

FAQ:

ROUND HIGH BAY GEN 2



Where would I use the HP high bay fixture?

The HP high bay is designed to replace traditional metal halide and HID high bays for various types of commercial and industrial applications such as warehouses, distribution centers, manufacturing facilities, auto showrooms, gymnasiums, retail and big box retailers. The HP high bay's slim profile (less than 5" in thickness), allows for convenient use in many applications without sacrificing aesthetic.

What makes the HP a better value than other LED high bays?

The HP high bay blends high performance with a premium aesthetic that is well suited to many industrial and commercial applications. The high bay features cutting-edge optics that deliver exceptional efficacy up to 158 lm/W with minimal glare. The high bay also features a high transmission polycarbonate diffuser, a profile as low as 5", integrated sensor design, and innovative patent-pending thermal heat sinks. The HP Series is designed for performance in high ambient temperatures up to 50°C. It is designed for cable, pendant, and surface mounting options to create a custom solution that meets any lighting requirement.

What advantages does the HP fixture have over traditional lighting?

Compared to traditional lighting sources, the HP LED high bay has significantly reduced input wattages that allow both energy and monetary savings in the long term. Overall, the return on investment is much higher than that of traditional lighting.

Which HP fixture should I use when converting from fluorescent?

HP LED Product	Comparable Metal Halide	HL LED Advantage
HP 90W	175W	49% less input watts
HP 130W	250W	48% less input watts
HP 160W	400W	60% less input watts
HP 185W	600W	69% less input watts

How much power does each lumen package consume?

CCT	Wattage	No Lens		Frosted Lens	
		Lumens	Efficacy (lm/W)	Lumens	Efficacy (lm/W)
4000K	90W	13,060 lm	147.7 lm/W	11,823 lm	133.8 lm/W
	130W	19,325 lm	148.3 lm/W	17,495 lm	134.4 lm/W
	160W	24,073 lm	150.8 lm/W	21,794 lm	136.6 lm/W
	185W	27,860 lm	154.3 lm/W	25,222 lm	139.7 lm/W
5000K	90W	13,384 lm	151.9 lm/W	12,100 lm	137.3 lm/W
	130W	19,797 lm	152.6 lm/W	17,897 lm	138.0 lm/W
	160W	24,627 lm	154.4 lm/W	22,264 lm	139.6 lm/W
	185W	28,501 lm	158.2 lm/W	25,766 lm	143.0 lm/W

What is the predicted life and maintenance schedule?

With 77% lumen maintenance (L77) at >100,000 hours, maintenance costs are minimal compared to traditional light sources especially since they require regular maintenance and lamp recycling. When considering the labor costs associated with constant maintenance, each HP will save hundreds of dollars over the life of the product.

What color temperatures are available?

5000K is the standard, stocked color temperature for the HP high bay. 4000K is available by special order. Please contact MaxLite for lead times, minimum order quantity and more information.

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How much does the product weigh?

The basic HP high bay can weigh up to 15lbs. Please note that any additional sensors, accessories, etc. will increase the weight of the basic product.

Can I save additional energy with optional controls?

Yes, the HP high bay can be outfitted with integrated motion sensor technology that is capable of occupancy sensing (on/off only), bi-level sensing, or daylight harvesting (meets California Title 24 compliance). These features work in tandem to ensure that the product only consumes energy when it must and adds significant energy savings.

What is the standard optic for the HP fixture?

The HP fixture comes standard with a diffused lens and wide beam distribution. Please consult datasheet for additional ordering information.

What options and accessories are available?

The HP high bay is available with standard options such as emergency battery backup, various motion sensors, high voltage (347-480V), frosted polycarbonate shade, and drop lens. In addition, various mounting accessories can be purchased separately.

Which options and accessories are field installable? Which are factory installed?

Everything listed as an “accessory” is installed in the field and is shipped separately from the product. Everything listed as an “option” is factory installed and cannot be added in the field. Please consult datasheet for additional information.

Are there any options that are mutually exclusive?

Yes, if the shade with drop lens is installed, the integrated sensor is no longer operational as the sensor is blocked. All options and accessories not listed above can be combined.

How is the fixture mounted?

The HP high bay comes suspension mounted using hook. The fixture can also be surface mounted with a wall mount kit or mounted using a 3/4” pipe. Please see mounting accessories section of datasheet for more information.

Is the HP fixture dimmable?

Yes, the drivers come standard with 0-10V dimming leads. With these leads, the product is capable of dimming down to 10%.

Is there an emergency battery backup option?

Yes, the product can be ordered with a factory installed emergency battery backup unit. It provides approximately 2,800 lumens for a minimum of 90 minutes during operation.

What is the operating temperature rating for this high bay?

The HP high bay operates from -40°F to 122°F (-40°C to 50°C).

What is the standard color rendering index (CRI)?

The LEDs in the HL have a CRI value of ≥ 80 .

What is the standard warranty?

Purchase of the HP fixtures comes with a 5 year limited warranty. Complete warranty terms are located at http://www.maxlite.com/resources/WarrantyPDFs/Maxlite_LED_Fixture_Warranty_083116.pdf. An optional 10 year warranty is also available under certain conditions. Please contact MaxLite for more information.

What parts are field replaceable?

All listed accessories including lens and shades are both field installable and field replaceable.

Does the HP fixture come in different colors?

The standard finish for the HP high bay is a white powder coating. No additional colors or finishes are available.

How do you ensure that the HP fixture is a high quality product?

To ensure maximum quality, each configuration is both tested to UL standards and tested to identify the electrical and thermal limits of the product. During assembly, components are selected and assembled according to industry standards and each fixture is thoroughly tested prior to shipment.