



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.

UL Listing

Suitable for wet locations

Replacement

Replaces up to 1000W MH fixtures

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

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



45W / 60W



70W / 100W



200W



350W

ORDERING INFORMATION



EXAMPLE: **FL2 45 4K UNV BZ KN**

Series	Wattage	CCT	Voltage	Nema Type	Finish	Mount	Options
FL2	45 45W	4K - 4000K	UNV 120 - 277V *480 347-480V	BLANK 7Hx6V = Very Wide *N4 4Hx4V = Medium	BZ Dark Bronze	*KN	BLANK No ption PCTM Mini hotocell
	60 60W	5K - 5000K				Knuckle Mount	
	70 70W					*TB	
	100 100W					Trunnion Mount	
	200 200W					*YB	
350 350W		*SF	Slipfitter Mount				

*480V is only available for 200W and 350W

*Nema 4 only for 200W and 350W

*The mounting types depend on the fixtures' wattage, with detailed classifications listed below

Accessories & Options



1/2" Knuckle Mount
45W/60W



Trunnion Mount
45W/60W



Slipfitter Mount
70W/100W/200W



Yoke Mount
70W/100W/200W



Trunnion Mount
350W



PCTM
MS-PUNVC01



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 138 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.

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

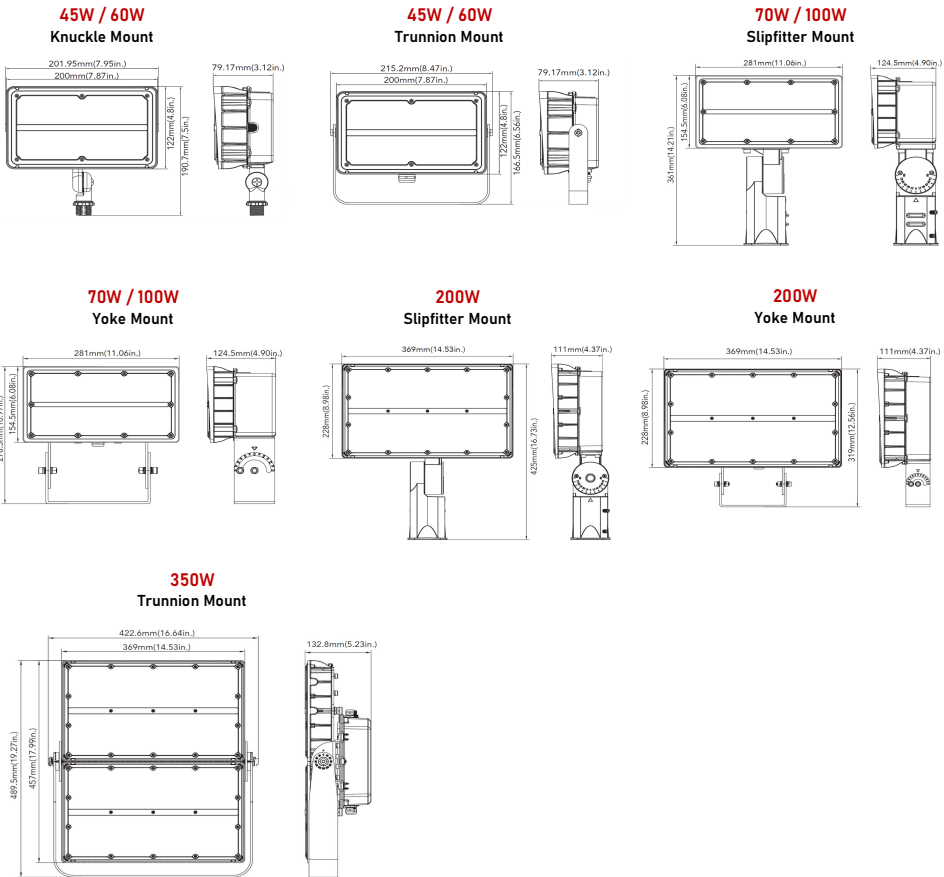
Dark Bronze coat finish with superior resistance to corrosion and weather. Powder-coated to meet the most rugged industry standards. Custom colors available.

WARRANTY

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

DIMENSIONS

unit: mm / inch



Houston, Texas

Sales@orelighting.com

346-874-7955

www.orelighting.com

Note: Information contained herein is subject to change without notice.

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Product	Mount	Weight (include mount)
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
200W	Slipfitter	15.15 lbs
200W	Yoke	14.41 lbs
350W	Trunnion	31.27 lbs








PERFORMANCE DATA

WATTS	NEMA TYPE	VOLTAGE	Efficacy (LPS)	CRI	4000K	5000K
					LUMENS	REPLACEMENT
45W	7Hx6V	120-277V	126	70 +	5,650 lm	150W MH
60W	7Hx6V	120-277V	124		7,450 lm	175W MH
70W	7Hx6V	120-277V	127		8,900 lm	250W MH
100W	7Hx6V	120-277V	133		13,300 lm	400W MH
200W	7Hx6V	120-277V	130		26,000 lm	400W MH
200W	7Hx6V	347-480V	130		26,000 lm	400W MH
200W	4Hx4V	120-277V	130		26,000 lm	400W MH
200W	4Hx4V	347-480V	130		26,000 lm	400W MH
350W	7Hx6V	120-277V	137		50,000 lm	1000W MH
350W	7Hx6V	347-480V	137		50,000 lm	1000W MH
350W	4Hx4V	120-277V	137		49,500 lm	1000W MH
350W	4Hx4V	347-480V	137		49,500 lm	1000W MH

ELECTRICAL LOAD

WATTAGE	Current (A)					
	120V	208V	240V	277V	347V	480V
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
200W	1.67	0.96	0.83	0.72	0.58	0.42
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
200W	0.386	0.812	0.997	0.773	1.199	1.087	1.199
350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597