Alphalite Inc.

PROJECT			
TYPE		DATE	
ITEM NO.			
NOTE			

OUTDOOR LED FLOOD LIGHT

FLWA Series
Flood Luminaires

DESCRIPTION

The FLWA Series LED Slim Flood Light is a high-performance, wet location rated luminaire, It provides significant energy savings while maintaining durability in the field. The lightweight design can be easily installed and is available in a wide range of lumen packages to replace traditional metal halide lighting. Each luminaire features an integral LED driver, potted within a separate compartment to ensure cool operation and longer lifetime.

APPLICATION
The FLWA Series is ideal for parking areas,doorways, pathways, building facades, loading docks, and a wide variety of other large, general site lighting applications. Replace existing HID Flood lights.



5 YEAR WARRANTY

cULus LISTED

Wet Location

Quick Ship Product

SPECIFICATION FEATURES

Construction
The housing is die-cast aluminum, weather-tight LED driver compartment heat sink to obtain the maximum thermal dissipation. Outer surface treated with durable powder coating to provide resistance to corrosion, rust, weathering, and UV degradation.

Mounting
Trunnion and Knuckle mount kit included for FLWA-35A and FLWA-90A, Trunnion and Slip Fitter mount kit included for FLWA-150A.

Electrical
Luminaire utilizes long life, high efficacy LEDs and reliable LED driver. Come standard with 2.5KV to 10KV surge protection. Field-switchable photocell sensor.

Optics
Glass lenses provide clear, more efficient light. It offers a wide NEMA 7x7 distribution pattern, ideal for area, landscape, and building facade lighting. Field-Adjustable CCT and wattage.

Certifications / Regulatory
cULus listed for wet location rated.

Warranty
5-year limited warranty. See complete warranty terms for details.

ORDERING INFORMATION

Sample Number: FLWA-35A/8A-PS

Series	Lumen Package			CRI
FLWA - LED Flood Light	**35A** - 35/20/10W, 4725/2700/1350lm	**90A** - 90/70/50W, 10980/8540/6100lm	**150A** - 150/120/105W, 20250/16200/14175lm	**8** - 80CRI

CCT	Input Voltage	Control Option	Finish	Accessories
A - Adjustable CCT (5000/4000/3000K)	**(Blank)** - 120-277V	**PS** - Switchable Photocell Sensor (Shipped active with bypass capabilities)	**(Blank)** - Bronze **WH** - White	**WG** - Wire Guard **VS** - Vandal Shield

SUMMARY

Input Voltage	100-277V
Input Power	See energy data for details
Power Factor	> 0.9
THD (Max.)	20%
Efficacy	>122LPW
Delivered Lumens	See energy data for details
Controls/ Dimming	Full Range 0-10V dimming standard
Dimming Range	10-100%
CRI	> 80
CCT	5000/4000/3000K adjustable
Operating Temp.	-40°F ~ 104°F (-40°C ~ +40°C)
Rated Life	70,000 hours
IP Grade	Wet location
Surge protection	FLWA-35A: 2.5KV FLWA-90A: 6KV FLWA-150A: 6KV

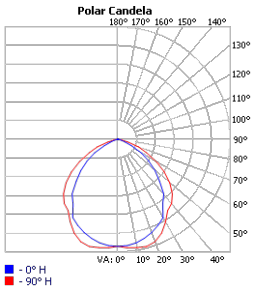
ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
FLWA-35A/8A-PS	35/20/10	4725/2700/1350	135
FLWA-90A/8A-PS	90/70/50	10980/8540/6100	122
FLWA-150A/8A-PS	150/120/105	20250/16200/14175	135

*The delivered lumens above are based on highest wattage and 4000K.
**Default setting at time of shipping are highest wattage and highest CCT.

OPTICS

NEMA 7x7



ACCESSORIES INFORMATION

Wire Guard



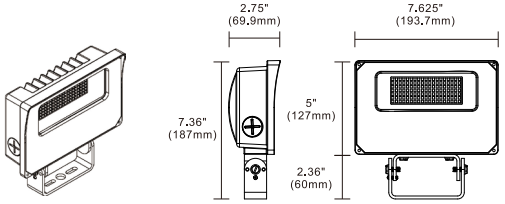
Vandal Shield



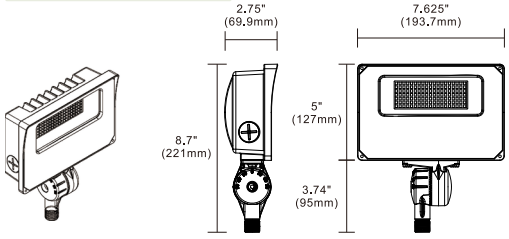
PHYSICAL PARAMETERS

DIMENSION

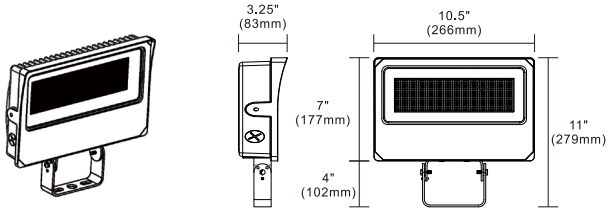
FLWA-30A with Trunnion



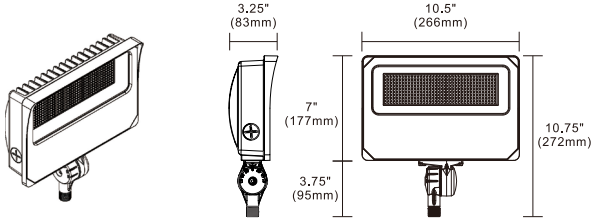
FLWA-30A with Knuckle



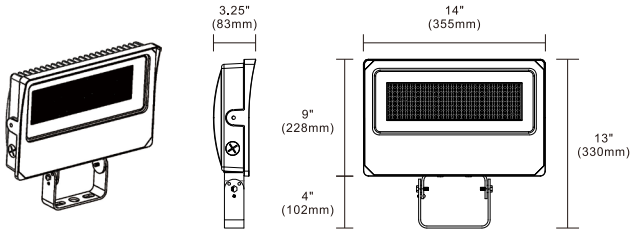
FLWA-90A with Trunnion



FLWA-90A with Knuckle



FLWA-150A with Trunnion



FLWA-150A with Slip Fitter

