

Project Name: \_\_\_\_\_ Type: \_\_\_\_\_ Quantity: \_\_\_\_\_

### INTENDED USE

Alcon Lighting's Outdoor LED Flood Light is a durable, commercial-grade solution engineered to enhance visibility and safety in outdoor environments. Designed with a slim, low-profile form and optical versatility, this high-performance fixture features a rugged cast aluminum housing that reduces wind load and includes a watertight LED driver compartment with efficient aluminum heat sinks for long-lasting reliability. Ideal for parking lots, walkways, campuses, car dealerships, office complexes, and internal roadways, it delivers dependable illumination for both commercial and residential applications.

### FEATURES

- Construction:** Durable die-cast aluminum with a rugged powder-coated finish. The vented housing separates the LED module from the driver for optimal performance and longevity. Door frame includes an accessory channel and seals to the housing with a continuous silicone gasket
- Lens:** High performance acrylic optic securely attached to internal heat sink for maximum thermal dissipation
- Voltage:** 120-277, 347-480V, or 200-480V (600W only) input voltage
- Driver:** 0-10V dimming
- Power Adjustable:** 100%, 80%, 60%, 40% for 60W, 100W, 200W and 350W models. 600W can be adjusted to 300W, 400W, 500W, or 600W
- Color Temperature:** 30/40/50K Selectable switch. 350W, 600W only suitable for static white options.
- Power Factor:** ≥90%
- Total Harmonic Distortion:** <20%
- Beam Spread:** NEMA Type: 7H x 6V, 4H x 4V
- CRI:** 70+
- Life:** 50,000 hours
- Operating temperature:** -40°F - +104°F
- Warranty:** 5 Years Carefree for Parts & Components (Labor Not Included)
- Listings:** UL cULus, DLC Premium listed, Suitable for wet location



Alcon Lighting 11411 Outdoor LED Flood Light



### ORDERING INFORMATION Example:

Model	Mounting	Wattage	Color Temperature <sup>3</sup>	Finish	Optics <sup>5</sup>	Voltage	Options
11411	KN <sup>1</sup> Knuckle	60 60W	30K 3000K	DB Dark Bronze	7H6V 7H x 6V	UNV 120-277V	PC Photocell 120-277V
	TR <sup>2</sup> Trunnion	100 100W	40K 4000K	BK Black	4H4V 4H x 4V	(Universal)	D90 <sup>7</sup> Double 90°
	SF <sup>3</sup> Slip Fitter	200 200W	50K 5000K	WH White		HV3 347-480V	D12 <sup>7</sup> Double 120°
	YK <sup>3</sup> Yoke	350 350W	TW3050 3000-5000K			(High Voltage)	D18 <sup>7</sup> Double 180°
		600 600W				HV2 <sup>6</sup> 200-480V	T90 <sup>7</sup> Triple 90°
						(High Voltage)	T12 <sup>7</sup> Triple 120°
							Q90 <sup>7</sup> Quad 90°

<sup>1</sup>Knuckle Mount only available in 60W  
<sup>2</sup>Trunnion mount is available in 60W, 350W, or 600W  
<sup>3</sup> Only available in 100W and 200W  
<sup>4</sup> Only available in 135W, 200W, 250W, or 350W  
<sup>5</sup> 7HX6V is available in 60W, 100W, 200W, and 350W. 4HX4V is available in 600W  
<sup>6</sup> 200-480V only available in 600W  
<sup>7</sup> EFFECTIVE PROJECTED AREA (EPA) configurations are shown on page 5.  
<sup>8</sup> 60W, 100W, and 200W available in 30/40/50K Selectable switch. 350W, 600W only suitable for static white options.

## MOUNTING OPTIONS

### Knuckle Mount

60W



### Trunnion Mount

60W, 350W, 600W



### Yoke Mount

(100W, 200W)



### Slip Fitter

100W, 200W



## FEATURES

### Power and CCT Adjustable

Only available for 60W, 100W, and 200W



**Wattage selectable**  
100%, 80%, 60%, 40%

**CCT selectable**  
3000K, 4000K, 5000K

### Photocell (Optional)

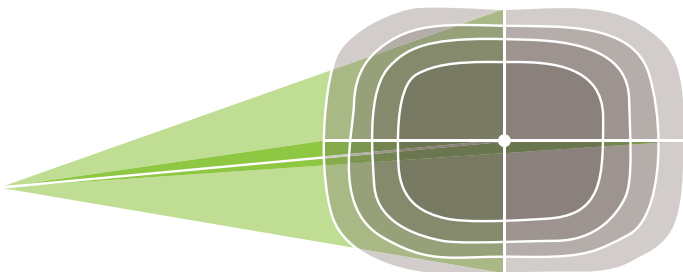
USE: Photocell is field installed



## PHOTOMETRY/OPTICS

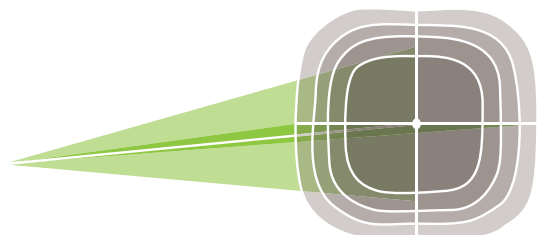
### 7HX6V

Available in 60W, 100W, 200W, 350W



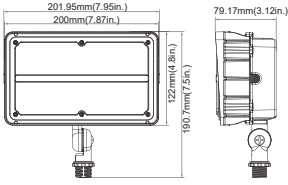
### 4HX4V

Available in 600W



## LINE DRAWINGS

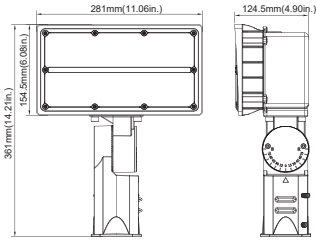
**Knuckle Mount**  
60W



Net Weight  
60W: 3.152 lb

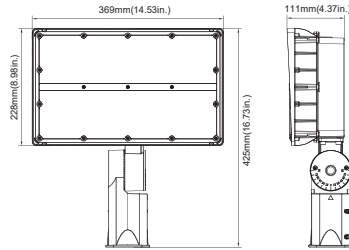


**Slipfitter Mount**  
100W



Net Weight  
100W: 10.163 lb

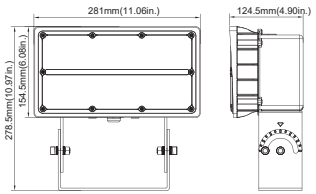
**Slipfitter Mount**  
200W



Net Weight  
200W: 15.146 lb

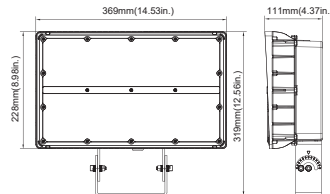


**Yoke Mount**  
100W



Net Weight  
100W: 9.237 lb

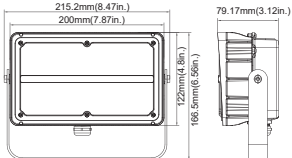
**Yoke Mount**  
200W



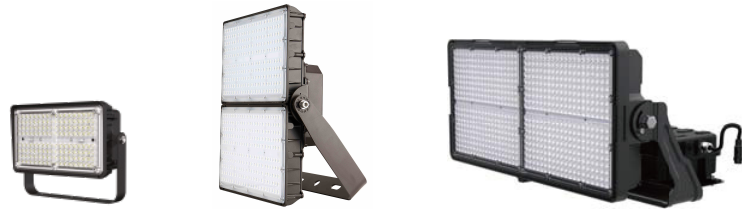
Net Weight  
200W: 14.405 lb



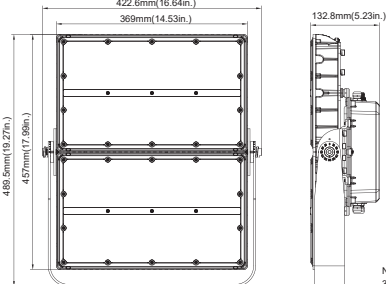
**Trunnion Mount**  
60W



Net Weight  
60W: 3.748 lb

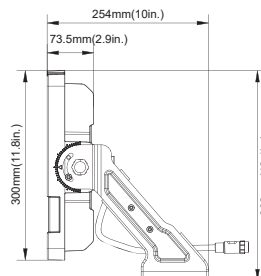
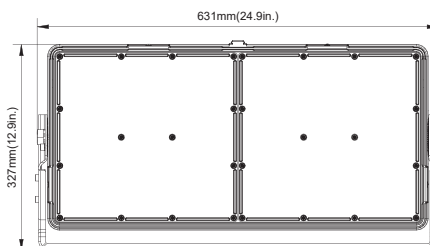


**Trunnion Mount**  
350W



Net Weight  
350W: 31.272 lb

**Trunnion Mount**  
600W



**PERFORMANCE DATA**

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

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

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

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






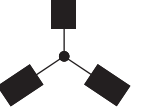
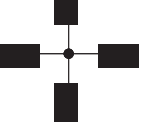
600W(@single CCT)							
SETTING	SYSTEM WATTS	3000K(CRI70)		4000K(CRI70)		5000K(CRI70)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
LV1	600W	85000lm	142 lm/W	92000lm	153 lm/W	92000lm	153 lm/W
LV2	500W	73000lm	146 lm/W	79000lm	158 lm/W	79000lm	158 lm/W
LV3	400W	60000lm	150 lm/W	65000lm	163 lm/W	65000lm	163 lm/W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



## ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
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	347	0.17
		100	480	0.13
		100	277	0.36
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

## EFFECTIVE PROJECTED AREA (EPA)

Wattage	 1	 Double 90°   <b>D90</b>	 Double 120°	 Double 180°   <b>D18</b>	 Triple 90°   <b>T90</b>	 Triple 120°   <b>T12</b>	 Quad 90°   <b>Q90</b>
70W/100W	0.2885	0.6097	0.7475	0.577	0.8982	0.8196	0.8982
135W/200W	0.3868	0.8125	0.9973	0.7736	1.1993	1.0874	1.1993
250W/350W	0.536	1.061	1.278	1.072	1.597	1.803	1.597

POWER	EPA
600W	1.8202

## COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
<b>WARM WHITE</b>	<b>SOFT WHITE GLOW</b>	<b>NEUTRAL GLOW</b>	<b>COOL WHITE GLOW</b>	<b>DAYLIGHT GLOW</b>
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
X	✓	X	✓	✓