OVERVIEW

The FFLA Series Area Light is a high performance LED fixture with lumen values ranging from 1947 to 7083. The FFLA Series also comes with the option of choosing from various mounting options.

-Limited Warranty: 5 Years
-E cacy: up to 136.01 LPW
-Lumen Output: 1947 L - 7083 L
-Wattage: 15 W, 30 W, 50 W

APPLICATIONS

This light can be used for indoor and outdoor applications. The FFLA series flood lights fit a broad range of applications.

Project:	Type:
Prepared By:	**Date:**

Models

*Lumen Output based on universal voltage models at 4000K and 5000K.

Also available in Color Temperatures of 5700K.

Model	Watts(W)	Lumens (LM)	E cacy (LPW)
FFLA15-40	15	1947	134.65
FFLA30-40	30	3819	131.64
FFLA50-40	50	7048	134.94

Model	Watts(W)	Lumens (LM)	E cacy (LPW)
FFLA15-50	15	1882.9	134.65
FFLA30-50	30	3736.9	131.64
FFLA50-50	50	6843.7	130.68

UL Listed
E 473037

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: **Lens:**
Aluminum + PC + Steel   Polycarbonate

Mounting Methods:
comes with Knuckle Mount
(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 warrantied to shift no more than 200K in CCT over a 5 year period.

Color Temp:
4000 K (Natural 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
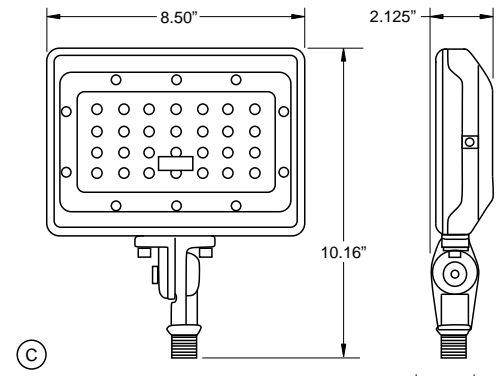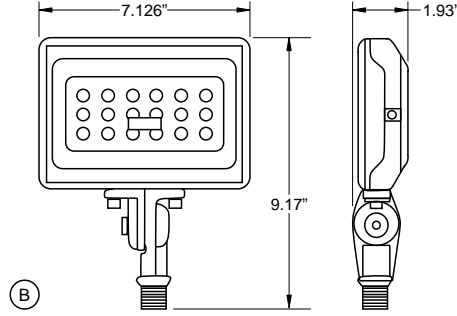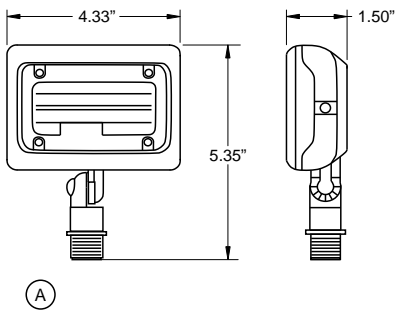
Color Rendering Index:
>70
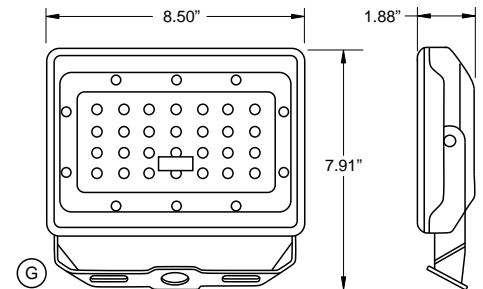
Electrical

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

Ordering Matrix

Model	Wattage		Color Temperature		Optional Add-ons
FFLA	15	–	50	–	TM

15 = 15 W	
30 = 30 W	
50 = 50 W	

40 = 4000 K	
50 = 5000 K	
57 = 5700 K	

TM = Trunnion Mount for FFLA30/50	
FM = Flood Mount for FFLA30/50	

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FFLA Series LED Flood Light

Dimensions

LETTER	Model	Mount
A	FFLA15	Knuckle
B	FFLA30	Knuckle
C	FFLA50	Knuckle
D	FFLA30	Trunnion
E	FFLA50	Trunnion
F	FFLA30	Flood
G	FFLA50	Flood
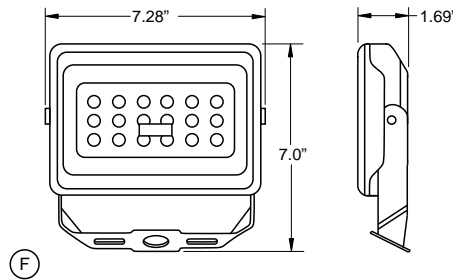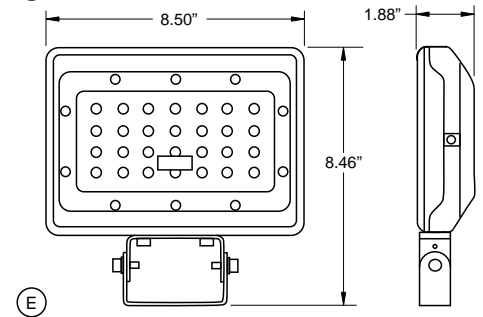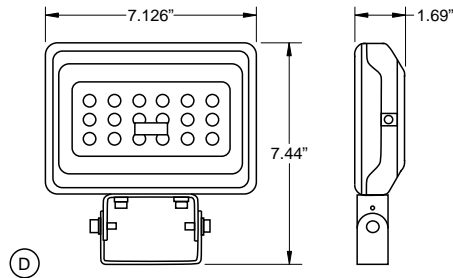
Polar Candela Distribution

FFLA15

AVERAGE BEAM ANGLE (50%) : 108.8 DEG
UNIT: cd
— c0/180 , 55.4 , 56.3
— c90/270, 49.8, 56.2

FFLA30

AVERAGE BEAM ANGLE (50%) : 108.3 DEG
UNIT: cd
— c0/180 , 53.5 , 54.2
— c90/270, 53.7, 55.2

FFLA50

AVERAGE BEAM ANGLE (50%) : 110.1 DEG
UNIT: cd
— c0/180 , 54.2 , 53.9
— c90/270, 56.4, 55.5
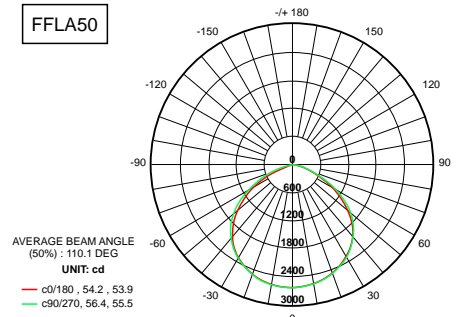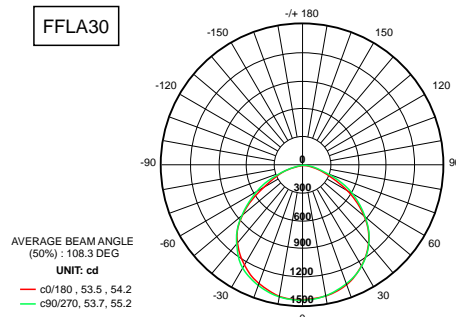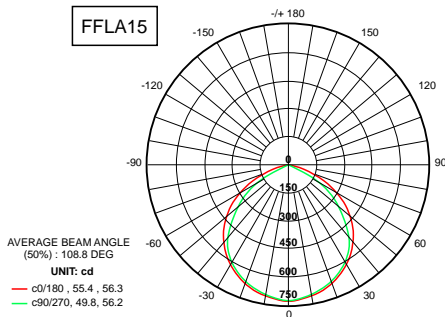
Mounting Options
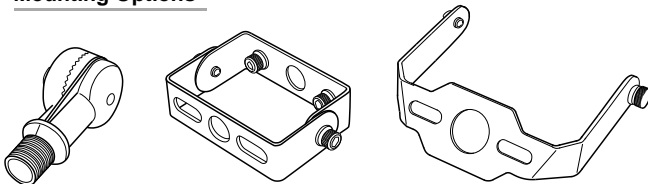
Knuckle Mount
Default

Trunnion Mount
Optional for 30W and 50W

Flood Mount
Optional for 30W and 50W

Luminous Intensity

	10 ft. Mount Distance		14 ft. Mount Distance		17 ft. Mount Distance	
Model	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

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