



## DESCRIPTION

Featuring a low-profile design, these UFO LED high bays are a cost-effective solid-state solution for high bay applications, providing a one-for-one replacement of existing 400-Watt metal halide fixtures.

## FEATURES

- Up to 159 LPW ultra-high efficiency delivers superior performance over older HID high bays
- Efficiently replaces up to a 1000W metal halide fixture
- 6' power cord standard for more installation flexibility
- 0-10V dimming
- Optional sensors and remote control; see Accessories section for more information
- Optional u-bracket available for surface mounting; see Accessories section for more information
- Optional pipe adapters available for pendant mounting; see Accessories section for more information

## LISTINGS

- UL rated for wet locations
- IP65
- DesignLights Consortium® 5.1 Premium - meets the requirements for the highest DLC qualification for efficacy and lumen maintenance

## PERFORMANCE

- CRI: 80
- CCT: 3500K, 4000K, or 5000K
- LED L70 Life Hours:
  - 50,000 hours – PLT-13162
  - 140,000 hours – PLT-12559, PLT, 12560, PLT-12567, PLT-12637, PLT-12981, PLT-13077, PLT-13078
  - 145,000 – PLT-13162
  - 149,000 hours – PLT-13126, PLT-13127, PLT-13073 – PLT-13076, PLT-13130, PLT-13361

## THERMAL

- -40°F to 122°F (-40°C to 50°C) operating temperature

## ELECTRICAL

- THD: ≤20%
- Power Factor: ≥0.9
- Input Voltage: 120-277V
- Surge Protection: 6kV

## INSTALLATION

- Suspended mounting with included 10mm ring or surface mounting (u-bracket sold separately); see installation instructions for more information

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



## CONSTRUCTION

- Slim, lightweight die-cast aluminum construction allows for quick and easy installation
- PC lens protects LEDs while evenly distributing light
- Black or white finish

## WARRANTY

- 5-year limited warranty; see [pltsolutions.com](http://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	Finish	DLC #	DLC Level
PLT-12559	UFO	100	15,000	150	5000K	80	0-10V	120-277V	MH250	Black	PLTSN1B61422	5.1 Premium
PLT-12560	UFO	100	15,500	155	4000K	80	0-10V	120-277V	MH250	White	PLTSN1B61411	5.1 Premium
PLT-12567	UFO	240	35,250	146	5000K	80	0-10V	120-277V	MH1000	Black	PLTSN1B71422	5.1 Premium
PLT-12637	UFO	150	21,000	140	3500K	80	0-10V	120-277V	MH400	Black	PLTSN1B81423	5.1 Premium
PLT-12981	UFO	240	33,600	140	5000K	80	0-10V	277-480V	MH1000	White	PLTSN1B32412	5.1 Premium
PLT-13073	UFO	100	15,190	152	4000K	80	0-10V	120-277V	MH250	Black	PLTSN1B61421	5.1 Premium
PLT-13074	UFO	150	22,544	150	5000K	80	0-10V	120-277V	MH400	Black	PLTSN1B81422	5.1 Premium
PLT-13075	UFO	240	36,458	151	5000K	80	0-10V	120-277V	MH1000	Black	PLTSN1B714221	5.1 Premium
PLT-13076	UFO	240	36,458	151	5000K	80	0-10V	120-277V	MH1000	White	PLTSN1B714121	5.1 Premium
PLT-13077	UFO	240	36,458	151	5000K	80	0-10V	120-277V	MH1000	White	PLTSN1B71412	5.1 Premium
PLT-13078	UFO	150	22,544	150	4000K	80	0-10V	120-277V	MH400	White	PLTSN1B81411	5.1 Premium
PLT-13126	UFO	150	22,500	150	4000K	80	0-10V	120-277V	MH400	Black	PLTSN1B81421	5.1 Premium
PLT-13127	UFO	150	22,500	150	5000K	80	0-10V	120-277V	MH400	White	PLTSN1B81412	5.1 Premium
PLT-13130	UFO	100	15,906	159	5000K	80	0-10V	120-277V	MH250	White	PLTSN1B61412	5.1 Premium
PLT-13162	UFO	240	36,458	152	4000K	80	0-10V	120-277V	MH1000	Black	PLTSN1B71421	5.1 Premium
PLT-13361	UFO	240	36,458	151	4000K	80	0-10V	120-277V	MH1000	White	PLTSN1B71411	5.1 Premium

# ACCESSORIES



PLT-12844\*  
Microwave Sensor



PLT-13121\*  
Passive Infrared (PIR) Sensor



PLT-12281  
Sensor Remote

\*Plastic cap must be removed from prongs before installing the sensor to the fixture.



PLTS-12377



PLTS-12378



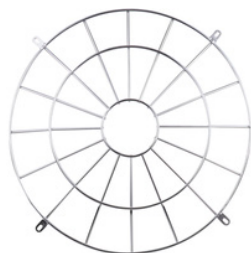
PLT-13072



PLT-13673  
Converts M10 to 3/4in NPS



PLT-13630  
Converts M10 to 3/4in NPS



PLT-13629



BF-10033



PLT-13628

## DIMENSIONS

### **PLT-12559, PLT-12637 DIMENSIONS**

Height w/ ring mount – 5.67"  
Diameter – 11.22"  
Weight – 5.14 lbs  
Ring Mount Thread Size: 10MM



### **PLT-13073, PLT-10374, PLT-13078 DIMENSIONS**

Height w/ ring mount – 5.67"  
Diameter – 11.22"  
Weight – 3.97 lbs  
Ring Mount Thread Size: 10MM



### **PLT-12560 DIMENSIONS**

Height w/ ring mount – 6.3"  
Diameter – 10.4"  
Weight – 5.14 lbs  
Ring Mount Thread Size: 10MM



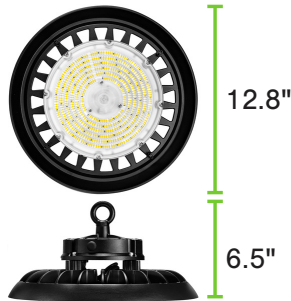
### **PLT-13075, PLT-13076, PLT-13162, PLT-13361 DIMENSIONS**

Height w/ ring mount – 7.3"  
Diameter – 12.8"  
Weight – 5.7 lbs  
Ring Mount Thread Size: 10MM



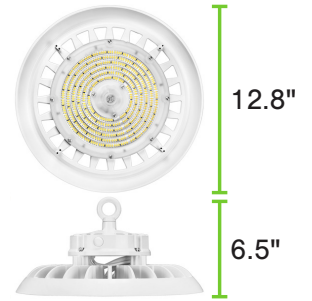
### **PLT-12567 DIMENSIONS**

Height w/ ring mount – 6.50"  
Diameter – 12.80"  
Weight – 5.14 lbs  
Ring Mount Thread Size: 10MM



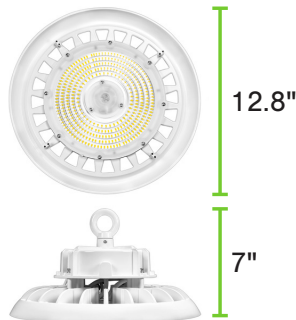
### **PLT-13077, PLT-13130 DIMENSIONS**

Height w/ ring mount – 6.5"  
Diameter – 12.8"  
Weight – 5.7 lbs  
Ring Mount Thread Size: 10MM



### **PLT-12981 DIMENSIONS**

Height w/ ring mount – 7"  
Diameter – 12.80"  
Weight – 7.26 lbs  
Ring Mount Thread Size: 10MM



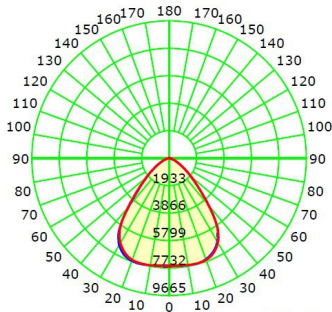
### **PLT-13126, PLT-13127 DIMENSIONS**

Height w/ ring mount – 5.7"  
Height w/ bracket – 7.20"  
Diameter – 11.22"  
Weight w/ ring mount – 3.97 lbs  
Ring Mount Thread Size: 10MM



**PLT-12559**

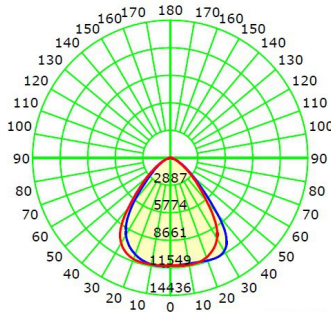
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 83.5°  
— C0-C180 — C90-C270

**PLT-12560**

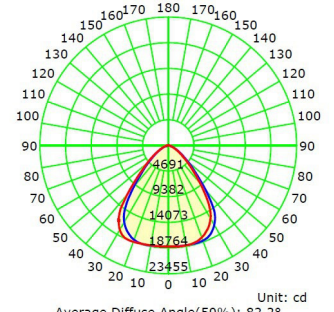
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 83.3°  
— C0-C180 — C90-C270

**PLT-12567**

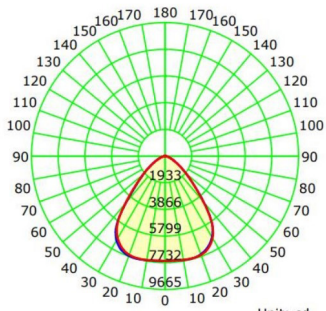
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 82.2°  
— C0-C180 — C90-C270

**PLT-13073**

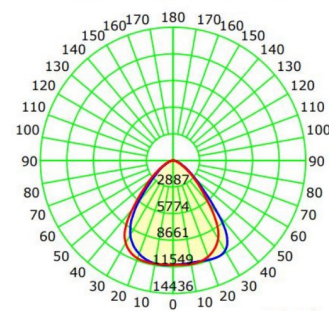
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 83.5°  
— C0-C180 — C90-C270

**PLT-13074**

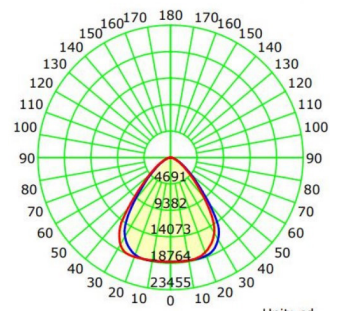
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 83.3°  
— C0-C180 — C90-C270

**PLT-13075 & PLT-13076**

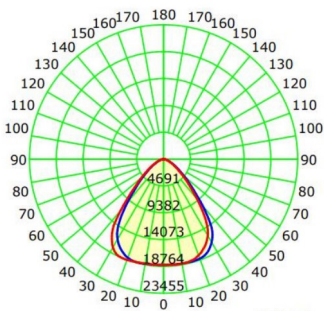
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 82.2°  
— C0-C180 — C90-C270

**PLT-13077**

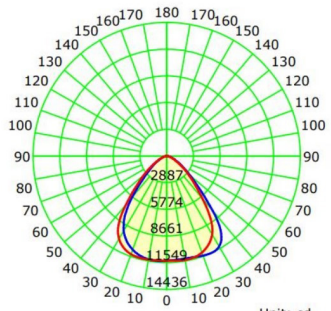
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 82.2°  
— C0-C180 — C90-C270

**PLT-13078**

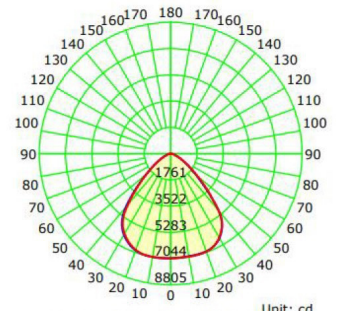
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 83.3°  
— C0-C180 — C90-C270

**PLT-13130**

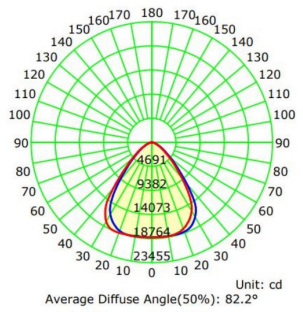
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 88.5°  
— C0-C180 — C90-C270

**PLT-13162**

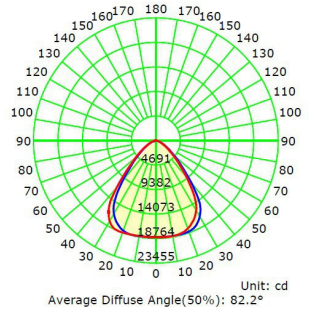
Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 82.2°  
— C0-C180 — C90-C270

**PLT-13361**

Luminous Intensity Distribution Curve



Unit: cd  
Average Diffuse Angle(50%): 82.2°  
— C0-C180 — C90-C270