

## DESCRIPTION

Improve security lighting around building perimeters by replacing existing metal halide fixtures with these more efficient wattage and color selectable LED wall packs featuring a semi-cutoff design and integrated photocell.

## FEATURES

- Delivers up to 151 LPW depending on the wattage selected
- Semi-cutoff design helps reduce light pollution while eliminating dark spots
- Integrated photocell for dusk till dawn operation
- Unique flat-lens design gives this low-profile fixture a sleek, modern look
- Replaces up to a 175W metal halide fixture
- Lumen output varies depending on the wattage and color temperature selected; see Selectable Table for full breakdown
- Compatible with 0-10V dimmers; see Compatible Dimmers section for full list of compatible dimmers
- Wattage and color temperature are adjusted via switches inside of the fixture; see installation instructions for more information

## LISTINGS

- UL Listed for wet locations
- IP65 Rated

## PERFORMANCE

- CRI: >80
- CCT: 3000K, 4000K, and 5000K
- LED L70 Life Hours @25°C: 140,000 hours
- Philips Lumileds LEDs
- BUG: B2-U2-G2

## ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 2.5kV

## THERMAL

- -40°F to 113°F (-40°C to 45°C) operating temperature

## CONSTRUCTION

- Die-cast aluminum housing with bronze finish
- Clear ribbed glass lens

## WARRANTY

- 5 year limited warranty; see [pltsolutions.com](http://pltsolutions.com) for warranty details

project name	type
catalog number	
comments	voltage
approved by	date



## APPLICATIONS

- General Security Lighting
- Pathways
- Loading Docks
- Building Perimeters

# PERFORMANCE SUMMARY

Item #	Watts*	CRI	CCT*	Lens	Dimming	Voltage	Replaces	Default Setting
PLT-12616	15/ 20/ 25	>80	3000K/ 4000K/ 5000K	Glass	0-10V	120-277V	MH150	25W, 5000K
PLT-12617	25/ 30/ 40	>80	3000K/ 4000K/ 5000K	Glass	0-10V	120-277V	MH175	40W, 5000K

\* See Selectable Table for full breakdown

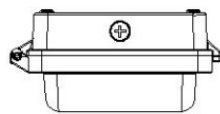
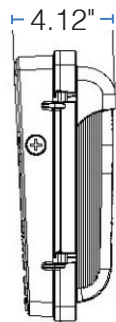
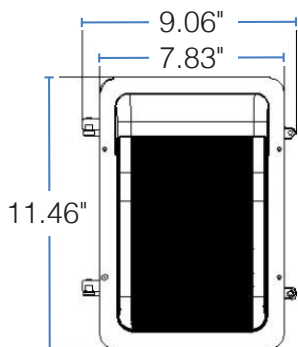
# SELECTABLE TABLE

SKU	Wattage	CCT	Lumen	Efficacy
PLT-12616	15	3000K	2094	140
		4000K	2164	144
		5000K	2271	151
	20	3000K	2525	126
		4000K	2630	132
		5000K	2744	137
	25	3000K	2957	118
		4000K	3076	123
		5000K	3171	127
PLT-12617	25	3000K	3357	134
		4000K	3593	144
		5000K	3492	140
	30	3000K	4061	135
		4000K	4247	142
		5000K	4322	144
	40	3000K	5318	133
		4000K	5481	137
		5000K	5472	137

# COMPATIBLE DIMMERS

Brand	Model
LEGRAND	RH4FBL3PTC
LEVITON	IP710-DLZ
LEVITON	DS710-10Z
LUTRON	NTSTV-DV-WH
LUTRON	NFTV-WH
LUTRON	DVSTV-WH

# DIMENSIONS

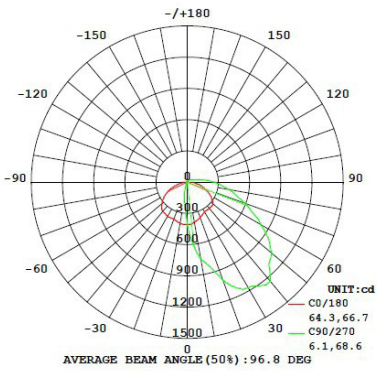


## **DIMENSIONS:**

Height: 11.46"  
 Width: 7.83"  
 Width (w/ hinges): 9.06"  
 Depth: 4.12"  
 Weight: 4.19 lb

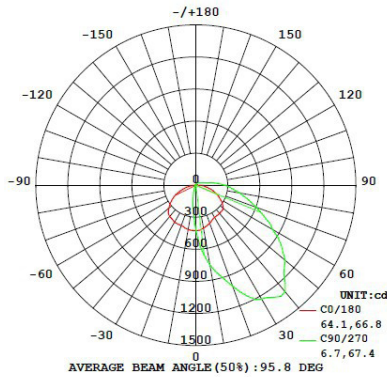
**PLT-12616 15W 3000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



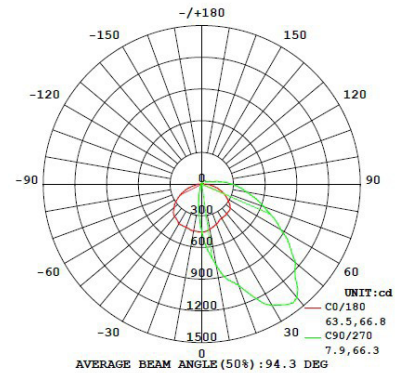
**PLT-12616 15W 4000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



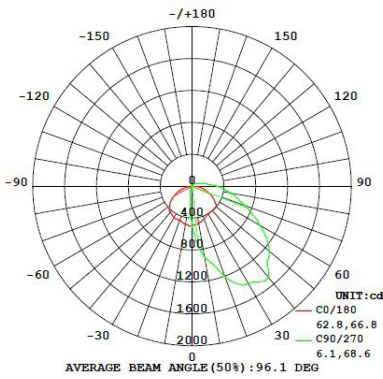
**PLT-12616 15W 5000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



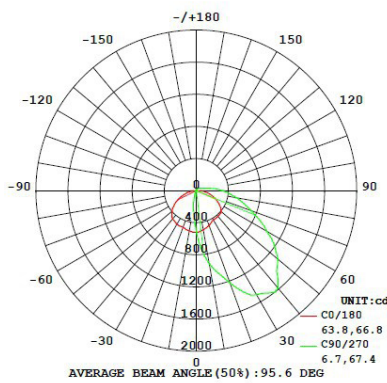
**PLT-12616 20W 3000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



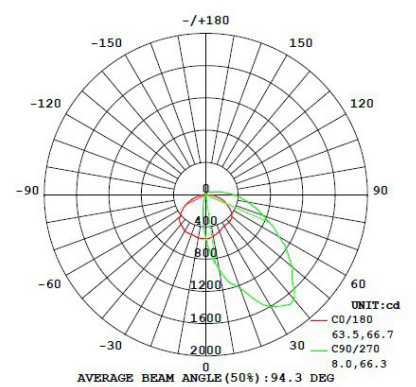
**PLT-12616 20W 4000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



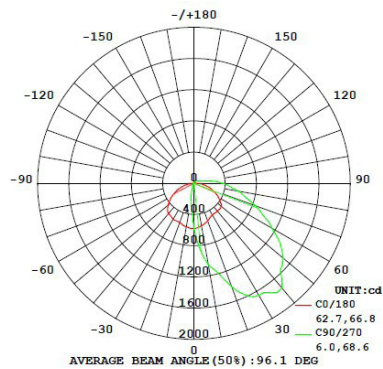
**PLT-12616 20W 5000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



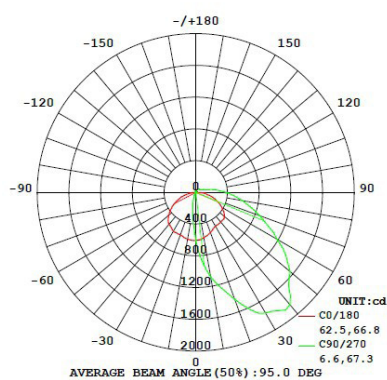
**PLT-12616 25W 3000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



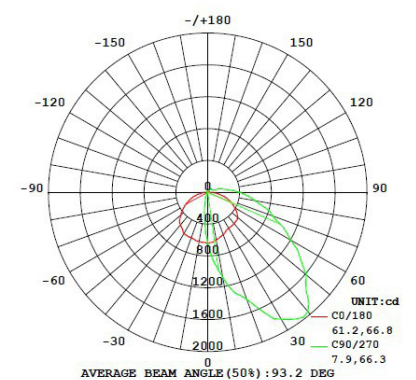
**PLT-12616 25W 4000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



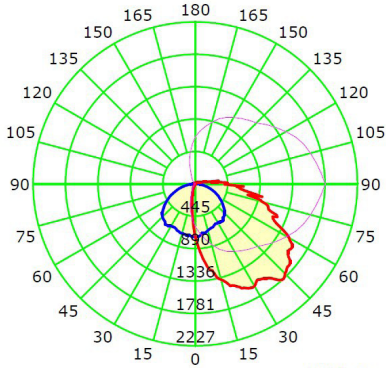
**PLT-12616 25W 5000K  
PHOTOMETRICS**

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



**PLT-12617 25W 3000K**  
**PHOTOMETRICS**

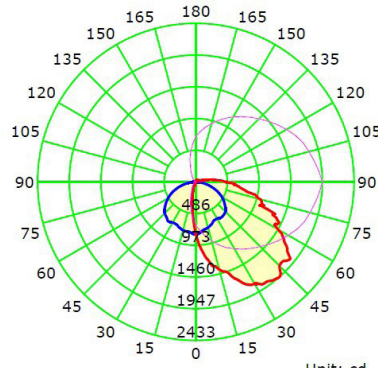
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 104.8°  
— C0-C180 — C90-C270 — G43

**PLT-12617 25W 4000K**  
**PHOTOMETRICS**

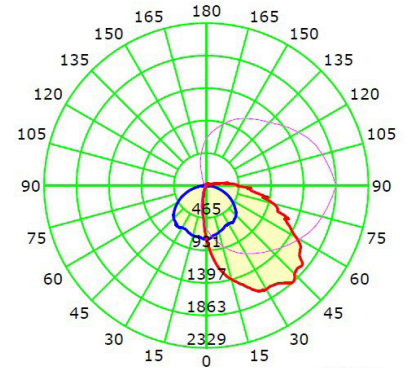
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 104.4°  
— C0-C180 — C90-C270 — G41

**PLT-12617 25W 5000K**  
**PHOTOMETRICS**

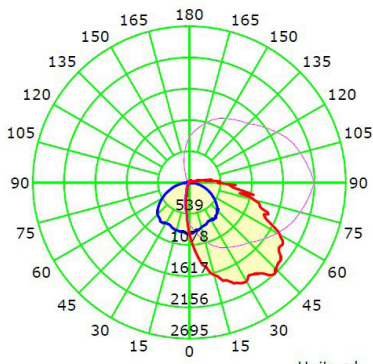
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 103.7°  
— C0-C180 — C90-C270 — G42

**PLT-12617 30W 3000K**  
**PHOTOMETRICS**

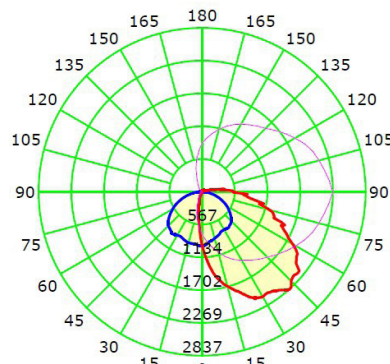
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 104.9°  
— C0-C180 — C90-C270 — G43

**PLT-12617 30W 4000K**  
**PHOTOMETRICS**

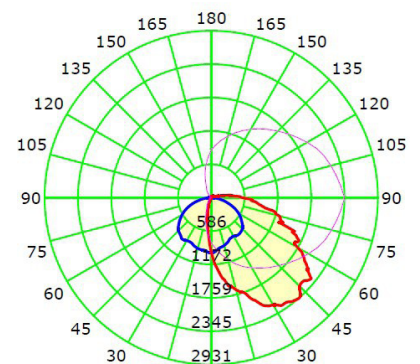
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 103.6°  
— C0-C180 — C90-C270 — G42

**PLT-12617 30W 5000K**  
**PHOTOMETRICS**

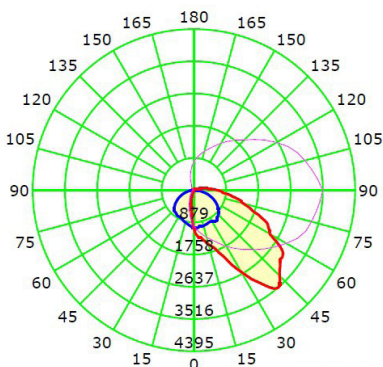
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 104.5°  
— C0-C180 — C90-C270 — G41

**PLT-12617 40W 3000K**  
**PHOTOMETRICS**

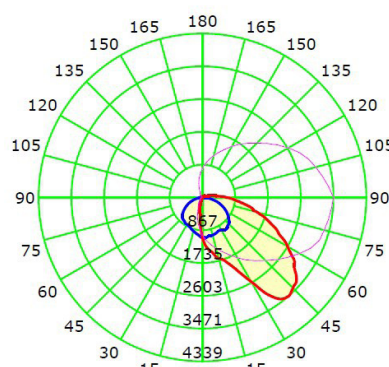
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 109.5°  
— C0-C180 — C90-C270 — G41

**PLT-12617 40W 4000K**  
**PHOTOMETRICS**

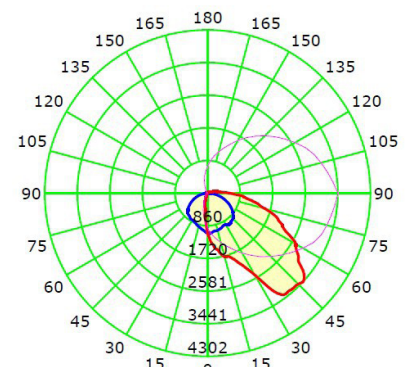
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 108.9°  
— C0-C180 — C90-C270 — G42

**PLT-12617 40W 5000K**  
**PHOTOMETRICS**

Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 107.6°  
— C0-C180 — C90-C270 — G43