

FAQ:

BAYMAX HL SERIES HIGH BAY



Where would I use the HL Series High Bay fixture?

The HL Series High Bay is designed to replace traditional fluorescent high bays for various types of commercial and industrial applications such as warehouses, distribution centers, manufacturing facilities, and big box retailers. Measuring just 14" x 24", the HL high bay delivers the high lumen output associated with traditional fluorescent and HID high bays in a form factor one-quarter the size.

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

The HL can be configured with narrow or wide beam distributions, and emergency controls, for optimal lumen output and energy savings. It is designed for cable, pendant and surface mounting options, to create a custom solution that meets any lighting requirement.

What advantages does the HL fixture have over traditional lighting?

Compared to traditional lighting sources, the LED HL 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. In addition, the compact form factor means that the HL high bay has compatible lumen outputs at one-quarter the size of traditional linear high bay fixtures.

Which HL fixture should I use when converting from fluorescent?

HL LED Product	Comparable HID	HL LED Advantage
HL-100UW-50	250W	60% less input watts
HL-150UW-50	400W	63% less input watts
HL-200UW-50	400W+	50% less input watts

How much power does each lumen package consume?

HL LED Product	Input Watts	Lumens
HL-100UW-50	100W	13,400 lm
HL-150UW-50	150W	19,500 lm
HL-200UW-50	200W	25,000 lm

What is the predicted life and maintenance schedule?

With 70% lumen maintenance (L70) 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 HL high bay will save hundreds of dollars over the life of the product.

What color temperatures are available?

The HL high bay comes with a color temperature of 5000K as standard. Please contact MaxLite for additional color temperature information.

How much does the product weigh?

The HL high bay weighs a maximum of 15 lbs.

Can I save additional energy with optional controls?

Yes, the HL high bay can be outfitted with 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. This motion sensor device is sold already integrated into the product.

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What is the standard optic for the HL fixture?

The HL fixture comes standard with no lens and a wide beam distribution. Either a translucent lens or a reflector for narrow (aisle) beam optical distribution can be added as options. Please consult datasheet for additional ordering information.

What options and accessories are available?

The HL high bay is available with standard options such as emergency battery backup, motion sensors, high voltage (347-480V) transformer, translucent lens, and reflectors for aisle distribution. In addition, various mounting accessories and protective wire guard can be purchased separately.

What options and accessories are field installable? 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, the narrow reflectors for aisle distribution and translucent lens cannot appear on the same product. Because the translucent lens makes the beam spread diffused, the narrow reflectors will not be able to change the beam pattern into one that matches aisle distribution. All of the options not listed above (battery backup, motion sensor, high voltage, et cetera), as well as the accessories (wire guards, various mounting kits, et cetera), can be combined.

How can I mount this fixture?

The HL high bay can be suspension mounted with either a chain hanger or air craft cable (not included). The fixture can also be surface mounted with a surface mount kit or pendant mounted with a pendant or mono-stem mount kit. Please see mounting accessories section of datasheet for more information.

Can I dim the HL fixture?

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 1,800 lumens for a minimum of 90 minutes during operation.

What is the operating temperature for this high bay?

The HL operates from -20°C to 50°C for both the 100W and 150W models. The 200W model operates from -20°C to 40°C.

What is the standard color rendering index (CRI)?

The LEDs in the HL have a CRI value of 70.

What is the standard warranty?

Purchase of the HL 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

What parts are field replaceable?

None of the parts to the fixture are field replaceable.

Does the HL fixture come in different colors?

The standard HL fixture is a white finish.

How do you ensure that the HL 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.