



FL1301 LED FLOOD LIGHT

FL1301 is a high-performance, high-efficiency LED flood light with wattage and CCT selectable options. Designed with a robust die-cast aluminum housing and IP65 protection, it delivers up to 92,000 lumens with NEMA 7Hx6V or 4Hx4V optics. Ideal for parking lots, campuses, dealerships, and building facades, it offers multiple mounting options, long lifespan, and stable operation in extreme weather conditions.

APPLICATIONS

- Parking Lot
- Campuses
- Parking Lot
- Walkways
- Street
- Car Dealerships
- Office Complexes
- Internal Roadways

FEATURES

- Wattage selectable
- CCT selectable (3000K/4000K/5000K)
- High lumen output up to 92,000 lm
- NEMA 7Hx6V & 4Hx4V optics
- Die-cast aluminum housing
- Silicone gasket sealing

CERTIFICATION



Product	
Catalog No.	
Fixture Type	Notes

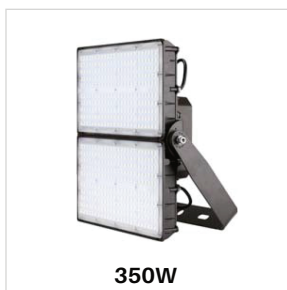
SPECIFICATION SUMMARY

Category	Specification	Data
Category Performance	Wattage	60W / 100W / 200W / 350W / 600W
	Delivered Lumens	7,800 - 92,000lm
	Lumen Efficacy	130-167 lm/W
	Color Temperature	3000K / 4000K / 5000K (Selectable)
	CRI (Ra)	70+
	Beam Angle	NEMA 7Hx6V / 4Hx4V
Electrical	Input Voltage	120-277VAC (60W-350W) 200-480VAC (600W)
	Dimming	0-10V
	Power Factor	>0.9
Physical	Housing	Die-cast aluminum
	Operation Temperature	-40°F - + 104°F
	Mounting Option	Knuckle, Slipfitter, Trunnion, Yoke
	IP Rating	IP65
	Dimension	60W: 7.87"×8.47"×3.12"
		100W: 11.06"×14.21"×4.90"
		200W: 14.53"×16.73"×4.37"
		350W: 14.53"×17.99"×5.23"
		600W: 24.9"×12.9"×11.8"

LIFESPAN AND WARRANTY

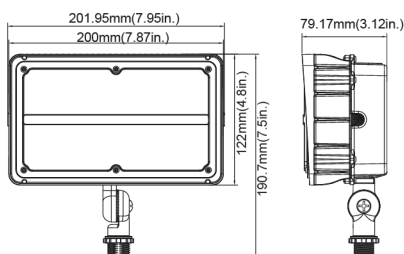
Rated Life	50,000 Hrs
Warranty	5 Years
Certification	UL, Wet location, DLC Premium

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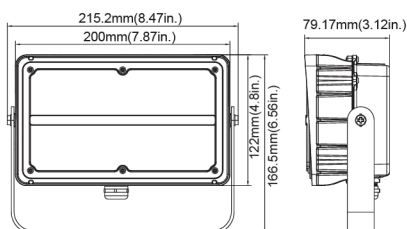
DIMENSIONS

60W(Knuckle Mount)



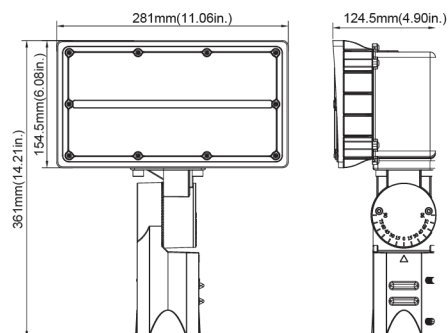
Net Weight
60W: 3.152 lb

60W(Trunnion Mount)



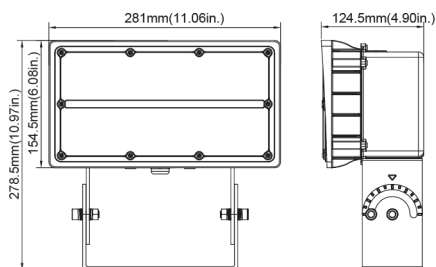
Net Weight
60W: 3.748 lb

100W(Slipfitter Mount)



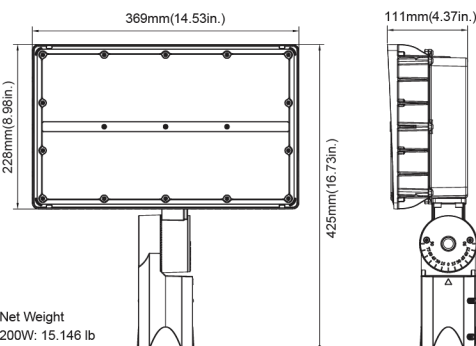
Net Weight
100W: 10.163 lb

100W(Yoke Mount)



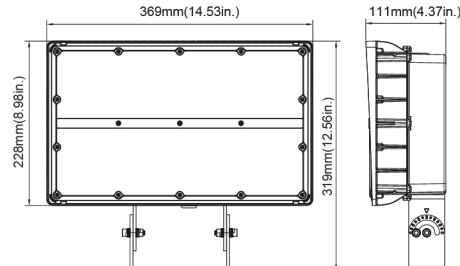
Net Weight
100W: 9.237 lb

200W(Slipfitter Mount)



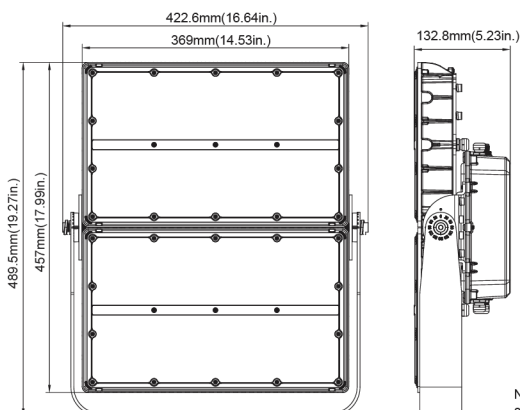
Net Weight
200W: 15.146 lb

200W(Yoke Mount)

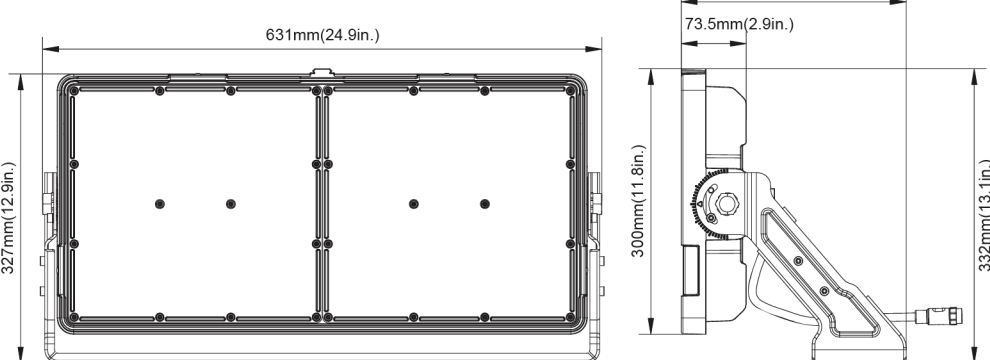


Net Weight
200W: 14.405 lb

350W(Trunnion Mount)



600W(Trunnion Mount)



Net Weight
350W: 31.272 lb

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FL1301 60W							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	60W	7800lm	130 lm/W	8400lm	140 lm/W	8100lm	135 lm/W
80%	48W	6480lm	135 lm/W	7000lm	146 lm/W	6700lm	140 lm/W
60%	36W	5050lm	140 lm/W	5400lm	150 lm/W	5250lm	146 lm/W
40%	24W	3480lm	145 lm/W	3720lm	155 lm/W	3600lm	150 lm/W

FL1301 100W							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	13000lm	130 lm/W	14000lm	140 lm/W	13500lm	135 lm/W
80%	80W	10800lm	135 lm/W	11600lm	146 lm/W	11200lm	140 lm/W
60%	60W	8400lm	140 lm/W	9000lm	150 lm/W	8700lm	145 lm/W
40%	40W	5800lm	145 lm/W	6200lm	155 lm/W	6000lm	150 lm/W

FL1301 200W							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	26000lm	130 lm/W	28000lm	140 lm/W	27000lm	130 lm/W
80%	160W	20800lm	135 lm/W	23200lm	145 lm/W	22400lm	140 lm/W
60%	120W	16800lm	140 lm/W	18000lm	150 lm/W	17400lm	145 lm/W
40%	80W	11600lm	145 lm/W	12400lm	155 lm/W	12000lm	150 lm/W

FL1301 350W(@single CCT)							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	350W	48000lm	137 lm/W	50000lm	143 lm/W	50000lm	143 lm/W
80%	280W	39760lm	142 lm/W	40600lm	145 lm/W	40600lm	145 lm/W
60%	210W	30870lm	147 lm/W	31500lm	150 lm/W	31500lm	150 lm/W
40%	140W	21280lm	152 lm/W	21700lm	155 lm/W	21700lm	155 lm/W

FL1301 600W(@single CCT)							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	600W	85000lm	142 lm/W	92000lm	153 lm/W	92000lm	153 lm/W
LV2	500W	73000lm	146 lm/W	79000lm	158 lm/W	79000lm	158 lm/W
LV3	400W	60000lm	150 lm/W	65000lm	163 lm/W	65000lm	163 lm/W
LV4	300W	46000lm	153 lm/W	50000lm	167 lm/W	50000lm	167 lm/W

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Mounting Options



1/2"Knuckle Mount (60W)



Trunnion Mount (60W/350W/600W)

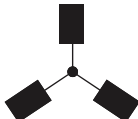
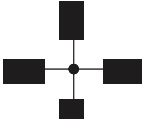


Yoke Mount (100W/200W)



Slipfitter Mount (100W/200W)

EPA

Item							
	1	2 @90°	2 @120°	2@180°	3 @90°	3 @120°	4 @90°
100W	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993
350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597

POWER

600W

EPA

1.8202

ORDERING INFORMATION

FL1301							
Series SKU	Wattage	Input Voltage	CCT	NEMA	Housing	Mounting	Option (Optional)
FL1301	060: 60W 100: 100W 200: 200W 350: 350W 600: 600W	U: 120-277V H: 347-480V	30: 3000K 40: 4000K 50: 5000K	B76: 7Hx6V B44: 4Hx4V	D: Dark Bronze B: Black W: White	KM: Knuckle TM: Trunnion YM: Yoke SM: Slipfitter	PC: Photocell

Example: FL1301-200U-50B44DKM

Lead times will vary depending on options selected.
Consult with your sales representative.

MISCELLANEOUS

CONSTRUCTION:
INSTALLATION:
OPTICS:
LISTINGS:
ELECTRICAL:
GOVERNMENT PROCUREMENT:

NOTE