

Project Name:
Part Number:
Fixture Type
Notes:

FL2 LED Commercial Flood Light

APPLICATIONS

The FL2 luminaire is a high performance LED lighting solution designed with optical versatility and a slim, low profile design. A slim rugged aluminum housing, watertight compartment for driver, and efficient heat sink. A variety of mounting options are available including Knuckle, Trunnion, Slipfitter, and Yoke. This powerful LED luminaire is the perfect choice for many floodlighting applications including walkways, landscapes, facades, or small area illumination.



15W / 27W



45W / 60W



70W / 100W



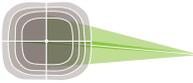
135W / 200W

UL Listing

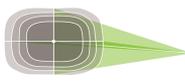
Suitable for wet locations

Replacement

Replaces up to 1000W MH fixtures



NEMA 4 : 46° - 70°
4Hx4V Medium
Only for 135W,200W
250W and 350W



NEMA 7 : 130° +
7Hx6V Very Wide
Suitable for flood lights of
all wattages.



250W / 350W

ORDERING INFORMATION



EXAMPLE: FL2 15 5K

Series	Wattage	CCT	Voltage	Nema Type	Finish	Dimming	Mount	Options
FL2	15 15W 27 27W	4K - 4000K 5K - 5000K	BLANK 120 - 277V	BLANK 7Hx6V = Very Wide	BLANK Dark Bronze *RP Custom Color	BLANK Non- dimming	BLANK Knuckle Mount TB - Trunnion Mount	BLANK No Option PCT Mini Photocell
	45 45W 60 60W							
	70 70W 100 100W							
	135 135W 200 200W							
	250 250W 350 350W							
*HVU does not include 15W, 27W, 45W and 60W								
*Nema 4 only for 135W,200W,250W, and 350W								
*For custom color, please contact regional sales for details								

Accessories & Options



1/2" Knuckle Mount
15W/27W/45W/60W



Trunnion Mount
15W/27W/45W/60W



Slipfitter Mount
70W/100W/135W/200W



Yoke Mount
70W/100W/135W/200W



Trunnion Mount
250W/350W



PCT
JL-Mini Photocell

SPECIFICATIONS

HOUSING

One-piece die-cast aluminum housing with heat sink for effective conductive and convective cooling. Door frame features an integral accessory channel for the mounting of optional light control accessories. The LED driver is directly assembled on the casting for a low operative temperature and a long life span. Door frame seals to housing with a continuous extruded silicone gasket.

MOUNTING

Mounting options include 1/2" Knuckle, Trunnion, Slipfitter and Yoke Mount

AMBINET TEMPERATURE

Suitable for use in -40°F to 113°F (-40°C to 45°C)

EFFICACY

Up to 136 lumens per watt

CCT

4000K and 5000K CCT available; 70+ CRI

ELECTRICAL

High quality constant-current drivers >90% efficiency and rated for 50/60Hz operation with Standard 120-277V input. 15W/27W/45W/60/70 is non-dimmable. 100W/135W/200W/250W/350W with 0-10V dimming

OPTICS

High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation. Vertical and horizontal illumination while reducing light behind the poles. Nema 4; 4Hx4V and Nema 7: 7Hx6V flood light distribution.

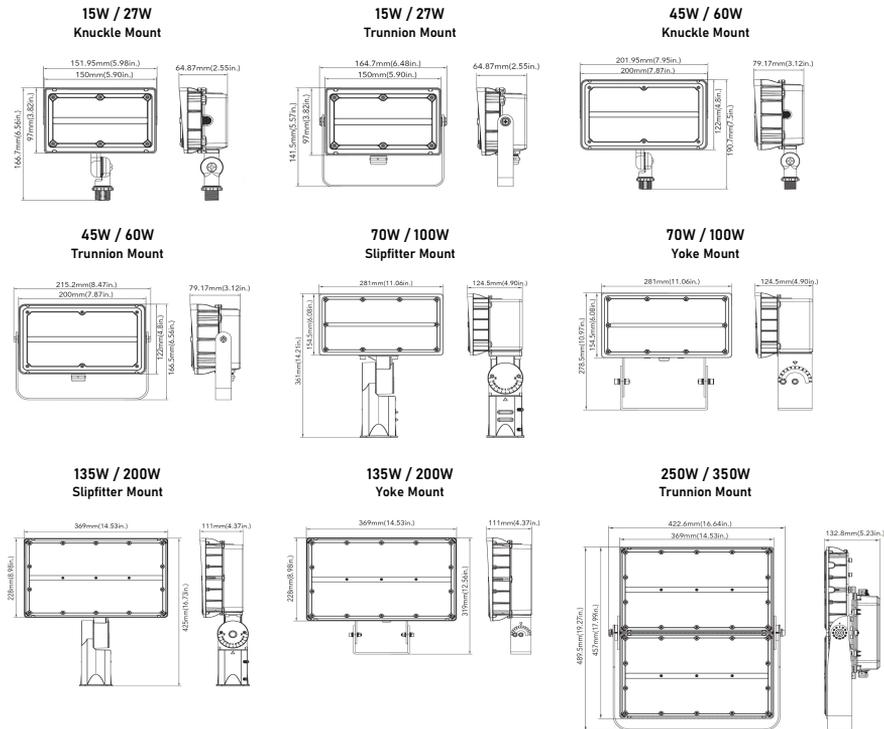
FINISH

Dark Bronze coat finish with superior resistance to corrosion and weather. Powder-coated to meet the most rugged industry standards. Custom colors available.

WARRANTY

5 year limited warranty. Comprehensive warranty terms can be located on www.orelighting.com

DIMENSIONS



Product	Mount	Weight (include mount)
15W	Knuckle	1.61 lbs
15W	Trunnion	1.70 lbs
27W	Knuckle	1.70 lbs
27W	Trunnion	1.78 lbs
45W	Knuckle	2.93 lbs
45W	Trunnion	3.52 lbs
60W	Knuckle	3.15 lbs
60W	Trunnion	3.75 lbs
70W	Slipfitter	8.36 lbs
70W	Yoke	7.43 lbs
100W	Slipfitter	10.16 lbs
100W	Yoke	9.24 lbs
135W	Slipfitter	14.17 lbs
135W	Yoke	13.43 lbs
200W	Slipfitter	15.15 lbs
200W	Yoke	14.41 lbs
250W	Trunnion	30.59 lbs
350W	Trunnion	31.27 lbs

PERFORMANCE DATA

WATTS	NEMA TYPE	VOLTAGE	Efficacy (LPS)	CRI	LUMENS	REPLACEMENT
15W	7Hx6V	120-277V	133	70	2,000 lm	70W MH
27W	7Hx6V	120-277V	133	70	3,600 lm	100W MH
45W	7Hx6V	120-277V	126	70	5,650 lm	150W MH
60W	7Hx6V	120-277V	124	70	7,450 lm	175W MH
60W	7Hx6V	347-480V	127	70	7,600 lm	175W MH
70W	7Hx6V	120-277V	127	70	8,900 lm	250W MH
70W	7Hx6V	347-480V	133	70	9,300 lm	250W MH
90W	7Hx6V	347-480V	138	70	12,400 lm	400W MH
100W	7Hx6V	120-277V	133	70	13,300 lm	400W MH
135W	7Hx6V	120-277V	132	70	18,000 lm	400W MH
135W	7Hx6V	347-480V	132	70	18,000 lm	400W MH
135W	4Hx4V	120-277V	132	70	18,000 lm	400W MH
135W	4Hx4V	347-480V	132	70	18,000 lm	400W MH
200W	7Hx6V	120-277V	130	70	26,000 lm	400W MH
200W	7Hx6V	347-480V	130	70	26,000 lm	400W MH
200W	4Hx4V	120-277V	130	70	26,000 lm	400W MH
200W	4Hx4V	347-480V	130	70	26,000 lm	400W MH
250W	7Hx6V	120-277V	138	70	34,500 lm	750W MH
250W	7Hx6V	347-480V	138	70	34,500 lm	750W MH
250W	4Hx4V	120-277V	138	70	34,500 lm	750W MH
250W	4Hx4V	347-480V	138	70	34,500 lm	750W MH
350W	7Hx6V	120-277V	137	70	50,000 lm	1000W MH
350W	7Hx6V	347-480V	137	70	50,000 lm	1000W MH
350W	4Hx4V	120-277V	137	70	49,500 lm	1000W MH
350W	4Hx4V	347-480V	137	70	49,500 lm	1000W MH

ELECTRICAL LOAD

WATTAGE	Current (A)					
	120V	208V	240V	277V	347V	480V
15W	0.13	0.07	0.06	0.05	0.04	0.03
27W	0.23	0.13	0.11	0.10	0.08	0.06
45W	0.38	0.22	0.19	0.16	0.13	0.09
60W	0.50	0.29	0.25	0.22	0.17	0.13
70W	0.58	0.34	0.29	0.25	0.20	0.15
100W	0.83	0.48	0.42	0.36	0.29	0.21
135W	1.13	0.65	0.56	0.49	0.39	0.28
200W	1.67	0.96	0.83	0.72	0.58	0.42
250W	2.08	1.20	1.04	0.90	0.72	0.52
350W	2.92	1.68	1.46	1.26	1.01	0.73

LUMINAIRE EPA CHART

SERIES	 Single	 2 @ 90°	 2 @ 120°	 2 @ 180°	 3 @ 90°	 3 @ 120°	 4 @ 90°
70W/100W	0.288	0.609	0.747	0.577	0.898	0.819	0.898
135W/200W	0.386	0.812	0.997	0.773	1.199	1.087	1.199
250W/350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597