Flood Light - JLS-HPFL Series

DESCRIPTION

JLS-HPFL is a high energy efficiency and high performance LED lighting system with a novel low-profile design, combining optical versatility and high energy efficiency. Its waterproof construction provides stable operation in humid environments. Selectable color temperature allows the lighting output to be adjusted for different applications. It is suitable for parking lots, sidewalks, campuses, car dealerships, office buildings, internal roads, and other outdoor lighting applications.

FEATURES

- Wattage options: 60W, 100W, 200W, 350W, and 600W.
- Selectable wattage: 100%, 80%, 60%, and 40%.
- Selectable CCT: 3000K, 4000K, and 5000K (60W, 100W, and 200W models).
- Single CCT options for 350W and 600W models.
- High luminous efficacy up to 175 lm/W.
- Universal 120–277VAC input; 200–480VAC option for 600W.
- Operating temperature: -40°C to +40°C.



POWER SELECTABLE

CCT SELECTABLE

UL CERTIFIED

WET LOCATION

LIMITED WARRANTY • GARANTIE LIMITÉE • GARANTÍA LIMITADA • 5 YEAR

Revised 11/18/2026

Specifications are typical values and may change without notification

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JLS-HPFL Series

SPECIFICATIONS

Model	**JLS-HPFL**
Construction	Housing, electrical compartment and fitter are made from die-cast aluminum, pre-treated and powder-coated.
Door Frame	Integral accessory channel for optional light-control accessories.
Thermal Design	Vented housing isolates LED module from driver.
Gasket	Continuous extruded silicone gasket.
Optics / NEMA Type	7H × 6V, 4H × 4V
Efficacy	Up to 175 lm/W
Lumen Range	7,800–92,000 lm
Input Voltage	Universal 120–277VAC
600W Input Option	200–480VAC
Power Factor	>90%
THD	<20%
Dimming	0–10V, 100%–10%
Wattage Selectable – 60/100/200/350W	100%, 80%, 60%, 40%
Wattage Selectable – 600W	300W / 400W / 500W / 600W
Operating Temperature	-40°C to +40°C (-40°F to +104°F)
CCT – 60/100/200W	3000K / 4000K / 5000K selectable
CCT – 350/600W	3000K / 4000K / 5000K Single CCT only
Control	Photocell option
Mounting	1/2" NPS Knuckle, Slipfitter, Trunnion, Yoke
Rated Life	50,000 hours
Warranty	5-Year Limited Warranty
Certification	UL / CUL Wet Location Listed

ORDERING GUIDE

MODEL	-	POWER	-	VOLTAGE	-	CCT	-	DIMMABLE	-	FINISH	-	PHOTOCELL	-	NEMA	-	MOUNTING
JLS-HPFL		**60** = 60/48/36/24W **100** = 100/80/60/40W **200** = 200/160/120/80W **350** = 350/280/210/140W **600** = 600/500/400/300W		**277** = 120–277V **48V** [1]= 200–480V		**730K** = 3000k **740K** = 4000k **750K**= 5000k **7MCCT** [2]= 3000k/4000k/5000k		**D** = 0–10V DIM		**D** = Dark Bronze **B** = Black **W** = White		**P0** = With Photocell		**B76** = 7H × 6V **B44** = 4H × 4V		**KN** [3]= Knuckle Mount **TR** [4]= Trunnion Mount **SP** [5]= Slipfitter Mount **YK** [6]= Yoke Mount

Note:
1. 200-480V only suit for 600W.
2. 350W,600W only suitable for single CCT.
3. Knuckle only suitable for 60W.
4. Trunnion only suitable for 60W, 350W, 600W.
5. Slipfitter only suitable for 100W, 200W.
6. Yoke only suitable for 100W, 200W.

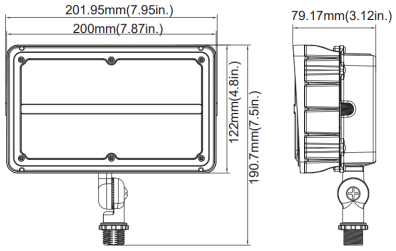
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JLS-HPFL Series

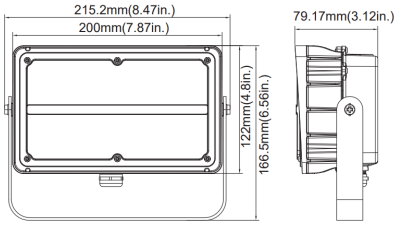
DIMENSIONS (Units : Inch/mm)

60W(Knuckle Mount)



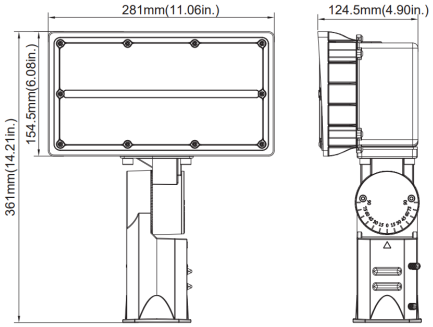
Net Weight
60W: 3.152 lb

60W(Trunnion Mount)



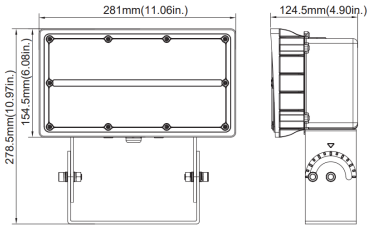
Net Weight
60W: 3.748 lb

100W(Slipfitter Mount)



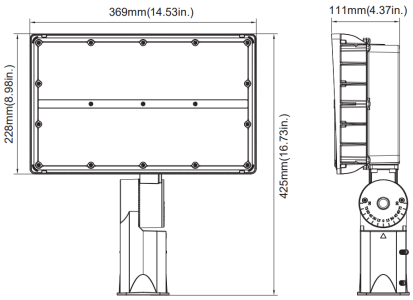
Net Weight
100W: 10.163 lb

100W(Yoke Mount)



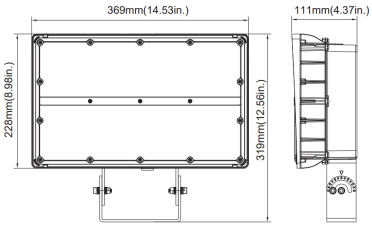
Net Weight
100W: 9.237 lb

200W(Slipfitter Mount)



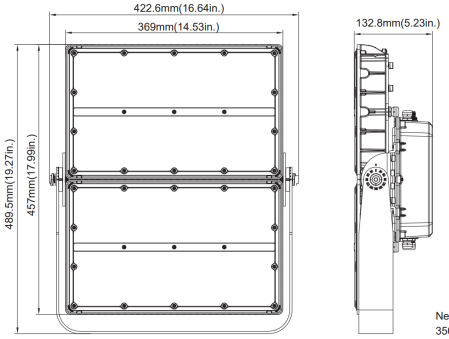
Net Weight
200W: 15.146 lb

200W(Yoke Mount)



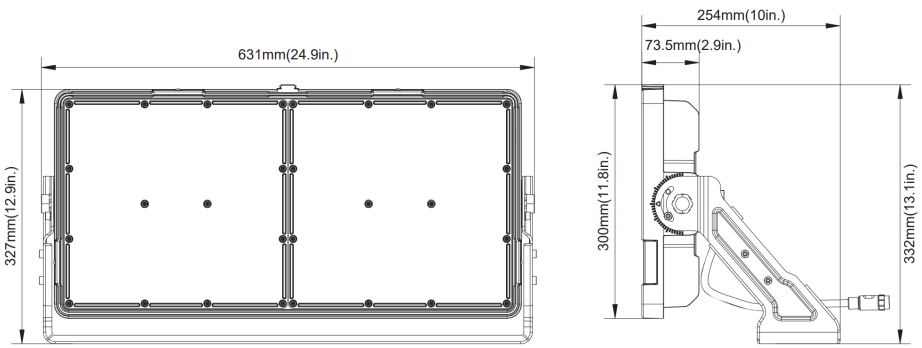
Net Weight
200W: 14.405 lb

350W(Trunnion Mount)



Net Weight
350W: 31.272 lb

600W(Trunnion Mount)



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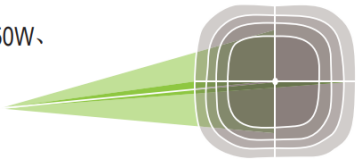
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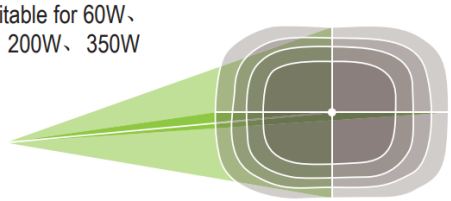
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JLS-HPFL Series

PHOTOMETRICS

4HX4V
Only suitable for 350W、600W



7HX6V
Only suitable for 60W、100W、200W、350W



ACCESSORIES

Photocell

USE: Photocell is field installed or pre-installed in factory by requesting

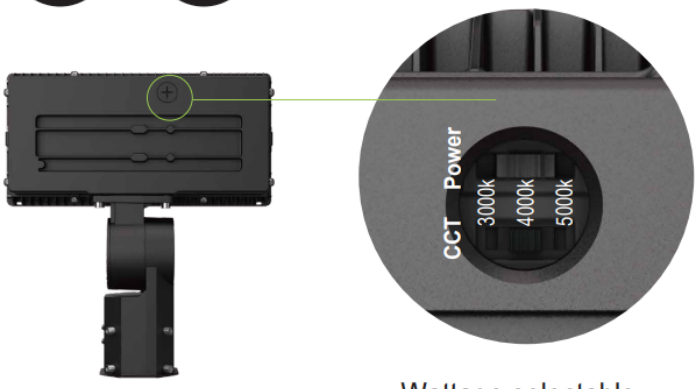


Aiming Sight

(Only suit for 600W)



Power and CCT controllet



Wattage selectable:
100%,80%,60%,40%
CCT selectable:
3000K,4000K,5000K

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Performance Data

JLS-HPFL 60W

SETTING	SYSTEM WATTS	3000K LUMENS	3000K LPW	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
100%	60W	8,520 lm	142 lm/W	9,120 lm	152 lm/W	8,820 lm	147 lm/W
80%	48W	7,050 lm	147 lm/W	7,540 lm	157 lm/W	7,300 lm	152 lm/W
60%	36W	5,470 lm	152 lm/W	5,830 lm	162 lm/W	5,650 lm	157 lm/W
40%	24W	3,820 lm	159 lm/W	4,000 lm	167 lm/W	3,890 lm	162 lm/W

JLS-HPFL 100W

SETTING	SYSTEM WATTS	3000K LUMENS	3000K LPW	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
100%	100W	14,000 lm	140 lm/W	15,000 lm	150 lm/W	14,500 lm	145 lm/W
80%	80W	11,600 lm	145 lm/W	12,400 lm	155 lm/W	12,000 lm	150 lm/W
60%	60W	9,000 lm	150 lm/W	9,600 lm	160 lm/W	9,300 lm	155 lm/W
40%	40W	6,200 lm	155 lm/W	6,600 lm	165 lm/W	6,400 lm	160 lm/W

JLS-HPFL 200W

SETTING	SYSTEM WATTS	3000K LUMENS	3000K LPW	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
100%	200W	29,600 lm	148 lm/W	32,000 lm	160 lm/W	31,000 lm	155 lm/W
80%	160W	24,500 lm	153 lm/W	26,400 lm	165 lm/W	25,600 lm	160 lm/W
60%	120W	19,000 lm	158 lm/W	20,400 lm	170 lm/W	19,800 lm	165 lm/W
40%	80W	13,000 lm	163 lm/W	14,000 lm	175 lm/W	13,600 lm	170 lm/W

JLS-HPFL 350W — Single CCT

SETTING	SYSTEM WATTS	3000K LUMENS	3000K LPW	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
100%	350W	53,900 lm	154 lm/W	56,000 lm	160 lm/W	56,000 lm	160 lm/W
80%	280W	44,500 lm	159 lm/W	46,200 lm	165 lm/W	46,200 lm	165 lm/W
60%	210W	34,400 lm	164 lm/W	35,700 lm	170 lm/W	35,700 lm	170 lm/W
40%	140W	23,700 lm	169 lm/W	24,500 lm	175 lm/W	24,500 lm	175 lm/W

JLS-HPFL 600W — Single CCT

SETTING	SYSTEM WATTS	3000K LUMENS	3000K LPW	4000K LUMENS	4000K LPW	5000K LUMENS	5000K LPW
LV1	600W	85,000 lm	142 lm/W	92,000 lm	153 lm/W	92,000 lm	153 lm/W
LV2	500W	73,000 lm	146 lm/W	79,000 lm	158 lm/W	79,000 lm	158 lm/W
LV3	400W	60,000 lm	150 lm/W	65,000 lm	163 lm/W	65,000 lm	163 lm/W
LV4	300W	46,000 lm	153 lm/W	50,000 lm	167 lm/W	50,000 lm	167 lm/W

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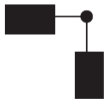
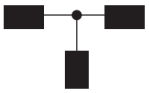
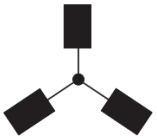
Electrical Data				
Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (A)
1	900	60	120	0.50
		60	208	0.29
		60	240	0.25
		60	277	0.22
		60	347	0.29
		60	480	0.21
1	850	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36
		100	347	0.17
		100	480	0.13
1	960	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42
1	1600	350	120	2.92
		350	208	1.68
		350	240	1.46
		350	277	1.26
		350	347	1.01
		350	480	0.73
1	1800	600	120	5.00
		600	208	2.88
		600	240	2.50
		600	277	2.17
		600	347	1.73
		600	480	1.25

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EPA

Power	 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

Mounting

1/2"Knuckle Mount (60W)



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



Yoke Mount(100W/200W)



Slipfitter Mount(100W/200W)



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