



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 150 LPW for highly efficient performance
- Knuckle mount adjusts up to 180° (90° left and 90° right)
- Yoke mount adjusts up to 180° (90° left and 90° right)
- Slipfitter adjusts up to 180° (90° left and 90° right)
- Trunnion adjusts up to 180° (90° left and 90° right)
- 0-10V dimming; see Dimmer Compatibility for list of compatible dimmers
- 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 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 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: 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.

CONSTRUCTION

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

project name	type
catalog number	
comments	voltage
approved by	date



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-12249	15W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	70W MH	Knuckle	B1-U0-G0	PLTSNH111151	5.1 Premium
PLTS-12250	15W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	70W MH	Yoke	B1-U0-G0	PLTSNH111153	5.1 Premium
PLTS-12251	25W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	100W MH	Knuckle	B1-U0-G0	PLTSNH121151	5.1 Premium
PLTS-12252	25W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	100W MH	Yoke	B1-U0-G0	PLTSNH121153	5.1 Premium
PLTS-12253	35W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	150W MH	Knuckle	B2-U0-G0	PLTSNH131151	5.1 Premium
PLTS-12254	35W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	150W MH	Yoke Mount	B2-U0-G0	PLTSNH131153	5.1 Premium
PLTS-12308	60W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	175W MH	Knuckle	B3-U0-G1	PLTSNH141151	5.1 Premium
PLTS-12309	60W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	175W MH	Yoke	B3-U0-G1	PLTSNH141153	5.1 Premium
PLTS-12314	80W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	250W MH	Slipfitter	B3-U0-G1	PLTSNH151154	5.1 Premium
PLTS-12315	80W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	250W MH	Yoke	B3-U0-G1	PLTSNH151153	5.1 Premium
PLTS-12316	105W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	250W MH	Slipfitter	B4-U0-G1	PLTSNH161155	5.1 Premium
PLTS-12317	105W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	250W MH	Yoke	B4-U0-G1	PLTSNH161153	5.1 Premium
PLTS-12318	140W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	400W MH	Slipfitter	B4-U0-G1	PLTSNH171155	5.1 Premium
PLTS-12319	140W	3000K / 4000K / 5000K	145°	>80	0-10V	120-277V	400W MH	Trunnion	B4-U0-G1	PLTSNH171152	5.1 Premium

*See Selectable Table for full breakdown

SELECTABLE TABLE

Wattage	CCT	Lumen	Efficacy
15	3000K	2097	140
	4000K	2259	151
	5000K	2194	146
25	3000K	3485	139
	4000K	3760	150
	5000K	3658	146
35	3000K	4642	133
	4000K	5034	144
	5000K	4864	139
60	3000K	7782	130
	4000K	8372	140
	5000K	8178	136
80	3000K	10,712	134
	4000K	11,509	144
	5000K	11,325	142
105	3000K	13,243	126
	4000K	14,129	135
	5000K	13,616	130
140	3000K	17,894	128
	4000K	19,158	137
	5000K	18,672	133

DIMMER COMPATIBILITY

Brand	Model
Leviton	SD710
Leviton	IP710
Legrand	RH4FBL3PW
Lutron	NFTV
Lutron	NTSTV
Lutron	DVTV

DIMENSIONS

15W-35W W/ KNUCKLE MOUNT

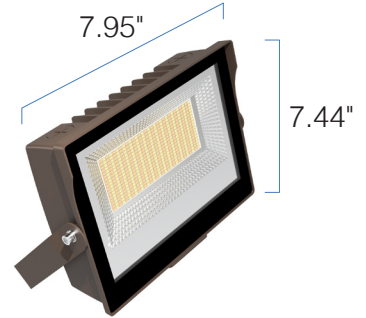
Length: 5.79"
Length (with mount): 9.21"
Width: 7.40"
Depth: 2.67"
Weight: 2.34 lbs
Weight (with mount): 2.65 lbs



Knuckle Mount Length: 3.47"
Knuckle Mount Width: 2.64"
Knuckle Mount Height: 1.89"

60W W/ YOKE MOUNT

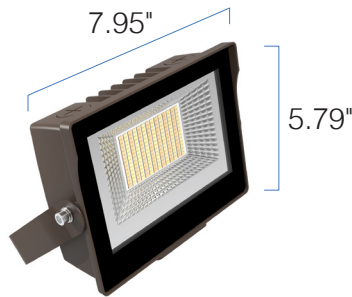
Length: 7.44"
Length (with mount): 9.13"
Width: 7.95"
Depth: 3.03"
Weight: 4.10 lbs
Weight w/ mount: 4.81 lbs



Yoke Length: 10.31"
Yoke Width: 6.02"
Yoke Height: 1.18"

15W-35W W/ YOKE MOUNT

Length: 5.79"
Length (with mount): 7.24"
Width: 7.95"
Depth: 2.60"
Weight: 2.34 lbs
Weight (w/ mount): 2.87 lbs



Yoke Length: 7.95"
Yoke Width: 4.92"
Yoke Height: 1.10"

80W 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"

60W W/ KNUCKLE MOUNT

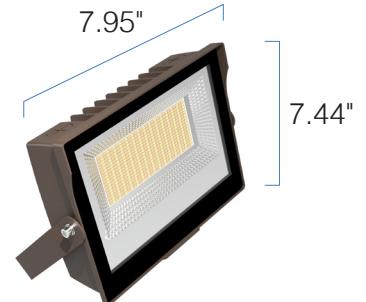
Length: 7.44"
Length (with mount): 10.91"
Width: 9.69"
Depth: 3.03"
Weight: 4.10 lbs
Weight (with mount): 4.41 lbs



Knuckle Mount Length: 3.47"
Knuckle Mount Width: 2.64"
Knuckle Mount Height: 1.89"

80W W/ YOKE MOUNT

Length: 7.44"
Length (with mount): 9.13"
Width: 7.95"
Depth: 3.03"
Weight: 4.41 lbs
Weight w/ mount: 5.11 lbs



Yoke Length: 10.31"
Yoke Width: 6.02"
Yoke Height: 1.18"

DIMENSIONS

105W W/ SLIPFITTER MOUNT

Length: 9.09"
Length (with mount): 15.94"
Width: 11.42"
Depth: 3.5"
Weight: 7.2 lbs
Weight w/ mount: 8.82 lbs



Slipfitter Length: 6.93"
Slipfitter Width: 4.88"
Slipfitter Height: 2.87"

140W W/ SLIPFITTER MOUNT

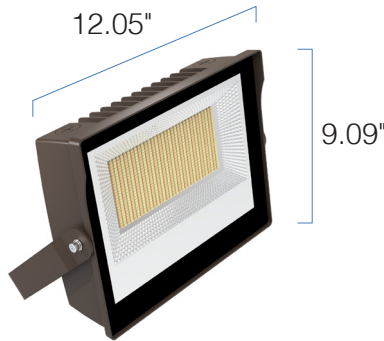
Length: 9.09"
Length (with mount): 15.94"
Width: 11.42"
Depth: 3.5"
Weight: 7.72 lbs
Weight (w/ mount): 9.08 lbs



Slipfitter Length: 6.89"
Slipfitter Width: 4.88"
Slipfitter Height: 2.87"

105W W/ YOKE MOUNT

Length: 9.09"
Length (with mount): 10.98"
Width: 12.05"
Depth: 3.5"
Weight: 7.72 lbs
Weight (w/ mount): 8.51 lbs



Yoke Length: 12.05"
Yoke Width: 7.13"
Yoke Height: 1.38"

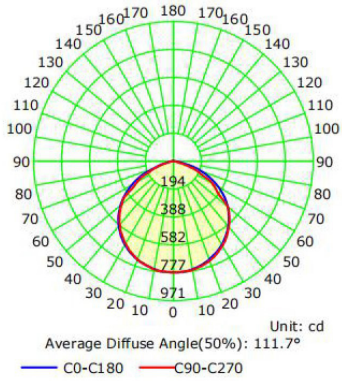
140W W/ TRUNNION MOUNT

Length: 9.09"
Length (with mount): 14.79"
Width: 11.41"
Depth: 3.5"
Weight: 7.72 lbs
Weight (w/ mount): 9.08 lbs

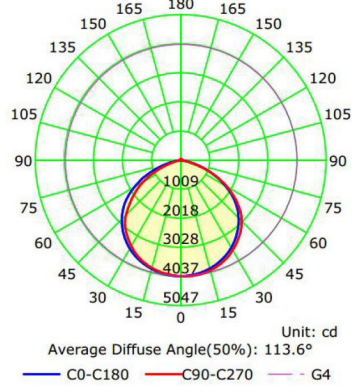


Trunnion Length: 7.13"
Trunnion Width: 5.35"
Trunnion Depth: 2.76"

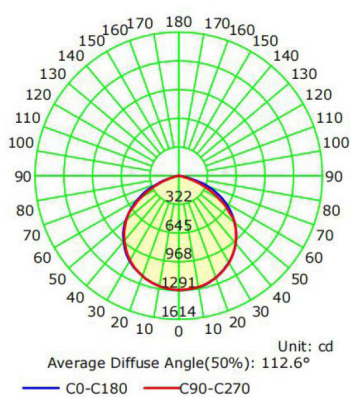
15W FLOOD FIXTURE



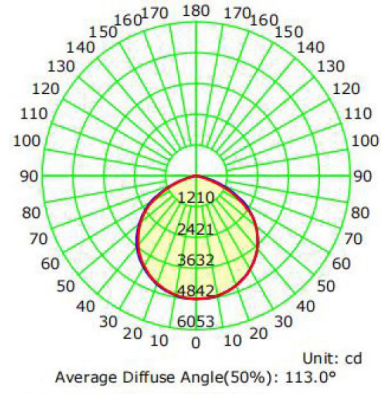
80W FLOOD FIXTURE



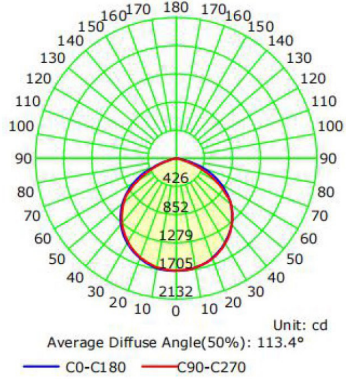
25W FLOOD FIXTURE



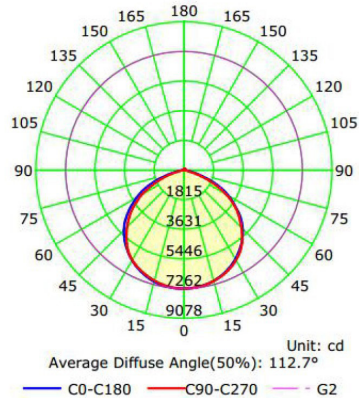
105W FLOOD FIXTURE



35W FLOOD FIXTURE



140W FLOOD FIXTURE



60W FLOOD FIXTURE

