

DESCRIPTION

The FXL Series universal switchable floodlights deliver powerful, energy-efficient illumination with enhanced flexibility. Featuring field-switchable color and power, the FXL adapts seamlessly to a wide range of applications with lumen packages from 650 to 12,350 lumens (See [FXL 150-500W](#) spec for lumen packages up to 76,040 lumens). Precision-designed optics are field-switchable between 55°, 75°, and 90° to allow tailored light distribution for everything from narrow pathways to wide building facades. With both a knuckle and yoke mount included, the FXL simplifies installation across landscaping, walkways, long docks, signage, and a variety of outdoor spaces requiring robust flood lighting. Engineered for longevity, the FXL boasts a rated life of 100,000 hours and efficacies up to 160 lumens per watt. The FXL series is your go-to solution for maximizing performance, energy savings, and eligibility for utility rebates—all in one rugged, high-performing fixture.

SPECIFICATIONS

Construction:

- Die-cast aluminum housing in a bronze powder coated finish
- Clear tempered glass lens
- Integral heat sink maximizes heat dissipation for longer LED life
- Knuckle and yoke mounts included
- Power level and CCT dip switches located on back of housing
- 6' Three conductor whip for building power supply
- 6' Two conductor whip for 0-10V dimming wires

Optics/LEDs:

- Field-switchable distribution between 55°, 75°, and 90°, switch located on top of housing
- 20W-80W models offer lumen packages from 650 - 12,350 lm (See [FXL 150-500W](#) spec for lumen packages up to 76,040 lm)
- Efficacies up to 160 Lm/W
- Easily field-switchable between 3000K, 4000K and 5000K CCT
- L70 >100,000 hours
- L90 >50,000 hours
- CRI >80

Electrical:

- 120-277VAC, 50/60Hz
- 0-10V Dimming driver
- Power Factor ≥ 0.90
- Integral on/off photocontrol standard, located on back of housing

Installation:

- Fixture comes standard with knuckle mount and yoke mount
- Coin plugs on back of housing provide ease of access to dip switches for power and CCT selectability and photocell
- Switch on top of housing for distribution selection

Testing & Compliance:

- cULus Listed for Wet Locations
- IP65 Rated
- DesignLights Consortium® (DLC) PREMIUM Qualified

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____



Specs at a Glance			
Model	FXL-20	FXL-35	FXL-80
Wattage (W)*	5W-10W-15W-20W (Switchable)	15W-25W-30W-35W (Switchable)	50W-60W-70W-80W (Switchable)
Lumens (lm)	650-2,840	2,075-4,740	6,700-12,350
Efficacy (LPW)	Up to 160		
Distribution	55°, 75°, 90°		
Mounting	Knuckle and Yoke Included		
CCT (K)	3000K-4000K-5000K (Switchable)		
CRI	≥80		
Input Voltage	120-277VAC 50/60Hz		
Operating Temp	-40°C to 50°C (-40°F to 122°F)		
Certifications	cULus Listed for Wet Locations, DLC PREMIUM, IP65		
Warranty	5 Years		

* Nominal Wattage. Tested at 3000K CCT, 123Lm/W.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

ORDERING INFORMATION (Example: FXL-20-VS-CP-BR)

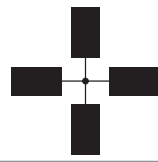
 See [FXL 150-500W](#) spec for lumens packages up to 76,040 lumens

Series	Wattage	Input Voltage	CCT & Power Control	Finish
FXL	20 = 5W-10W-15W-20W 35 = 15W-25W-30W-35W 80 = 50W-60W-70W-80W	VS = 120-277VAC	CP = Color & Power Switchable	BR = Bronze

PERFORMANCE DATA

Model	Wattage	CCT	Distribution	Lumens	LPW	CRI	DLC Classification
FXL-20-CP-BR-PC (5W, 4000K, 55°)	5W	4000K	55°, NEMA 6 H x 6 V	695	139	80	Architectural Flood and Spot Luminaires (PREMIUM) Outdoor Pole/Arm-Mounted Area and Roadway Luminaires (PREMIUM)
FXL-20-CP-BR-PC (5W, 4000K, 75°)	5W	4000K	75°, NEMA 6 H x 6 V	720	144	80	
FXL-20-CP-BR-PC (5W, 4000K, 90°)	5W	4000K	90°, NEMA 7 H x 6 V	750	150	80	
FXL-20-CP-BR-PC (10W, 4000K, 55°)	10W	4000K	55°, NEMA 6 H x 6 V	1390	139	80	
FXL-20-CP-BR-PC (10W, 4000K, 75°)	10W	4000K	75°, NEMA 6 H x 6 V	1440	144	80	
FXL-20-CP-BR-PC (10W, 4000K, 90°)	10W	4000K	90°, NEMA 7 H x 6 V	1500	150	80	
FXL-20-CP-BR-PC (15W, 4000K, 55°)	15W	4000K	55°, NEMA 6 H x 6 V	2085	139	80	
FXL-20-CP-BR-PC (15W, 4000K, 75°)	15W	4000K	75°, NEMA 6 H x 6 V	2160	144	80	
FXL-20-CP-BR-PC (15W, 4000K, 90°)	15W	4000K	90°, NEMA 7 H x 6 V	2250	150	80	
FXL-20-CP-BR-PC (20W, 4000K, 55°)	20W	4000K	55°, NEMA 6 H x 6 V	2600	130	80	
FXL-20-CP-BR-PC (20W, 4000K, 75°)	20W	4000K	75°, NEMA 6 H x 6 V	2880	144	80	
FXL-20-CP-BR-PC (20W, 4000K, 90°)	20W	4000K	90°, NEMA 7 H x 6 V	2900	145	80	
FXL-35-CP-BR-PC (15W, 4000K, 55°)	15W	4000K	55°, NEMA 6 H x 6 V	2075	138	80	
FXL-35-CP-BR-PC (15W, 4000K, 75°)	15W	4000K	75°, NEMA 6 H x 6 V	2260	151	80	
FXL-35-CP-BR-PC (15W, 4000K, 90°)	15W	4000K	90°, NEMA 7 H x 6 V	2300	153	80	
FXL-35-CP-BR-PC (25W, 4000K, 55°)	25W	4000K	55°, NEMA 6 H x 6 V	3400	136	80	
FXL-35-CP-BR-PC (25W, 4000K, 75°)	25W	4000K	75°, NEMA 6 H x 6 V	3760	150	80	
FXL-35-CP-BR-PC (25W, 4000K, 90°)	25W	4000K	90°, NEMA 7 H x 6 V	3800	152	80	
FXL-35-CP-BR-PC (30W, 4000K, 55°)	30W	4000K	55°, NEMA 6 H x 6 V	4000	133	80	
FXL-35-CP-BR-PC (30W, 4000K, 75°)	30W	4000K	75°, NEMA 6 H x 6 V	4260	142	80	
FXL-35-CP-BR-PC (30W, 4000K, 90°)	30W	4000K	90°, NEMA 7 H x 6 V	4300	143	80	
FXL-35-CP-BR-PC (35W, 4000K, 55°)	35W	4000K	55°, NEMA 6 H x 6 V	4500	129	80	
FXL-35-CP-BR-PC (35W, 4000K, 75°)	35W	4000K	75°, NEMA 6 H x 6 V	4850	139	80	
FXL-35-CP-BR-PC (35W, 4000K, 90°)	35W	4000K	90°, NEMA 7 H x 6 V	4900	140	80	
FXL-80-CP-BR-PC (50W, 4000K, 55°)	50W	4000K	55°, NEMA 6 H x 6 V	7400	148	80	
FXL-80-CP-BR-PC (50W, 4000K, 75°)	50W	4000K	75°, NEMA 6 H x 6 V	8000	160	80	
FXL-80-CP-BR-PC (50W, 4000K, 90°)	50W	4000K	90°, NEMA 7 H x 6 V	8100	162	80	
FXL-80-CP-BR-PC (60W, 4000K, 55°)	60W	4000K	55°, NEMA 6 H x 6 V	8800	147	80	
FXL-80-CP-BR-PC (60W, 4000K, 75°)	60W	4000K	75°, NEMA 6 H x 6 V	9550	159	80	
FXL-80-CP-BR-PC (60W, 4000K, 90°)	60W	4000K	90°, NEMA 7 H x 6 V	9600	160	80	
FXL-80-CP-BR-PC (70W, 4000K, 55°)	70W	4000K	55°, NEMA 6 H x 6 V	10150	145	80	
FXL-80-CP-BR-PC (70W, 4000K, 75°)	70W	4000K	75°, NEMA 6 H x 6 V	11000	157	80	
FXL-80-CP-BR-PC (70W, 4000K, 90°)	70W	4000K	90°, NEMA 7 H x 6 V	11200	160	80	
FXL-80-CP-BR-PC (80W, 4000K, 55°)	80W	4000K	55°, NEMA 6 H x 6 V	11600	145	80	
FXL-80-CP-BR-PC (80W, 4000K, 75°)	80W	4000K	75°, NEMA 6 H x 6 V	12600	158	80	
FXL-80-CP-BR-PC (80W, 4000K, 90°)	80W	4000K	90°, NEMA 7 H x 6 V	12800	160	80	

FIXTURE EPA VALUES

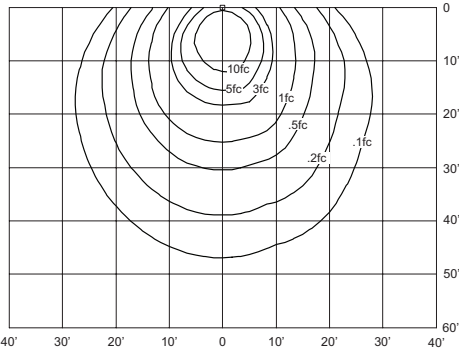
					
Model	1	2 @ 90°	2 @ 180°	3 @ 90°	4 @ 90°
20W	0.30	0.21	0.19	0.31	0.31
35W	0.34	0.25	0.23	0.35	0.35
80W	0.65	0.56	0.54	0.67	0.67

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

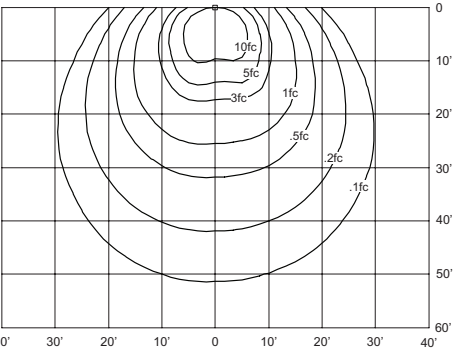
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SAMPLE PHOTOMETRY

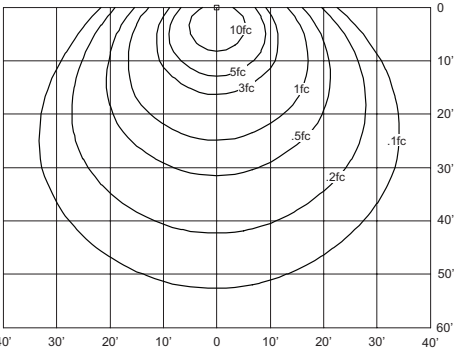
FXL-35-VS-CP-BR (35W, 4000K, 55°)
IES: NEMA 6 H x 6 V
MOUNTING HEIGHT: 10'
TILT: 45°



FXL-35-VS-CP-BR (35W, 4000K, 75°)
IES: NEMA 6 H x 6 V
MOUNTING HEIGHT: 10'
TILT: 45°

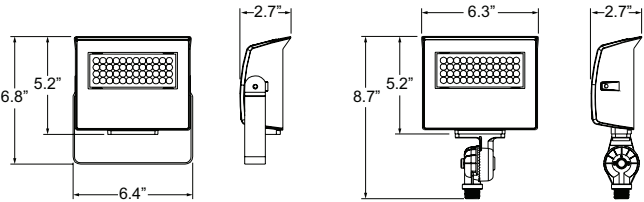


FXL-35-VS-CP-BR (35W, 4000K, 90°)
IES: NEMA 7 H x 6 V
MOUNTING HEIGHT: 10'
TILT: 45°

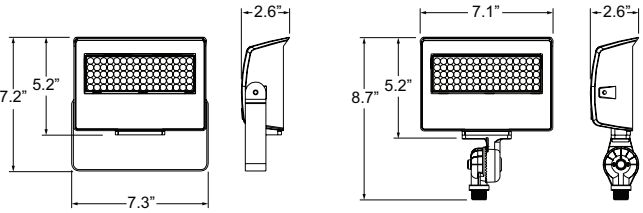


DIMENSIONS

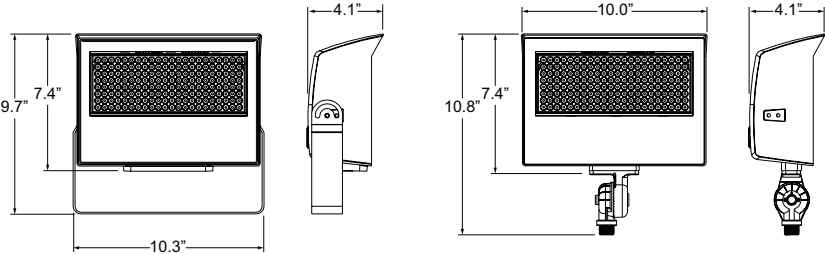
FXL-20



FXL-35



FXL-80



DETAILS - MOUNTING OPTIONS



DETAILS - SWITCH LOCATION

