

FAQ:

BAYMAX HL SERIES HIGH BAY - GEN 2



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 Linear High Bay Series can be configured with wide beam distributions, emergency controls, and various motion and daylight harvesting sensors for optimal lumen output and energy savings. Choose from 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 Fluorescent Product	HL LED Advantage
HL-090UF-xx	4 x 54W T5HO	58% less input watts
HL-130UF-xx	6 x 54W T5HO	60% less input watts
HL-160UF-xx	400W HID	60% less input watts
HL-185UF-xx	8 x 54W T5HO	57% less input watts

How much power does each lumen package consume?

HL High Bay	Input Watts	Lumens
HL-090UF-40	92.9	12,130
HL-130UF-40	133.7	17,540
HL-160UF-40	162.3	21,780
HL-185UF-40	179.2	24,950

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 Linear High Bay is available in 4000K and 5000K.

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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Is the HL high bay available in high voltage?

Yes, there is an option for a factory installed high voltage driver.

Is this HL high bay IP rated?

No, the HL high bay is not IP rated, but can be used in damp location environments without detriment

What is the standard optic for the HL fixture?

The HL fixture comes standard with diffused lenses and a wide beam distribution. 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, and high voltage (347-480V). In addition, various mounting accessories, hanging kits, and protective wire guard can be purchased separately.

Is the fixture remote controllable?

Yes, the MSC models of the HL can be controlled with a remote control (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.

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/mono-point mount kit. Please see mounting accessories section of datasheet for more information.

Is there a power whip available for the HL high bay?

Yes, various whips can be included as factory-installed options.

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 2,400 lumens for a minimum of 90 minutes during operation.

What is the operating temperature for this high bay?

The HL operates from -30°F to 122°F (-34°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 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?

All listed accessories, plus lens, are both field installable and field replaceable.

Does the HL fixture come in different colors?

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

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.