DESCRIPTION

Providing a one-for-one replacement of up to 1000 Watt metal halide fixtures or 8 lamp fluorescent fixtures, these LED high bay fixtures come with a pre-installed motion sensor that turns the fixture on, off, and adjusts the light level depending on the amount of ambient light and room occupancy.

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date

FEATURES

- Up to 136 LPW ultra-high efficiency delivers superior performance over legacy HID high bays
- Pre-installed PIR motion sensor allows fixture to turn on or off automatically depending on the amount of light or activity detected in the area; see Motion Sensor Specifications for information on factory settings
- Optional remote control available to adjust motion sensor settings including light levels and daylight harvesting; remote must be less than 40 feet from the sensor/fixture that is being controlled; see PLT-90311 for more information

LISTINGS

- UL rated for damp locations
- IP20
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

PERFORMANCE

- CRI: 80
- CCT: 5000K
- LED L70 Life Hours @ 25°C: >100,000 hours

THERMAL

- -4°F to 122°F (-20°C to 50°C) operating temperature

ELECTRICAL

- THD: <20%
- Power Factor: >0.9
- Input Voltage: 120-277V
- Dimmable power supply (0-10V)
- Surge Protection: 2kV

INSTALLATION

- Designed for suspended mounting with included V-hooks and 3 ft. chains; see installation instructions for more information

CONSTRUCTION

- Stamped sheet metal housing with white finish
- Frosted PMMA lens protects LEDs while evenly distributing light

WARRANTY

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

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers

PERFORMANCE SUMMARY

Item #	Model	Watts	Lumens	LPW	CCT	CRI	Voltage	Replaces	Length	DLC #	DLC Level
PLT-80036	Linear	210	28,560	136	5000K	80	120-277V	MH400	1.7'	PLTM168512	5.1 Premium
PLT-80037	Linear	300	40,800	136	5000K	80	120-277V	MH1000	2.6'	PLTM179512	5.1 Premium

MOTION SENSOR SPECIFICATIONS

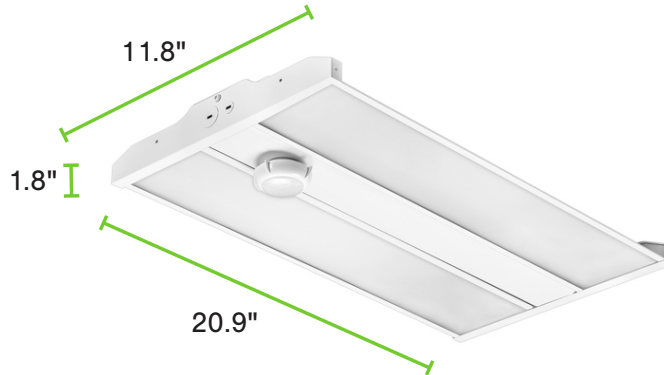|	
Input Voltage	12V DC
Power Consumption	0.1 Watt
Dimming	0-10V
Mounting Height	35' Max.
Sensor Range	80' Max. (40' on all sides of fixture)
Default Setting*	• Trim Level - 100% • Hold Time – 10 minutes • Standby Dim - 50% • Standby Time – 1 minute • Photocell - OFF
Dimming Level Setting**	0%, 10%, 30%, 50%, 75%, 100%
Delay Time Setting**	10s, 5min, 15min, 30min, 60 minutes, or ∞
Certification	UL

* Reset button returns sensor settings to preset mode, see PLT-90311 for more information
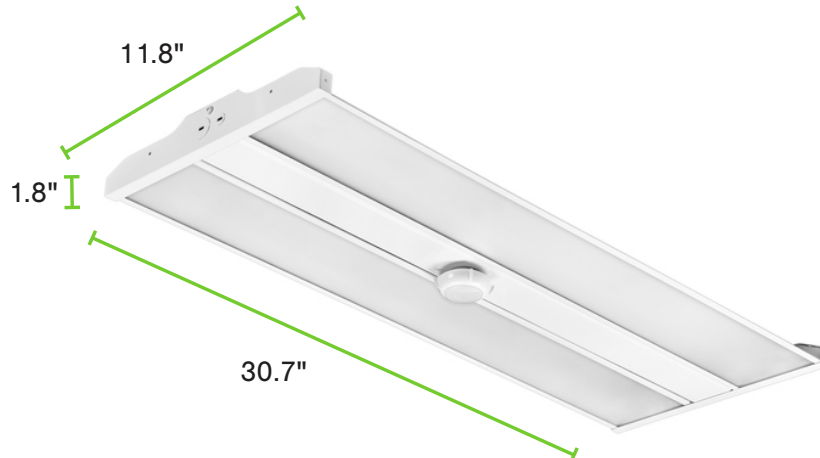** Adjustable only with remote, see PLT-90311 for more information

FIXTURE DIMENSIONS

210W DIMENSIONS

Length: 20.9"

Height: 1.8"

Width: 11.8"

Weight: 6.7 lbs

11.8"

1.8"

20.9"

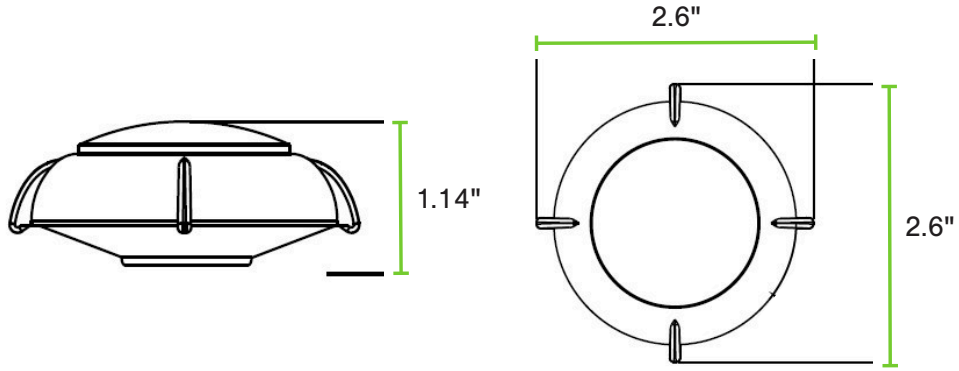## 300W DIMENSIONS

Length: 30.7"

Height: 1.8"

Width: 11.8"

Weight: 11.57 lbs

11.8"

1.8"

30.7"

DIMENSIONS

Diameter: 2.6"

Depth: 1.14"

1.14"

2.6"

2.6"

MOTION SENSOR COVERAGE

Coverage Top View