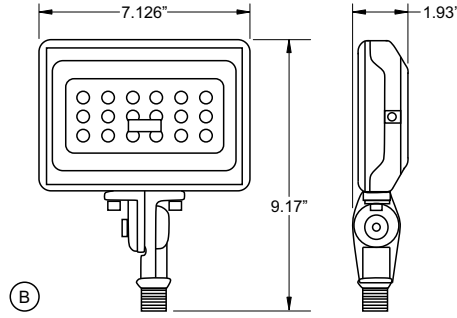
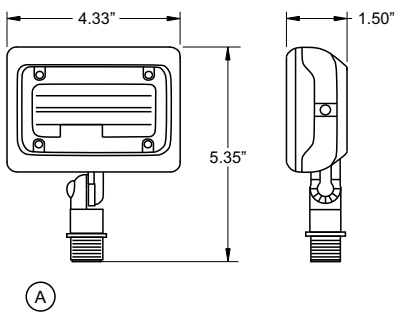
Drivers:

100-277V, 50-60 Hz
Power Factor > 0.90

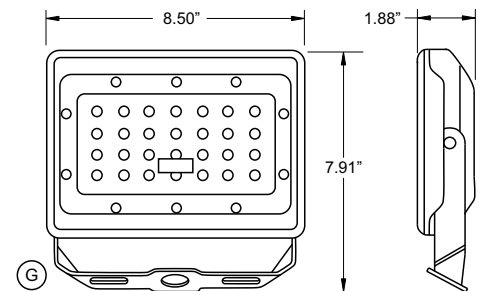
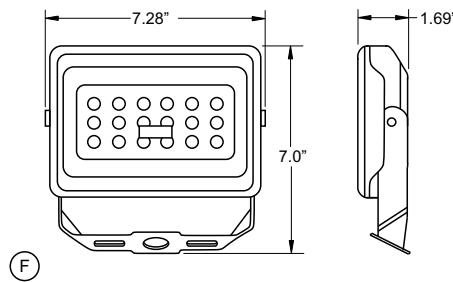
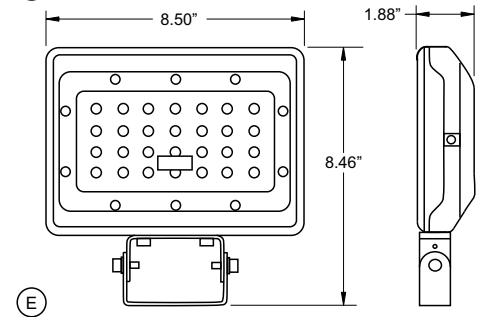
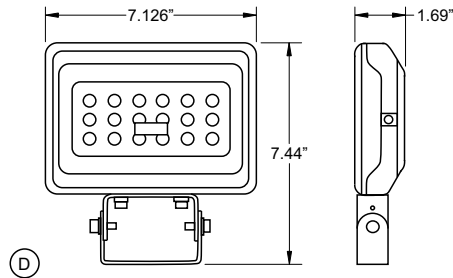
Ordering Matrix

Model	Wattage	Color Temperature	Optional Add-ons
FFLA	50	50	TM
	15 = 15 W	40 = 4000 K	TM = Trunnion Mount for FFLA30/50
	30 = 30 W	50 = 5000 K	FM = Flood Mount for FFLA30/50
	50 = 50 W	57 = 5700 K	

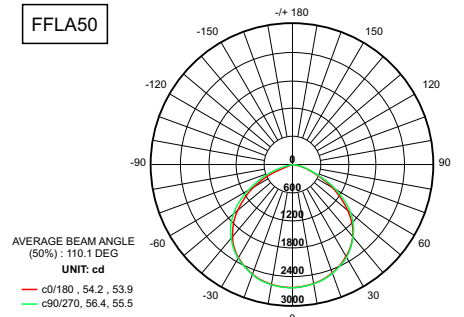
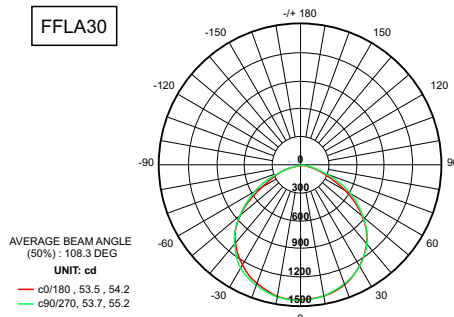
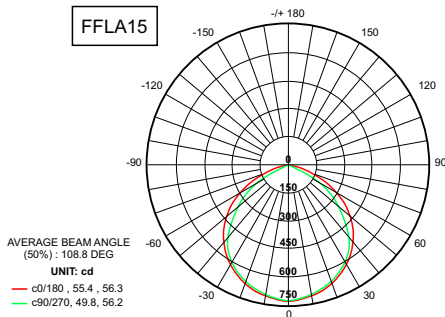
Dimensions



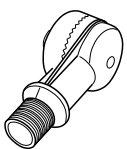
	Model	Mount
A	FFLA15	Knuckle
B	FFLA30	Knuckle
C	FFLA50	Knuckle
D	FFLA30	Trunnion
E	FFLA50	Trunnion
F	FFLA30	Flood
G	FFLA50	Flood



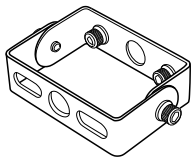
Polar Candela Distribution



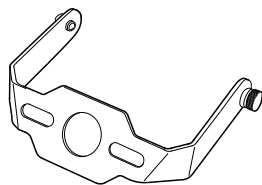
Mounting Options



Knuckle Mount
Included



Trunnion Mount
Optional for 30W and 50W



Flood Mount
Optional for 30W and 50W

Luminous Intensity

Model	10 ft. Distance		14 ft. Distance		17 ft. Distance	
	E avg [fc]	E max [fc]	E avg [fc]	E max [fc]	E avg [fc]	E max [fc]
FFLA15	2.606	7.394	1.466	4.159	.9383	2.662
FFLA30	5.022	14.82	2.825	8.339	1.808	5.337
FFLA50	8.809	27.33	4.955	15.37	3.171	9.840