FX2 LED
FLOOD LIGHT

Ordering Guide

Example: FX2 160 T A S W A 3 E DA S

Product Code	FX2	LEDGINE LED Flood Light	
LED BOARDS	160 128	160 LED'S 128 LED's	
Mounting	T	Tenon Mount (1.5"- 2.375" O.D.)	
Finish	A B H I J	Black White Bronze Gray Green	
Distribution	S N M W H F	Spot Narrow Medium Wide Horizontal Forward Throw	
Color Temperature	W N C	3000K 4000K 5700K	
Voltage	A B	120-277 VAC 347-480 VAC	 *1
Drive Current	3 5	350 mA 530 mA	
Photo Control	E H K N	120 VAC Button Eye 208/240/277 VAC Button Eye 347V Button Eye None	
Dimming Control	DA DB DC DD DE DF DG DH DJ DZ N	4 Hrs 25% Reduction 4 Hrs 50% Reduction 4 Hrs 75% Reduction 6 Hrs 25% Reduction 6 Hrs 50% Reduction 6 Hrs 75% Reduction 8 Hrs 25% Reduction 8 Hrs 50% Reduction 8 Hrs 75% Reduction Custom Dimming Schedule None	*2 *2 *2 *2 *2 *2 *2 *2 *2 *2
Surge Suppression	S A	Standard Built In <3kV Additional 10kV/10kA	

*1 B Voltage not available with dimming.
*2 If using dimming in conjunction with a motion sensor consult factory

Specifications

APPLICATIONS:
This LED Flood Light has a sleek design with precision injection molded optics. Six different optic plates provide versatility for use in many outdoor lighting applications.
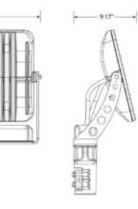
CONSTRUCTION:
The housing is constructed of low copper die-cast aluminum with a sleek contemporary design and low EPA. The housing is a unique thermal dissipating design with wide channels that allow for natural removal of dirt and debris. The six different precision designed, injection molded optic plates and three mounting options provide versatility for use in many outdoor lighting applications. The tempered glass lens is held in place with a low copper die cast aluminum lens frame and stainless steel hardware. The optics chamber is IP66 rated and uses an IP67 rated Anti-Wicking connector that is removable and flexible. The flood light is rotatable in 10 degree increments. 180 Degrees backward and 90 degrees forward.

MOUNTING:
The FX2 has one mounting option, Tenon Mount. The tenon mount option includes a cast aluminum adaptor, cast from low-copper aluminum allow for mounting to a 1.5" to 2.375" O.D. vertical tenon. The FX2 utilizes a dual clamp mounting system made from HSLA steel that is zinc plated to protect against corrosion. The FX2 is field rotatable by 10 degree increments (180 degrees backward and 90 degrees forward) on a yoke which is formed from a 1/4" thick, laser-cut aluminum sheet.

PHILIPS

GARDCO

LED SPECIFICATIONS:

Refer to IES files for energy consumption and delivered lumens for each option. Based on in-situ thermal testing and data from Philips Lumileds and Philips Advance, expected to reach 80,000 hours with >L70 lumen maintenance @ 25°C. The Philips LEDGINE uses Philips Lumileds Rebel LEDs. Color temperatures available are ANSI Bins 3000K, 4000K, and 5700K CCT. Multiple distributions are available including Spot, Narrow, Medium, Wide, Horizontal and Forward Throw. 128 and 160 LED board options are available.

ELECTRONIC DRIVER:

Integral Philips Lighting Electronics Advance XITANIUM LED drivers. Standard drivers provide universal voltage from 120-277VAC, 50-60Hz. All XITANIUM LED drivers are RoHS compliant. The LED drivers have <3kV surge suppression built in, 10kV is an additional option (see Ordering Guide). IP66 rated. Multiple drive currents are avialable see ordering guide for options.

FINISH:

Thermoset polyester powdercoat is electrostatically applied after a five-stage conversion cleaning process and bonded by heat fusion thermosetting. Laboratory tested for superior weatherability and fade resistance in accordance with ASTM B117 specifications. Powdercoat is 3.0 - 6.0 mil thickness. Textured finish

OPTIONS:

Optional integral surge suppression device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground. Enclosure for surge suppression device is constructed of high temperature, flameproof material with an 85°C maximum surface temperature rating. The device consists of a thermally protected transient overvoltage circuit and is designed for use with universal voltage ballasts and drivers.Custom 0-10V dimming schedule (DZ) is available by contacting the factory. As an alternative, Wireless Controls options are also available - contact the factory for details.

IP RATING:

The LED driver is IP66 rated. The LED optics chamber is IP66 rated.

CERTIFICATIONS:

Vibration tested to ANSI C136.31 for Normal Applications. UL8750 and UL1598 compliant. ETL listed to U.S. safety standards for wet locations. cETL listed to Canadian safety standards for wet locations. Manufactured to ISO 9001:2008 Standards. Luminaire photometric testing performed in accordance with IESNA LM-79 guidelines. Photometric .ies files that include "LM79" in the file name are verified by an independent NVLAP accredited lab. LEDs tested by an ISO 17025-2005 accredited lab in accordance with IESNA LM-80 guidelines in compliance with EPA ENERGY STAR, extrapolations in accordance with IESNA TM-21.

WARRANTY:

5 year extended warranty

AWARDS & RECOGNITIONS:

Buy American and ARRA Compliant - commercially available off-the-shelf (COTS) product proudly designed and Made in the U.S.A.

ACCESSORIES:

There are several accessories available. Twin, Triple and Quad Mount Bull Horns, and Wall Mount. Glare Shield and Vandal Sheild. See Attached spec sheets for details.

Width:
9.17"

Height :
24.58"

Length:
30.36"

EPA:
2.9 sq ft

Max. Weight:
45 lbs

IESNA Classifications:
See IES Files

ISO 9001:2008 Registered