DESCRIPTION

Outlasting and outperforming 250W metal halide fixtures, this 100W LED area light is ideal for a variety of outdoor applications.

FEATURES

- Up to 135 LPW ultra-high efficiency delivers superior performance over older HID fixtures
- Type V light distribution projects light in a circular pattern with the same intensity at all angles
- 0-10V dimming
- Instant on with no warmup

LISTINGS

- IP65
- UL Listed for wet locations
- FCC Part 15, Part B, Class A
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance; DLC PN - PLTBF4323

PERFORMANCE

- CRI: 80+
- CCT: 4000K
- LED L70 Life Hours: ≥100,000 hours
- Surge Protection: 6kV
- Light Distribution: Type V
- Philips Lumileds LEDs and Sosen driver

THERMAL

- -40°F to 131°F (-40°C to 55°C) operating temperature

ELECTRICAL

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

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 housing
- Durable dark bronze powder coat finish

WARRANTY

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

project name		type
catalog number		
comments		voltage
approved by		date

APPLICATIONS

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

PERFORMANCE SUMMARY

Item #	Family	Watts	Lumens	LPW	CCT	CRI	Dimming	Voltage	Replaces	Light Distribution	DLC Level	DLC #
PLTS-11970	Excel Series	100	13500	135	4000K	80+	0-10V	120-277V	MH250	Type V	5.1 Premium	PLTBF4323

MOUNTING ACCESSORIES (SOLD SEPARATELY)

Item #	Family	Description
PLTS-11989	Excel Series	Adjustable U-bracket for 100W and 150W fixtures
PLTS-11990	Excel Series	Adjustable U-bracket for 220W and 300W fixtures
PLT-11564	Grandview Series	Slipfitter for Tenons up to 2.38" in Diameter
PLT-11565	Grandview Series	6" Mounting Arm for Square Poles
PLT-11102	Grandview Series	6" Mounting Arm for Square or Round Poles

DIMENSIONS

12.6"

13.8"

DIMENSIONS

Length: 13.8"

Height: 3"

Width: 12.6"

Weight: 8.7 lbs.

PHOTOMETRICS