DESCRIPTION

Providing one-for-one replacement of metal halide or fluorescent fixtures, this LED high bay features rotatable panels that allow you to direct the light output in the direction needed.

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date

FEATURES

- Up to 162 LPW ultra-high efficiency delivers superior performance over older HID high bays
- LED panels rotate individually 135-degrees outwards
- Designed for high temperatures, operates up to 140-degrees
- Replaces up to a 1000W metal halide fixture or an 8-lamp fluorescent fixture
- 0-10V dimmable
- Optional motion sensor and remote control; see Accessories section 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 Horus: 160,000
- Philips Lumileds SMD LEDs

THERMAL

- -40°F to 140°F (-40°C to 60°C) operating temperature

ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 6kV
- Dimmable power supply (0-10V)

INSTALLATION

- Designed for suspended mounting with V-hooks and 3.28-foot chain included; see installation instructions for more information

CONSTRUCTION

- Aluminum iron housing with white finish
- Polycarbonate matte 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	Dimming	Voltage	Replaces	DLC #	DLC Level
PLT-12722	Linear	160	25,920	162	5000K	80	0-10V	120-277V	MH400	PLTSN4D11313	5.1 Premium
PLT-12723	Linear	215	34,615	161	5000K	80	0-10V	120-277V	MH1000	PLTSN4D21313	5.1 Premium
PLT-12724	Linear	320	50,560	158	5000K	80	0-10V	120-277V	MH1000	PLTSN4D31313	5.1 Premium

ACCESSORIES

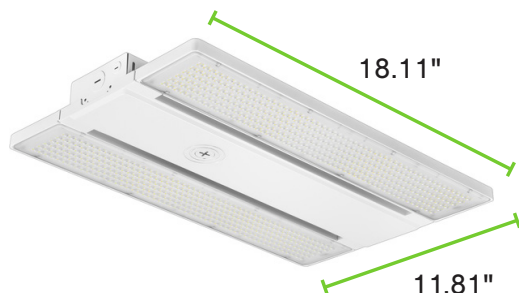| SKU	Description
PLT-12844	High Bay Occupancy Sensor and Photocell - Microwave – White - Screw-in Connector - 12 Volt
PLT-13121	High Bay Occupancy Sensor and Photocell – Passive Infrared (PIR) – White – Screw-In Connector – 12 Volt
PLTS-12281	Motion Sensor Remote

PHOTOMETRICS

DIMENSIONS

PLT-12722

Length: 18.11"

Height: 1.7"

Width: 11.81"

Weight – 6.17 lbs

18.11"

11.81"

PLT-12722

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 90.6°

C0-C180   C90-C270

PLT-12723

Length: 18.11"

Height: 1.7"

Width: 11.81"

Weight – 6.61 lbs

18.11"

11.81"

PLT-12723

Unit: cd

Average Diffuse Angle(50%): 90.8°

C0-C180   C90-C270
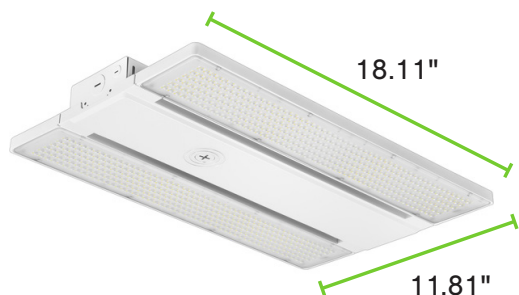
PLT-12724

Length: 23.03"

Height: 1.7"

Width: 11.81"

Weight – 8.37 lbs

23.03"

11.81"
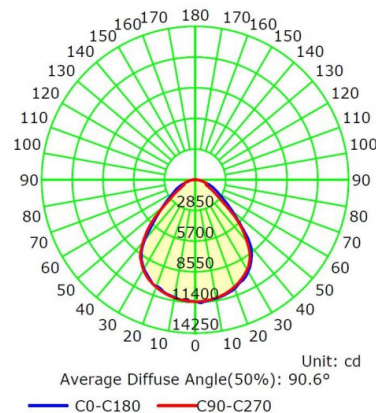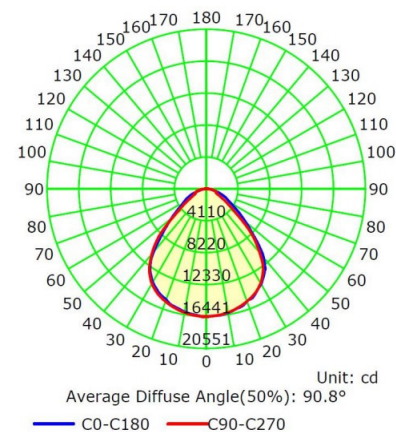
PLT-12724

Luminous Intensity Distribution Curve

Unit: cd

Average Diffuse Angle(50%): 86.8°

C0-C180   C90-C270   G3