project name	type
catalog number	
comments	voltage
approved by	date

DESCRIPTION

Replace 1000W metal halide fixtures with these energy-efficient wattage and color selectable LED area lights. Ideal for various outdoor applications such as parking lots, roadways, campuses, and airports, these durable fixtures allow you to select the desired wattage and color temperature in the field.

FEATURES

- Up to 160 LPW ultra-high efficiency delivers superior performance over older HID fixtures
- Output varies depending on the wattage and color temperature selected; see Selectable Table for full breakdown
- Type III light distribution projects light outwards with a lateral width of 40 degrees
- Type V light distribution projects light in a circular pattern with the same intensity at all angles
- 0-10V dimming
- Comes with 25" power cord
- Wattage and color temperature is selectable via switches on the driver of the fixture; see installation instruction for more information

LISTINGS

- UL Listed for wet locations
- IP65
- FCC Part 15, Part B, Class A
- BUG: B5-U3-G5, B5-U3-G4

PERFORMANCE

- CRI: 70
- CCT: 3000K, 4000K, & 5000K
- LED L70 Life Hours: 50,000 hours
- Surge Protection: 6kV
- Light Distribution: Type III, Type V

THERMAL

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

ELECTRICAL

- THD: <20%
- Power Factor: >0.95
- Input Voltage: 120-277V
- Dimmable power supply (0-10V)

WARRANTY

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

APPLICATIONS

- Parking Lots
- Automotive Dealerships
- Roadways
- Campuses
- Area Security Lighting
- Airports

WATTAGE AND COLOR SELECTABLE LED AREA LIGHTS

INSTALLATION

- Designed to be mounted with Excel Series and select Grandview Series slip fitters, straight arms, or U brackets (all sold separately), see Mounting Accessories section for full list of compatible products. See installation instructions for more information on how to install these fixtures.

CONSTRUCTION

- Low profile die-cast aluminum alloy housing
- Durable dark bronze powder coat finish
- Clear PC lens

PERFORMANCE SUMMARY

Item #	Watts	CCT*	CRI	Dimming	Voltage	Replaces	Light Distribution	BUG
PLT-12621	260/ 280/ 300	3000K/ 4000K/ 5000K	70	0-10V	120-277V	MH1000	Type III	B5-U3-G5
PLT-12622	260/ 280/ 300	3000K/ 4000K/ 5000K	70	0-10V	120-277V	MH1000	Type V	B5-U3-G4

See Selectable Table for full breakdown

SELECTABLE TABLE

Item #	Wattage	CCT	Lumen	Efficacy
PLT-12621	260	3000K	35,100	135
		4000K	40,300	155
		5000K	36,400	140
	280	3000K	36,400	130
		4000K	42,000	150
		5000K	37,800	135
	300	3000K	37,500	125
		4000K	43,500	145
		5000K	39,000	130
PLT-12622	260	3000K	36,400	140
		4000K	41,600	160
		5000K	37,700	145
	280	3000K	37,800	135
		4000K	43,400	155
		5000K	39,200	140
	300	3000K	39,000	130
		4000K	45,000	150
		5000K	40,500	135

MOUNTING ACCESSORIES

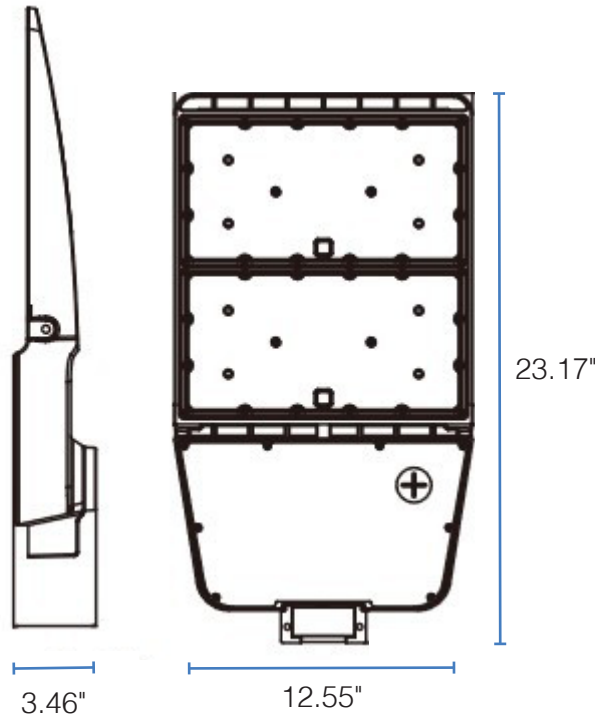| Item #	Family	Description
PLT-11565	Excel, Grandview	6 in. Aluminum Mounting Arm – For Square Poles - Bronze
PLT-11102	Excel, Grandview	Mounting Arm for Round or Square Pole - Bronze
PLT-11564	Excel, Grandview	2 3/8 in. Slipfitter Mount - Bronze
PLTS-11990	Excel	Adjustable U-Bracket – Bronze

DIMENSIONS

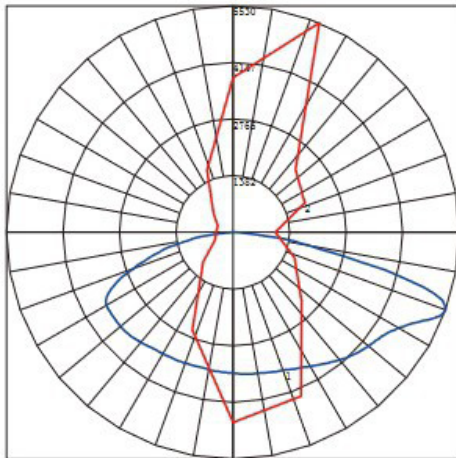## DIMENSIONS:

Length: 23.17"

Height: 3.46"

Width: 12.55"

Weight: 13.56 lbs

23.17"

3.46"   12.55"

PHOTOMETRICS

TYPE III

TYPE V