



Color Selectable LED Flood Light Fixture

DESCRIPTION

Replace existing metal halide flood fixtures with these more efficient color selectable LED flood fixtures.

FEATURES

- Delivers up to 137 LPW for highly efficient performance
- Silver-face reflector is perfect for aesthetic landscape lighting
- Slipfitter adjusts up to 180° (90° up and 90° down)
- Trunnion adjusts up to 180° (90° up and 90° down)
- Yoke mount adjusts up to 180° (90° up and 90° down)
- Combination yoke and slipfitter mount adjusts to virtually any up or down degree aiming angle desired
- 11.81" whip on 15W to 80W fixtures; 19.69" whip on 105W to 140W fixtures
- 0-10V dimming
- Light output changes depending on the color temperature selected; see Selectable Table for full breakdown
- Color temperature can be adjusted using the dip switch on the top of the fixture; see installation instructions for more information

LISTINGS

- UL rated for wet locations
- IP65
- FCC
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- CRI: >80
- CCT: 3000K, 4000K, 5000K
- LED L70 Rated Lifetime: 100,000 hours

THERMAL

- -22°F to 113°F or (-30°C to 45°C) operating temperature

ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 4Kv
- Dimmable power supply (0-10V)

INSTALLATION

- Designed for installation with included mount; see Performance Summary for a full breakdown of which mount is included. For information on how to install these fixtures, see installation instructions.

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



CONSTRUCTION

- Die-cast aluminum housing
- Durable polyester bronze powder coating withstands demanding environments
- Impact-resistant tempered glass lens

WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Safety and Security Lighting
- Sign Lighting
- Building Facades

PERFORMANCE SUMMARY

Item #	Watts*	CCT*	Beam Angle	CRI	Dimming	Voltage	Replaces	Mounting	Surge Protection	BUG	DLC #	DLC Level
PLT-13083	15W	3000/4000/5000	145°	80	0-10V	120-277V	70W MH	Knuckle	2.5kV	B1-U0-G0	PLTSNH111151	5.1 Premium
PLT-13085	25W	3000/4000/5000	145°	80	0-10V	120-277V	100W MH	Knuckle	2.5kV	B1-U0-G0	PLTSNH121151	5.1 Premium
PLT-13087	35W	3000/4000/5000	145°	80	0-10V	120-277V	150W MH	Knuckle	2.5kV	B2-U0-G0	PLTSNH131151	5.1 Premium
PLT-13089	35W	3000/4000/5000	145°	80	0-10V	120-277V	150W MH	Yoke	2.5kV	B2-U0-G0	PLTSNH131153	5.1 Premium
PLT-13091	60W	3000/4000/5000	145°	80	0-10V	120-277V	175W MH	Knuckle	2.5kV	B3-U0-G1	PLTSNH141151	5.1 Premium
PLT-13092	60W	3000/4000/5000	145°	80	0-10V	120-277V	175W MH	Yoke	2.5kV	B3-U0-G1	PLTSNH141153	5.1 Premium
PLT-13094	80W	3000/4000/5000	145°	80	0-10V	120-277V	250W MH	Yoke	4kV	B3-U0-G1	PLTSNH151153	5.1 Premium
PLT-13095	105W	3000/4000/5000	145°	80	0-10V	120-277V	250W MH	Yoke	4kV	B4-U0-G1	PLTSNH161153	5.1 Premium
PLT-13122	140W	3000/4000/5000	145°	80	0-10V	120-277V	400W MH	Slipfitter	4kV	B4-U0-G1	PLTSNH171155	5.1 Premium
PLT-13123	140W	3000/4000/5000	145°	80	0-10V	120-277V	400W MH	Trunnion	4kV	B4-U0-G1	PLTSNH171152	5.1 Premium
PLT-13132	105W	3000/4000/5000	145°	80	0-10V	120-277V	250W MH	Slipfitter	4kV	B4-U0-G	PLTSNH161155	5.1 Premium
PLT-13142	80W	3000/4000/5000	145°	80	0-10V	120-277V	250W MH	Combination Yoke & Slipfitter	4kV	B3-U0-G1	PLTSNH151154	5.1 Premium

* See Selectable Table for full breakdown

SELECTABLE TABLE

SKU	Wattage	CCT	Lumens	Efficacy
PLT-13083	15	3000K	1965	131
		4000K	2190	146
		5000K	2100	140
PLT-13085	25	3000K	3350	134
		4000K	3700	148
		5000K	3550	142
PLT-13087	35	3000K	4515	129
		4000K	5040	144
		5000K	4865	139
PLT-13089	35	3000K	4584	131
		4000K	4887	140
		5000K	4894	140
PLT-13091 PLT-13092	60	3000K	7797	130
		4000K	8331	139
		5000K	8370	140
PLT-13094	80	3000K	10,299	128
		4000K	10,818	135
		5000K	10,785	135
PLT-13095	105	3000K	13,385	127
		4000K	14,160	135
		5000K	14,319	136
PLT-13122 PLT-13123	140	3000K	17,894	128
		4000K	19,158	137
		5000K	18,672	133
PLT-13132	105	3000K	13,243	126
		4000K	14,129	135
		5000K	13,616	130
PLT-13142	80	3000K	10,712	134
		4000K	11,509	144
		5000K	11,325	142

DIMENSIONS

PLT-13083, PLT-13085, PLT-13087

Length – 5.5"

Length (with mount) – 9.25"

Width – 7.4"

Depth – 2.5"

Weight – 2.65 lbs



PLT-13089

Length – 5.7"

Length (with mount) – 7.25"

Width – 7.9"

Depth – 2.5"

Weight – 4.32 lbs



PLT-13091

Length – 7.4"

Length (with mount) – 10.8"

Width – 9.5"

Depth – 3"

Weight – 4.32 lbs



PLT-13092

Length – 7.4"

Length (with mount) – 9.2"

Width – 9.8"

Depth – 3.3"

Weight – 4.81 lbs



PLT-13095

Length – 9.1"

Length (with mount) – 11.5"

Width – 12.5"

Depth – 3.3"

Weight – 7.63 lbs



DIMENSIONS

PLT-13122

Length – 9.1"

Length (with mount) – 16"

Width – 11.5"

Depth – 3.5"

Weight – 7.72 lbs

Weight (w/ mount) – 9.08 lbs



Slipfitter Length – 6.89"

Slipfitter Width – 4.88"

Slipfitter Height – 2.87"

PLT-13123

Length – 9"

Length (with mount) – 14"

Width – 11.5"

Depth – 3.5"

Weight – 7.72 lbs

Weight (w/ mount) – 9.08 lbs



Trunnion Length – 7.13"

Trunnion Width – 5.35"

Trunnion Depth – 2.76"

PLT-13132

Length – 9.1"

Length (with mount) – 16"

Width – 11.5"

Depth – 3.5"

Weight – 7.2 lbs



PLT-13142 W/ SLIPFITTER MOUNT

Length – 7.44"

Length (with mount) – 16.06"

Width – 10.24"

Depth – 3.58"

Weight – 4.10 lbs

Weight (w/ mount) – 6.88 lbs

Slipfitter Length – 12.91"

Slipfitter Width – 10.24"

Slipfitter Height – 2.87"

