Project: Type: Date: Notes:

Flood Lighting

FL-LED



The FL-LED Series is a high-efficiency floodlight family designed with a wide beam distribution for versatile general-area illumination. FL2 and FL3 fixture models feature integrated photocell, selectable wattage and colour temperature settings, giving customers the flexibility to customize light output and appearance to suit their specific application. Ideal for building facades, patios, yards, landscape lighting, and sign illumination when mounted with an arm.

IDEAL APPLICATIONS

- Building Facades
- Patios & Yards
- Landscape Lighting
- Sign Lighting

SPECIFICATIONS

	FL1-LED16	FL2-LED30A15	FL3-LED50A30
PERFORMANCE			
Light Output	1900 lm	Lumen Selectable	
		4700/3200/2400 lm	7700/6200/4700 lm
Efficacy	147 lm/W	157 lm/W	154 lm/W
CCT	4000K, 5000K	3000/4000/5000K (CCT Selectable)	
Beam Distribution	Wide - NEMA 7H X 7V		
B-U-G Rating	1-0-0	2-2-1	3-2-1
Replaces Up to	150W Quartz	250W Quartz	500W Quartz
LED Lifetime (L80)	>100,000 Hrs		
CRI	73	77	
ELECTRICAL			
Wattage	15 W	30/20/15 W	50/40/30 W
Voltage	120-277 V		
Surge Protection	2 kV		
Power Factor	> 0.9		
THD	< 15 %		
Cord	**Yoke:** Pre-installed 1' 300V Power Cable (3x18 AWG), 1' Dimming Cable (2x18 AWG) **Knuckle:** Pre-installed 6" of individual wires	**Yoke:** Pre-installed 3' 300V Power Cable (3x18 AWG), 3' Dimming Cable (2x18 AWG) **Knuckle:** Pre-installed 6" of individual wires	
CONSTRUCTION			
Housing	Die-cast Aluminum		
Paint	Weather and Corrosion-resistant polyester powder coat finish		
Lens	Polycarbonate Lens		
Weight	1.10 lbs	2.80 lbs	5.10 lbs
Mounting Type	Yoke Mount, Knuckle Mount		
AMBIENT OPERATING TEMPERATURE			
-40°C to 45°C (-40°F to 113°F)			
CERTIFICATIONS			
cULus Listed for Canada and USA, per UL 1598, CSA C22.2 No. 250.0:21, DLC, IP65			
CONTROLS			
Dimming	0-10V (10% to 100% Dimming, Dim to Off)		
Sensor	None	Integral Photocell (Standard)	

Note: Electrical and light performance data is based on LM79 test reports, measured at maximum wattage, 4000K, and 120V.

DLC Premium applies to FL2 and FL3 only

LUMEN MAINTENANCE		
L90	**L80**	**L70**
> 50,000 hours	>100,000 hours	>100,000 hours

Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 calculations.

MAXIMUM AMPERAGE DRAW (A)			
VOLTAGE	**FL1-LED16**	**FL2-LED30A15**	**FL3-LED50A30**
120 V	0.13	0.26	0.44
208 V	0.08	0.15	0.25
240 V	0.07	0.13	0.22
277 V	0.06	0.11	0.19

ORDERING GUIDE – FLOOD LIGHTS

		B			DIM		
Fixture	**Wattage**	**Voltage**	**Colour Temp.**	**Finish**	**Dimming**	**Controls**	**Mounting**
FL1	LED16	B - 120-277V[1]	4K - 4000K[3]	BRZ - Bronze[1]	DIM - 0-10V Dimming	Blank[3]	KN - Knuckle
FL2	LED30A15		5K - 5000K[3]	CST - Custom Finish		PC - Photocontrol[2]	YK - Yoke
FL3	LED50A30		VK - Colour Selectable (3000K/ 4000K/5000K)[2]				

ORDERING GUIDE – SIGN LIGHT

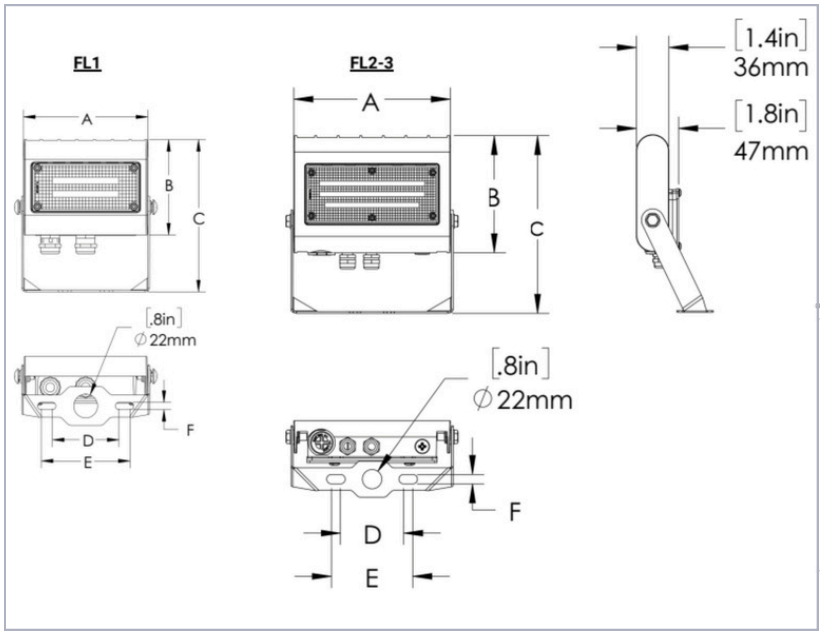
		B					
Fixture	**Wattage**	**Voltage**	**Colour Temp.**	**Finish**	**Controls**	**Mounting**	**Arm**
FL1	LED16	B - 120-277V[1]	4K - 4000K[3]	BRZ - Bronze[1]	Blank[3]	KN - Knuckle	ARM1
FL2	LED30A15		5K - 5000K[3]	CST - Custom Finish	PC - Photocontrol[2]		ARM2
FL3	LED50A30		VK - Colour Selectable (3000K/ 4000K/5000K)[2]				ARM3
							ARM5

[1]Standard Configuration
[2]Only available with FL2-3
[3]Only available with FL1
Default Setting: Maximum Wattage and 4000K. Photocell ON for FL2/FL3

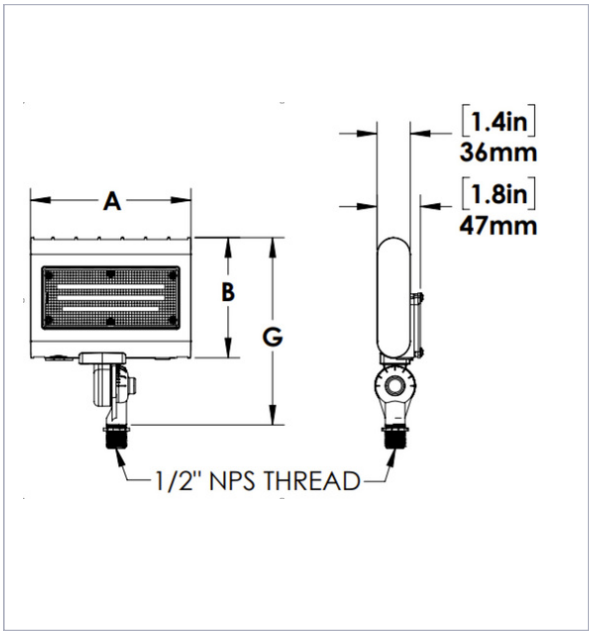
STOCKCODE	DESCRIPTION
082971	FL1-LED16-B-4K-BRZ-DIM-KN
082972	FL1-LED16-B-4K-BRZ-DIM-YK
085300	FL2-LED30A15-B-VK-BRZ-DIM-PC-KN
085301	FL2-LED30A15-B-VK-BRZ-DIM-PC-YK
085500	FL3-LED50A30-B-VK-BRZ-DIM-PC-KN
085501	FL3-LED50A30-B-VK-BRZ-DIM-PC-YK

DIMENSIONS

YOKE MOUNT



KNUCKLE MOUNT



DIMENSIONS

Model	Width (A)	Height (B)	Height with Yoke (C)	Yoke Hole - Inner Distance (D)	Yoke Hole - Outer Distance (E)	Yoke Hole - Height (F)	Height With Knuckle (G)
FL1	4.4in (112mm)	3.4in (86mm)	5.4in (137mm)	2.4in (60mm)	3.2in (80mm)	0.3in (7mm)	5.73in (145mm)
FL2	6.8in (173mm)	5.1in (130mm)	7.8in (197mm)	2.8in (79mm)	3.5in (90mm)	0.4in (11mm)	8. 0in (203mm)
FL3	8.7in (221mm)	6.1in (156mm)	8.9in (227mm)	3.5in (90mm)	5.1 in (130mm)	0.4in (10mm)	9.0in (228mm)