



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 Mounting 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
- Philips Lumileds SMD LEDs

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 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

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

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

MOUNTING ACCESSORIES

SKU	Description
PLTS-12377	Adjustable U-Bracket - White
PLTS-12378	Adjustable U-Bracket - Black
PLT-13361	Adjustable Dual Hanger Bracket for UFO LED High Bays - Black

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



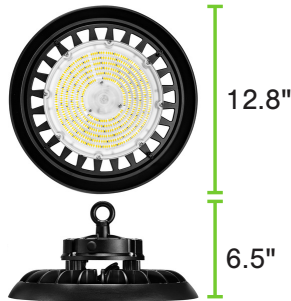
PLT-13075, PLT-13076, PLT-13162, PLT-13361 DIMENSIONS

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



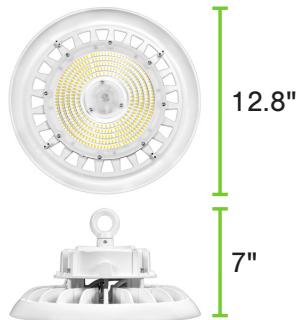
PLT-13077, PLT-13130 DIMENSIONS

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



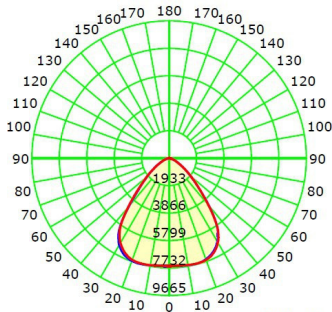
PLT-13126, PLT-13127 DIMENSIONS

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

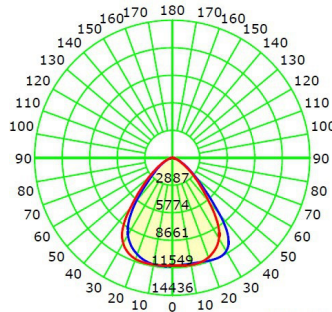
Luminous Intensity Distribution Curve



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

PLT-12560

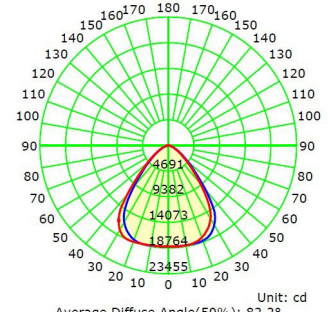
Luminous Intensity Distribution Curve



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

PLT-12567

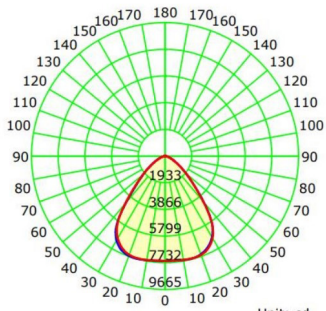
Luminous Intensity Distribution Curve



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

PLT-13073

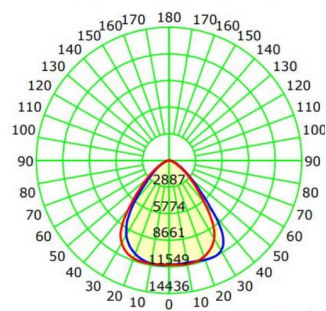
Luminous Intensity Distribution Curve



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

PLT-13074

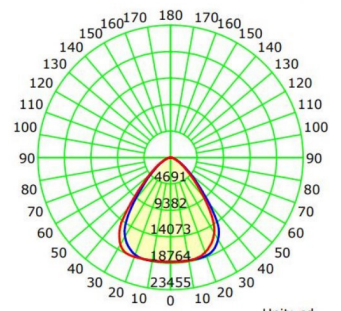
Luminous Intensity Distribution Curve



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

PLT-13075 & PLT-13076

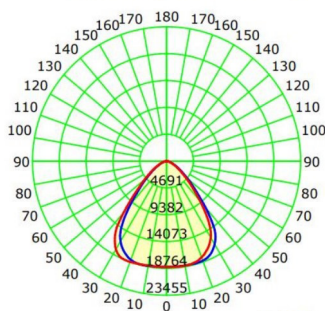
Luminous Intensity Distribution Curve



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

PLT-13077

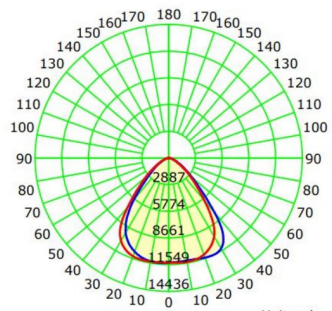
Luminous Intensity Distribution Curve



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

PLT-13078

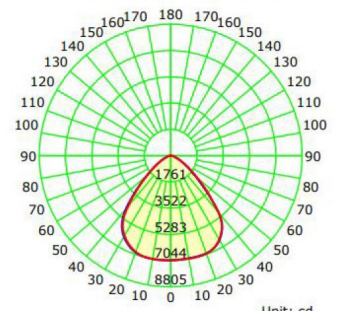
Luminous Intensity Distribution Curve



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

PLT-13130

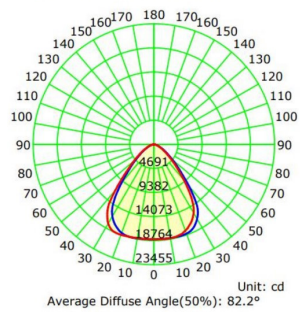
Luminous Intensity Distribution Curve



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

PLT-13162

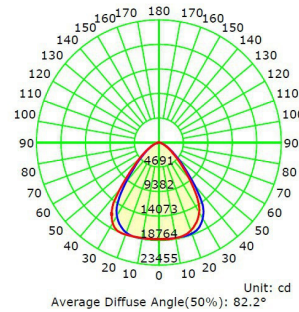
Luminous Intensity Distribution Curve



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