



Wattage & Color Selectable UFO LED High Bay

DESCRIPTION

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

FEATURES

- Delivers up to 170 LPW; output varies depending on wattage and color temperature selected, see Selectable table for full breakdown
- Beam angle can be adjusted by rotating the lens; 60, 90, and 120-degrees
- Efficiently replaces up to a 1000W metal halide fixture
- 0-10V dimming
- Optional sensors and remote control; see Accessories section for more information
- Wattage and color temperature can be adjusted using the dip switches located on the driver housing

LISTINGS

- UL rated for wet locations
- IP65
- IK09

PERFORMANCE

- CRI: 80
- CCT: 3500K, 4000K, or 5000K
- LED L70 Life Hours: 100,000 hours
- Beam Angle: 69°, 90°, 120°
- Seoul Semiconductor 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 mounts; see installation instructions for more information

CONSTRUCTION

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

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date



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*	CCT*	CRI	Dimming	Voltage	Beam Angle	Replaces	Finish
PLT-80059	UFO	85/ 120/ 150	3500K/ 4000K/ 5000K	80	0-10V	120-277V	60/ 90/ 120	MH400	Black
PLT-80060	UFO	140/ 190/ 240	3500K/ 4000K/ 5000K	80	0-10V	120-277V	60/ 90/ 120	MH1000	Black
PLT-80061	UFO	240/ 280/ 320	3500K/ 4000K/ 5000K	80	0-10V	120-277V	60/ 90/ 120	MH1000	Black

*See Selectable Table for full breakdown

SELECTABLE TABLE

Output data taken from 65° beam angle setting

SKU	Wattage	CCT	Lumens	LPW
PLT-80059	85	3500K	12,665	149
		4000K	14,280	168
		5000K	13,090	154
	120	3500K	17,040	142
		4000K	19,320	161
		5000K	17,640	147
	150	3500K	20,250	135
		4000K	23,100	154
		5000K	21,000	140
PLT-80060	140	3500K	21,463	155
		4000K	23,741	170
		5000K	22,443	160
	190	3500K	26,637	140
		4000K	29,464	155
		5000K	27,852	147
	240	3500K	30,986	129
		4000K	34,101	142
		5000K	32,356	135
PLT-80061	240	3500K	34,561	144
		4000K	37,571	157
		5000K	35,898	150
	280	3500K	38,689	138
		4000K	42,060	150
		5000K	40,188	144
	320	3500K	41,674	130
		4000K	45,328	142
		5000K	43,425	136

ACCESSORIES

SKU	Description
PLT-50427*	High Bay Occupancy Sensor and Photocell - Microwave – White - Screw-in Connector – 12-24 Volt
PLT-50426*	High Bay Occupancy Sensor and Photocell – Passive Infrared (PIR) – White – Screw-In Connector – 12-24 Volt
PLT-13137	Motion Sensor Remote

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

DIMENSIONS

PLT-80059

Height w/ Ring Mount – 6.1"

Diameter – 10.2"

Weight – 4.52 lbs

Ring Mount Thread Size: 10MM



PLT-80060

Height – 5.12"

Height w/ Ring Mount – 6.85"

Diameter – 13.4"

Weight – 6.28 lbs

Ring Mount Thread Size: 10MM



PLT-80061

Height w/ Ring Mount – 6.9"

Diameter – 15.4"

Weight – 8.6 lbs

Ring Mount Thread Size: 10MM

