









PROJECT NAME:	CATALO	OG #:
NOTES:	_ DATE: _	

# BLS-FLD FLOOD LIGHT

BLS-FLD Flood Light low-profile and stylish exterior design can be well integrated into various architectural environments. Available in four sizes and multiple lumen packages from 15W-120W, this product also achieve up to 150lm/W efficiency. Reliable IP65 structural design, BLS-FLD is very suitable for general flood lighting of courtyards, driveways, buildings, signage, flag poles and billboards.

#### SPECIFICATIONS FEATURES

**Color Temperature Tuning:** Capable of delivering 3000K, 4000K & 5000K color temperatures

**Construction**: Die-cast aluminum optimize the best heat dissipation management as the main part of the fixture, which effectively improves the LED efficiency. Durable surface coating powder spraying and fully sealed tempered glass can extend the durability of the fixture.

**Lens:** The heat-resistant and impact-resistant toughened glass maximizes light extraction while obtaining a great night appearance.

Installation: 1/2" NPS Knuckle, Slipfitter, Trunnion and Yoke are all available.

Controls: Photocell optional.

**CRI:** 70

Voltage: 120-277V

Optics: NEMA Type 7 (7H x7V)

Lifespan: Estimated 50,000 Hour based on IES LM-80 results and TM-21

calculations.

**Operating Temperature:** -40°C to 40°C (-40°F - + 104°F). Note: Operating with emergency battery temperature range: 10°C to 40°C (+50°F - + 104°F)

Power Factor: > 0.90, THD <20%

**Listings:** cULus, IP66, Suitable for Wet location, RoHS compliant, Meets LM-79 LM-80 Standards. DesignLights Consortium® (DLC) Qualified Product: Unless noted, not all versions of this product may be DLC® qualified. For a complete list of Lumecon DLC® Qualified Products visit: www.designlights.org.

Warranty: 5 year warranty

**ORDERING GUIDE** 

NOTE- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at  $25^{\circ}C(\pm 5^{\circ}C)$  specifications subject to change without notice.



SAMPLE: BLS-FLD-27-1-ADJ-D-PC-TR-B77

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MODEL	WATTAGE	VOLTAGE	сст	FINISH	PHOTOCELL	MOUNTING	NEMA
BLS-FLD	<b>15</b> 15W, 12W, 10W, 6W	<b>1</b> 120-277V	ADJ Adjustable	<b>D</b> Dark Bronze	PC¹ 120-277V	TR <sup>2</sup> Trunnion	<b>B77</b> 7Hx7V
	<b>27</b> 27W, 20W, 15W, 11W		Color Temperature	CC Custom Color*		KN <sup>2</sup> Knuckle	
	<b>40</b> 40W, 29W, 21W, 14W			*Minimum order of		YK³ Yoke	
	<b>65</b> 65W, 54W, 41W, 27W			100 for custom color		SP <sup>3</sup> Slipfitter	
	<b>90</b> 90W, 68W, 50W, 22W						
	<b>120</b> 120W, 98W, 71W, 52W						

NOTE:

1. PC 120-277V Included with Cap if not needed 2. 15W,27W,40W,65W only suitable for knuckle and trunnion. 3. 85W,120W only suitable for slipfitter and yoke



### STRUCTURAL DESIGN





1/2" Knuckle Mount (15W/27W/40W/65W)



Trunnion Mount (15W/27W/40W/65W)

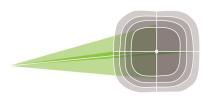


Slipfitter Mount (85W/120W)



Yoke Mount (85W/120W)

#### **PHOTOMETRICS**



NEMA Type 7 (7H x7V)



### **PERFORMANCE DATA**

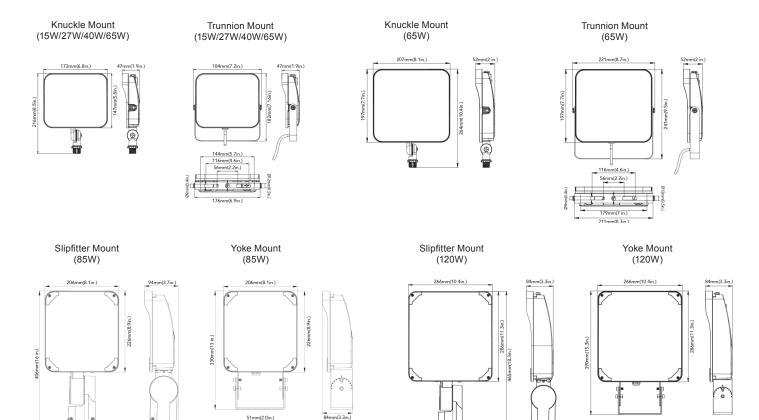
SYSTEM WATTS	VOLTAGE	DIST.TYPE	CRI	LUMENS (3000K)	LPW (3000K)	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
15W	120-277V	7Hx7V	70	2050lm	137 lm/W	2100lm	140 lm/W	2100lm	140 lm/W
27W	120-277V	7Hx7V	70	3500lm	130 lm/W	3600lm	133 lm/W	3600lm	133 lm/W
40W	120-277V	7Hx7V	70	5700lm	143 lm/W	5800lm	145 lm/W	5800lm	145 lm/W
65W	120-277V	7Hx7V	70	9200lm	142 lm/W	9400lm	145 lm/W	9400lm	145 lm/W
85W	120-277V	7Hx7V	70	12000lm	141 lm/W	12500lm	147 lm/W	12500lm	147 lm/W
120W	120-277V	7Hx7V	70	17500lm	146 lm/W	18000lm	150 lm/W	18000lm	150 lm/W

## **ELECTRICAL LOAD**

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
	230	15	120	0.13
		15	208	0.07
1		15	240	0.06
		15	277	0.05
	450	27	120	0.23
1		27	208	0.13
ı		27	240	0.11
		27	277	0.10
	680	40	120	0.33
4		40	208	0.19
1		40	240	0.17
		40	277	0.14
	980	65	120	0.54
		65	208	0.31
1		65	240	0.27
		65	277	0.23
	730	85	120	0.75
		85	208	0.43
1		85	240	0.38
		85	277	0.32
1	960	120	120	1.00
		120	208	0.58
		120	240	0.50
		120	277	0.43



### **DIMENSIONS**



Ø14mm(0.6in.)

Ø11mm(0.4in.)