



PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

FLW Series - LED SLIM FLOOD LIGHT

FLW Series

Outdoor Luminaire Series

DESCRIPTION

The FLW Series LED Slim Flood Light is a high-performance, IP65-rated luminaire that produces a minimum of 130 lumen per watts, providing significant energy savings while remaining durable 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 from 35W to 200W. Each luminaire features an integral listed driver, potted within a separate compartment to ensure cool operation and longer lifetime.

APPLICATION

The FLW 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/ wall packs.



SPECIFICATION FEATURES

Construction

The housing is die-cast A383 aluminum weather-tight LED driver compartment +6063 aluminum 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. Rated IP65, suitable for wet locations. 4KV surge protection and 1/2" NPT threaded nipple come in standard.

Mounting

Available in knuckle and yoke mounting options for flood lighting, pole, ground applications.

Certifications / Regulatory

UL/cUL listed. All components used have UL approval. IP65 rated.

Electrical

Luminaire utilizes long life, high efficacy LEDs and reliable LED driver. Operating temperatures is -40°F-104°F and 120V-277V input voltage for increased versatility.

Optics

Precision-formed heat-resistant polycarbonate optical lens system reduces glare and improves safety and security by delivering high efficiency illumination with precise optical distribution.

Warranty

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

Quick Ship Product

FLW-12/40K-K
 FLW-12/50K-K
 FLW-12/50K-Y
 FLW-20/40K-K
 FLW-20/50K-K
 FLW-20/50K-Y
 FLW-30/50K-K
 FLW-30/50K-Y
 FLW-50/50K-K
 FLW-50/50K-Y
 FLW-75/40K-K
 FLW-75/50K-K
 FLW-75/50K-Y

ORDERING INFORMATION

Sample Number: **FLW-12/50K-K**

FLW	12	(Blank)	50K	(Blank)	K
Series	Lumen Package	Input Voltage	CCT	Beam Angle	Mounting Option
FLW - LED Slim flood Light	12 - 12W, 150W Quartz/ 35W Metal Halide equivalent 20 - 20W, 250W Quartz/ 50W Metal Halide equivalent 30 - 30W, 300W Quartz/ 150W Metal Halide equivalent 50 - 50W, 600W Quartz/ 175W Metal Halide equivalent 75 - 75W, 800W+ Quartz/ 200W Metal Halide equivalent *See energy data for details	(Blank) - 100V-277V	40K - 4000K 50K - 5000K	(Blank) - 60°X 120°	K - Knuckle Y - Yoke

SUMMARY

Input Voltage	100V-277V
Input Power	See energy data for details
Power Factor	> 0.9
THD (Max.)	20%
Efficacy	> 130 LPW
Delivered Lumens	See energy data for details
CRI	> 80
CCT	4000K, 5000K
Operating Temp.	-40°F ~ 104°F (-40°C ~ +40°C)
Rated Life	70,000 hours
IP Grade	Outdoor, wet locations, IP65 rating
Surge protection	4KV

ENERGY PERFORMANCE DATA

Part No.	Rated Wattage (W)	Delivered Lumens (lm)	Efficacy (lm/W)
FLW-12	12	1400	117
FLW-20	20	2400	120
FLW-30	30	4200	140
FLW-50	50	6700	134
FLW-75	75	9250	123

MOUNTING INFORMATION

Knuckle Mount



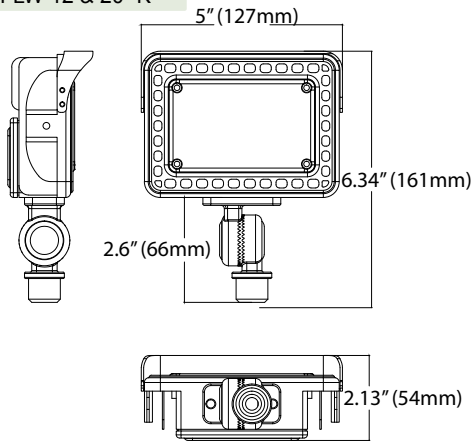
Yoke Mount



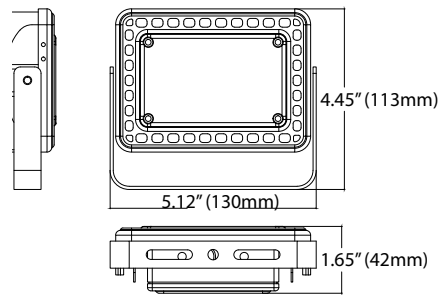
PHYSICAL PARAMETERS

DIMENSION

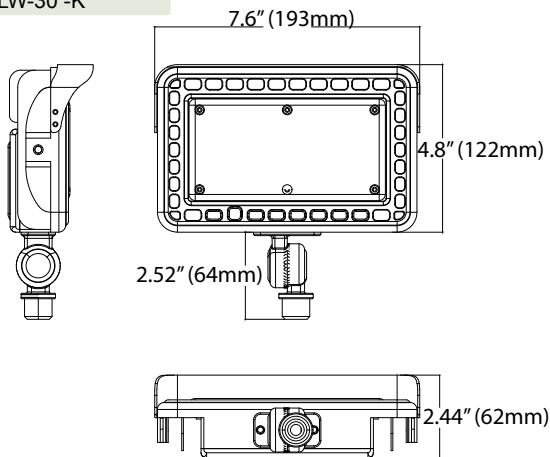
FLW-12 & 20 -K



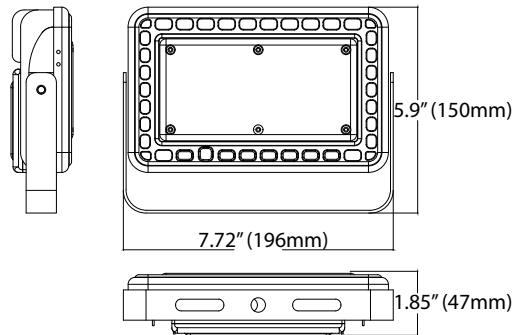
FLW-12 & 20 -Y



FLW-30 -K

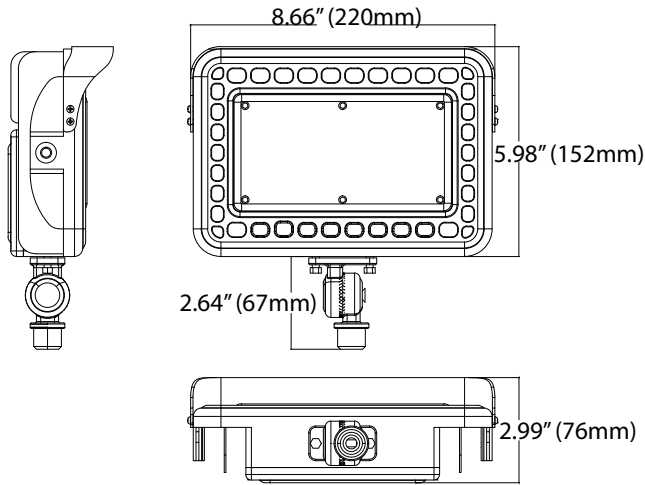


FLW-30 -Y

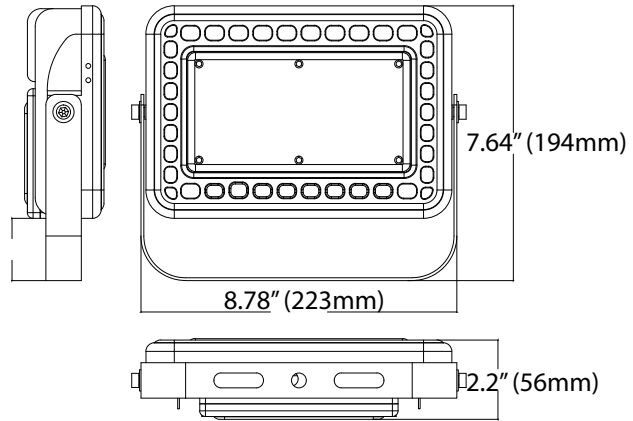


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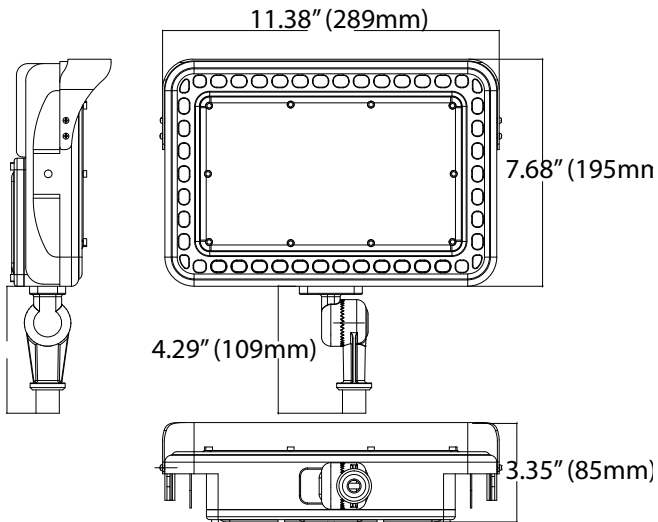
FLW-50 -K



FLW-50 -Y



FLW-75 -K



FLW-75 -Y

