Luminoso LED LIGHTING

Project:	Date
Type:	
Model:	

DESCRIPTION

This FLM2 LED flood light features field-selectable wattage and three selectable CCT options, allowing for flexible performance and simplified inventory. It delivers a lumen output range of 7,800 to 28,000 lumens, providing reliable, energy-efficient illumination for a wide range of outdoor applications.

Construction

- Sealed die-casting profile for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- Vented housing separates the LED module from the driver to enhance longevity and performance.
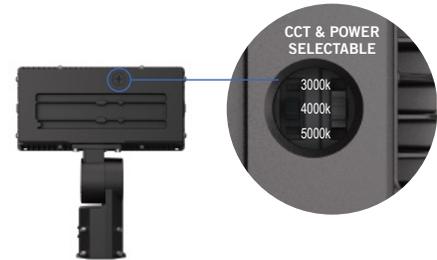
Optics

- Selectable color temperature 3000K/4000K/5000K.
- Adjustable lumen output with four lumen settings 100%, 80%, 60%, 40%.
- Scalable Lumen Packages from 7,800 to 28,000 Lumens.
- High performance UV stabilized optical grade polymer refractor lenses to achieve desired distribution.
- NEMA Type 7Hx6V

Electrical

- Universal 120-277 VAC input voltage.
- Not dimmable.
- Both drivers have a power factor >90%,THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).

Controls

- Optional photocell

ORDER INFORMATION

EXAMPLE: FLM2-WS60-Y-CCTS-KN-BK

3 CCT SELECTABLE · POWER SELECTABLE · RoHS COMPLIANT · IP65 Rated · 50,000 Hours · LIMITED WARRANTY 5 YEAR · UL CERTIFIED · DLC LISTED PREMIUM

Series	Wattage Selectable	Voltage	CCTS	Mounting Options	Photocell	Finish
FLM2 Flood Light	**WS60** (60W / 48W / 36W /24W)	**Y** 120-277V	**CCTS** Selectable Color Temperature (3000K / 4000K / 5000K)	**SF** Slipfitter (100W/200W only)*	**Blank** Standard	**BZ** Bronze
	WS100 (100W / 80W / 60W / 40W)			**TR** Trunnion (100W/200W only)*	**PC** Photocell	
	WS200 (200W / 160W / 120W / 80W)			**YK** Yoke (60W only)*		
				KN* Knuckle (60W only)*		

Enter configuration:

Dimensions and values shown are nominal. LuminosoLED continually works to improve products and reserves the right to make changes which may alter the performance or appearance of products.

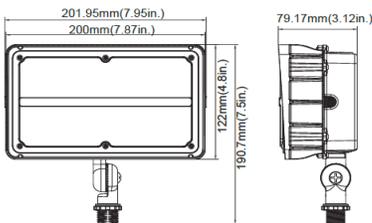# FLM2 Flood Light
Specifications & Measurements

PERFORMANCE

SETTING	WATTAGE	FLM2 60W					
		3000K (70CRI)		4000K (70CRI)		5000K 70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	60W	7,800lm	130 lm/W	8,400lm	140 lm/W	8,100lm	135 lm/W
80%	48W	6,480lm	135 lm/W	7,000lm	146 lm/W	6,700lm	140 lm/W
60%	36W	5,050lm	140 lm/W	5,400lm	150 lm/W	5,250lm	146 lm/W
40%	24W	3,480lm	145 lm/W	3,720lm	155 lm/W	3,600lm	150 lm/W

SETTING	WATTAGE	FLM2 100W					
		3000K (70CRI)		4000K (70CRI)		5000K 70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	100W	13,000lm	130 lm/W	14,000lm	140 lm/W	13,500lm	135 lm/W
80%	80W	10,800lm	135 lm/W	11,600lm	146 lm/W	11,200lm	140 lm/W
60%	60W	8,400lm	140 lm/W	9,000lm	150 lm/W	8,700lm	145 lm/W
40%	40W	5,800lm	145 lm/W	6,200lm	155 lm/W	6,000lm	150 lm/W

| SETTING	WATTAGE	FLM2 200W					
		3000K (70CRI)		4000K (70CRI)		5000K 70CRI)	
		LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	26,000lm	130 lm/W	28,000lm	140 lm/W	27,000lm	135 lm/W
80%	160W	20,800lm	135 lm/W	23,200lm	146 lm/W	22,400lm	140 lm/W
60%	120W	16,800lm	140 lm/W	18,000lm	150 lm/W	17,400lm	146 lm/W
40%	80W	11,600lm	145 lm/W	12,400lm	155 lm/W	12,000lm	150 lm/W

DIMENSIONS

60W (Knuckle)

Net Weight
60W: 3.152 lb
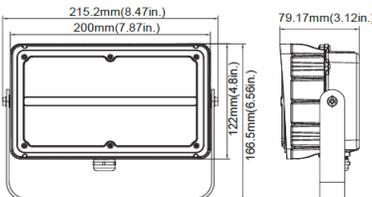
100W (Slipfitter)
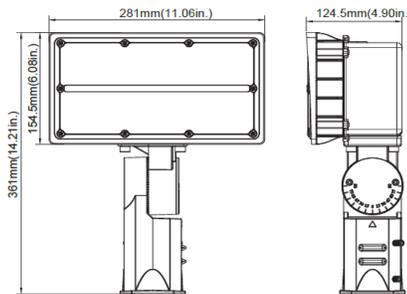
Net Weight
100W: 10.163 lb

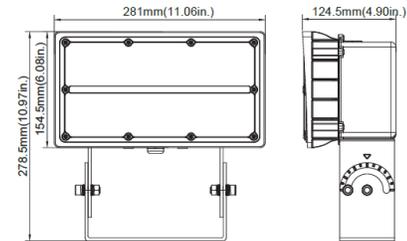### 200W (Slipfitter)
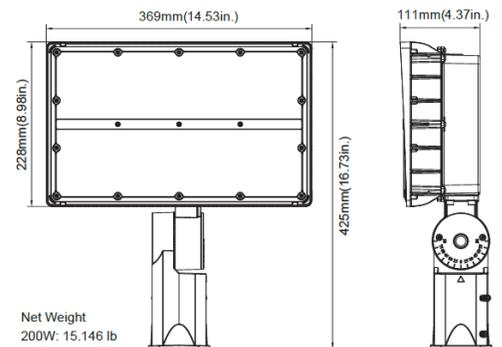
Net Weight
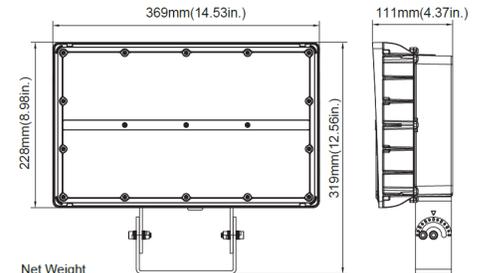200W: 15.146 lb

60W (Yoke)

Net Weight
60W: 3.748 lb

100W (Trunnion)

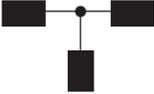Net Weight
100W: 9.237 lb

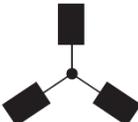### 200W (Trunnion)

Net Weight
200W: 15.146 lb

MOUNTING

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

PHOTOMETRIC

7HX6V

100W、200W、350W