



Color Selectable LED Flood Light Fixture

DESCRIPTION

Replace existing metal halide flood fixtures with these more efficient color selectable LED flood fixtures featuring a white face.

FEATURES

- Delivers up to 151 LPW for highly efficient performance; light output varies depending on the color temperature selected, see Selectable Table for full breakdown
- Knuckle mount adjusts up to 180°
- Yoke mount adjusts up to 180°
- Slipfitter adjusts up to 180°
- Trunnion adjusts up to 180°
- 0-10V dimming
- 11.81" whip on 15W to 80W fixtures; 19.69" whip on 105W to 140W fixtures
- Color temperature can be adjusted using the dip switch on the back 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 Life Hours: 50,000 (PLTS-12340 & PLT-12350 only), 100,000 hours

THERMAL

- -31°F to 113°F or (-35°C to 45°C) operating temperature
- PLT-13084, PLT-13086, PLT-13088, PLT-13090, PLT-13093, PLT-13097, PLT-13124
- -31°F to 122°F or (-35°C to 50°C) operating temperature
- PLTs-12340, PLTS-12350, PLT-13140, PLT-13141, PLT-13143

ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 2.5kV (15W-60W), 4Kv (80W-140W)
- 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
- Clear impact-resistant tempered glass lens
- White face

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	BUG	DLC #	DLC Rating
PLTS-12340	15W	3000/4000/5000	145°	>80	0-10V	120-277V	70W MH	Yoke	B1-U0-G0	PLTSNH211153	5.1 Premium
PLTS-12350	105W	3000/4000/5000	145°	>80	0-10V	120-277V	250W MH	Yoke	B4-U0-G1	PLTSNH261153	5.1 Premium
PLT-13084	15W	3000/4000/5000	145°	>80	0-10V	120-277V	70W MH	Knuckle	B1-U0-G0	PLTSNH211151	5.1 Premium
PLT-13086	25W	3000/4000/5000	145°	>80	0-10V	120-277V	100W MH	Knuckle	B1-U0-G0	PLTSNH221151	5.1 Premium
PLT-13088	35W	3000/4000/5000	145°	>80	0-10V	120-277V	150W MH	Knuckle	B2-U0-G0	PLTSNH231151	5.1 Premium
PLT-13090	60W	3000/4000/5000	145°	>80	0-10V	120-277V	175W MH	Knuckle	B3-U0-G1	PLTSNH241151	5.1 Premium
PLT-13093	80W	3000/4000/5000	145°	>80	0-10V	120-277V	250W MH	Yoke	B3-U0-G1	PLTSNH251153	5.1 Premium
PLT-13097	140W	3000/4000/5000	145°	>80	0-10V	120-277V	400W MH	Trunnion	B4-U0-G1	PLTSNH271152	5.1 Premium
PLT-13124	35W	3000/4000/5000	145°	>80	0-10V	120-277V	150W MH	Yoke	B2-U0-G0	PLTSNH231153	5.1 Premium
PLT-13140	105W	3000/4000/5000	145°	>80	0-10V	120-277V	250W MH	Slipfitter	B4-U0-G1	PLTSNH261155	5.1 Premium
PLT-13141	105W	3000/4000/5000	145°	>80	0-10V	120-277V	250W MH	Yoke	B4-U0-G1	PLTSNH261153	5.1 Premium
PLT-13143	60W	3000/4000/5000	145°	>80	0-10V	120-277V	175W MH	Yoke	B3-U0-G1	PLTSNH241153	5.1 Premium

* See Selectable Table for full breakdown

SELECTABLE TABLE

SKU	Wattage	CCT	Lumens	Efficacy
PLTS-12340 PLT-13084	15	3000K	2097	140
		4000K	2259	151
		5000K	2194	146
PLT-13086	25	3000K	3485	139
		4000K	3760	150
		5000K	3658	146
PLT-13088 PLT-13124	35	3000K	4642	133
		4000K	5034	144
		5000K	4864	139
PLT-13090 PLT-13143	60	3000K	7782	130
		4000K	8372	140
		5000K	8178	136
PLT-13093	80	3000K	10,712	134
		4000K	11,509	144
		5000K	11,325	142
PLTS-12350 PLT-13140 PLT-13141	105	3000K	13,243	126
		4000K	14,129	135
		5000K	13,616	130
PLT-13097	140	3000K	17,894	128
		4000K	19,158	137
		5000K	18,672	133

DIMENSIONS

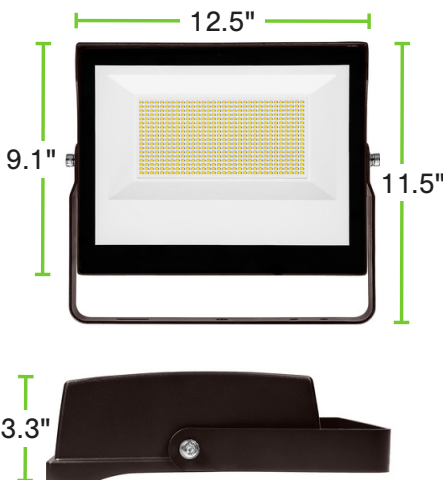
PLT-12340

Length – 5.7"
Length (with mount) – 7.25"
Width – 7.9"
Depth – 2.5"
Weight – 2.9 lbs



PLT-12350

Length – 9.1"
Length (with mount) – 11.5"
Width – 12.5"
Depth – 3.3"
Weight – 8.5 lbs



PLT-13084, PLT-13086, PLT-13088

Length – 5.5"
Length (with mount) – 9.25"
Width – 7.4"
Depth – 2.5"
Weight – 2.67 lbs



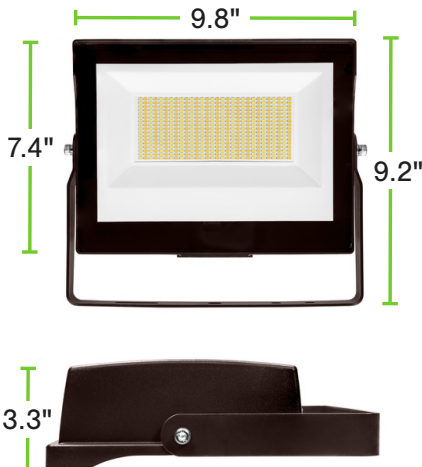
PLT-13090

Length – 7.4"
Length (with mount) – 10.8"
Width – 9.5"
Depth – 3"
Weight – 4.32 lbs



PLT-13093

Length – 7.4"
Length (with mount) – 9.2"
Width – 9.8"
Depth – 3.3"
Weight – 4.81 lbs



PLT-13097

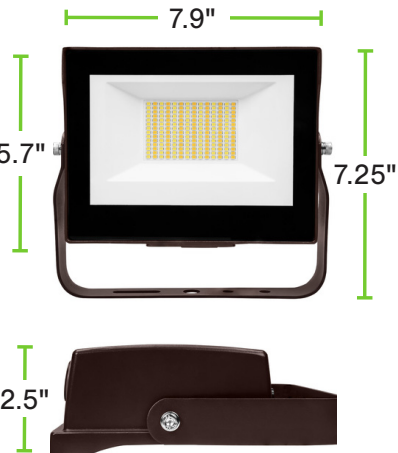
Length – 9"
Length (with mount) – 14"
Width – 11.5"
Depth – 3.5"
Weight – 9.83 lbs



DIMENSIONS

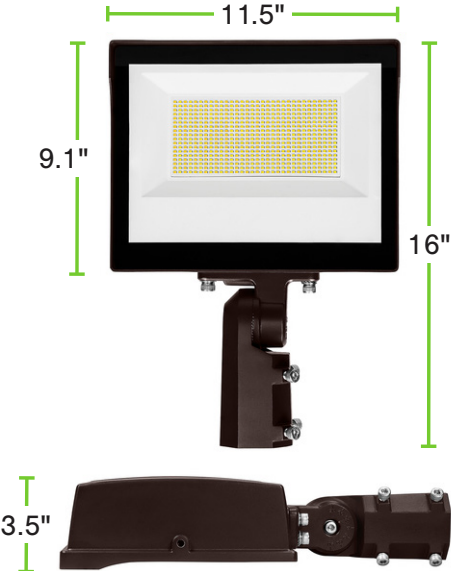
PLT-13124

Length – 5.7"
Length (with mount) – 7.25"
Width – 7.9"
Depth – 2.5"
Weight – 2.34 lbs



PLT-13140

Length – 9.1"
Length (with mount) – 16"
Width – 11.5"
Depth – 3.5"
Weight – 8.8 lbs



PLT-13141

Length –9.09"
Length (with mount) – 11.5"
Width – 12.5"
Depth – 3.3"
Weight – 8.51 lbs



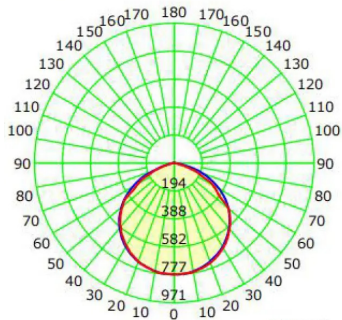
PLT-13143

Length – 7.44"
Length (with mount) – 9.2"
Width – 9.8"
Depth – 3.3"
Weight – 4.81 lbs



PLT-13240

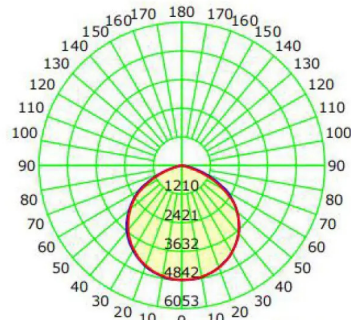
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 111.7°
— C0-C180 — C90-C270

PLT-12350

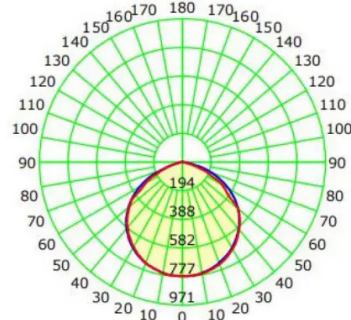
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.0°
— C0-C180 — C90-C270

PLT-13084

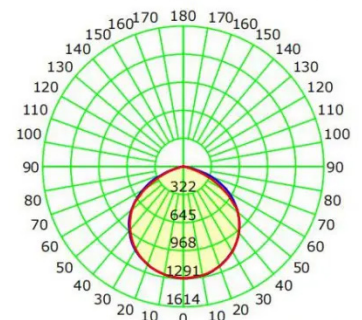
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 111.7°
— C0-C180 — C90-C270

PLT-13086

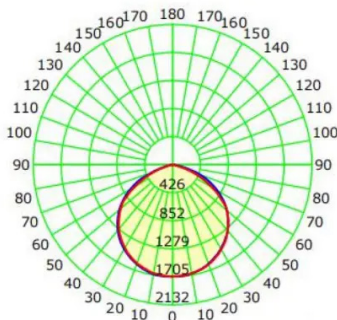
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 112.6°
— C0-C180 — C90-C270

PLT-13088

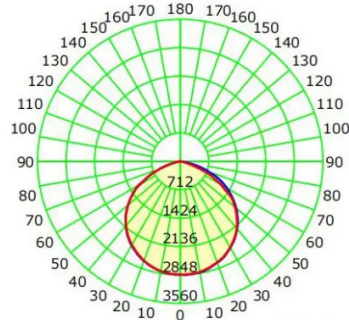
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.4°
— C0-C180 — C90-C270

PLT-13090

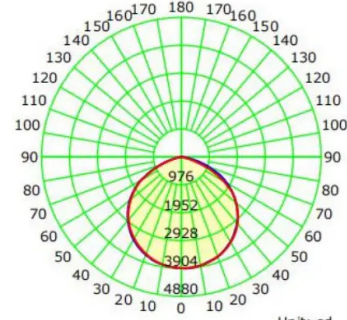
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.2°
— C0-C180 — C90-C270

PLT-13093

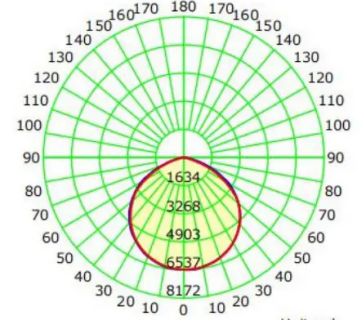
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.4°
— C0-C180 — C90-C270

PLT-13097

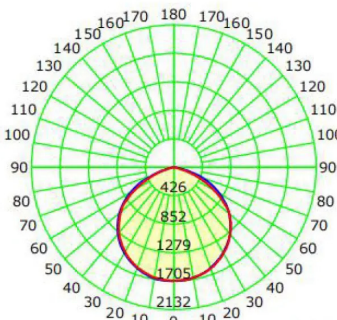
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.3°
— C0-C180 — C90-C270

PLT-13124

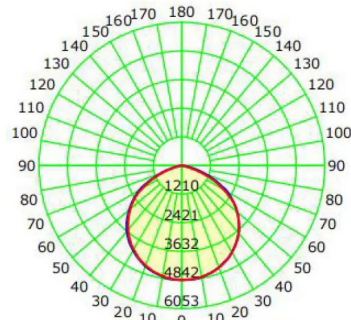
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.4°
— C0-C180 — C90-C270

PLT-13140, PLT-13141

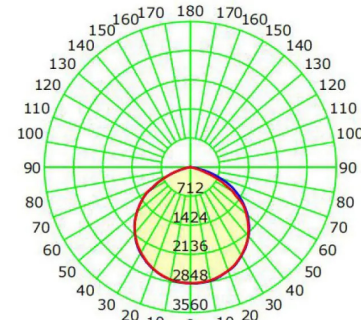
Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.0°
— C0-C180 — C90-C270

PLT-13143

Luminous Intensity Distribution Curve



Unit: cd
Average Diffuse Angle(50%): 113.2°
— C0-C180 — C90-C270