



Where would I use the I-BEAM® LED (IBL) high bay?

The I-BEAM LED luminaire was designed to match the lumen output and footcandle levels produced by fluorescent high bays. Ideal for warehouses, manufacturing, gymnasiums, convention centers and other large indoor spaces with mounting heights from 15 to 40 feet. With four lumen packages and two optical distributions to choose from, the I-BEAM LED fixture has a configuration to fit your industrial application.

What makes the I-BEAM LED a better value than other LED high bays?

The base unit uses the same electronics and quality controls as a fully optioned model. The fixture ships with a premium reflector, redundant electrical systems, high efficiency drivers and 0-10V dimming – all in a rigid and attractive solution that is less than 18 pounds.

What advantage does the I-BEAM LED fixture have over traditional fluorescent lighting?

Input wattage is significantly reduced compared to traditional sources. Provides payback in as little as two years and a high return on investment over the life cycle when compared to traditional sources.

What is the predicted life and maintenance schedule?

With 92% lumen maintenance (L92) at 60,000 hours and a predicted useful life beyond 100,000 hours, maintenance costs are minimal. Fluorescent fixtures require regular maintenance and lamp recycling known to range from \$125 to \$200 per luminaire given the cost of labor and replacement parts. When you consider the costs associated with lamp changes, the I-BEAM LED luminaire will save you hundreds of dollars over the useful life of the product.

Which I-BEAM LED fixture should I use when converting from fluorescent or HID?

I-BEAM LED	Comparable Fluorescent/HID	I-BEAM LED Advantages
IBL 9L	2-lamp T5HO	6% less input watts
	4-lamp T8	10% less input watts
IBL 12L	250W HID	54% less input watts
	4-lamp T5HO	14% less input watts
IBL 18L	6-lamp T8	9% less input watts
	400W HID	54% less input watts
IBL 24L	6-lamp T5HO	26% less input watts
	8-lamp T8	8% less input watts

How much power does each lumen package consume?

	INPUT WATTS			
	120V	277V	347V	480V
IBL 9L	103	98	107	106
IBL 12L	134	131	142	141
IBL 18L	213	199	213	211
IBL 24L	262	258	284	281

Can I save additional energy with optional controls?

Yes, and it is a great way to maximize your return on investment. The I-BEAM LED fixture can be equipped with an occupancy sensor, photocell, nLight® and nWiFi. These devices are factory-installed and require minimal labor to set up during fixture installation.

Can I dim the I-BEAM LED high bay?

Yes. The drivers come standard with 0-10V dimming leads. They are capable of variable dimming down to 10%.

Can the I-BEAM LED high bay become nLight® or nWiFi enabled for individual fixture control?

Yes. nLight is a revolutionary system that cost-effectively combines time-based and sensor-based lighting controls. The digital interface allows for quick and easy modifications to the time delays, photocell sensitivity and light levels at the individual fixture level.

Is there an emergency battery pack option?

Yes. We can factory-install an emergency battery pack in the center channel; cannot be installed in the field. This option will provide 1,500 lumens (nominal) for a minimum of 90 minutes.

Will the I-BEAM LED fixture provide the same light output regardless of the ambient temperature in which it is installed?

No. Much like fluorescent lighting, LED output varies with temperature. It offers higher light levels at colder temperatures. In hot environments, the relative light output decreases at about the same rate as comparable fluorescent high bay sources.

What is the standard color rendering index (CRI)?

The standard LEDs are 70 CRI. Meets DLC requirements for *High Bay and Low Bay Fixtures for Commercial and Industrial Buildings* (category 15) and *High Bay Aisle Lighting* (category 16).

How does I-BEAM LED control glare?

A semi-diffuse acrylic diffuser is available to cover the emitters and reflectors. It can be factory-or field-installed.

What options and accessories are available?

I-BEAM LED is available with the vast majority of I-BEAM IBZ offerings. Some items, such as shielding and wire guards are different in shape, but equivalent in performance. Other accessories, such as hangers, cords and sensors are identical and interchangeable with I-BEAM IBZ.

Does the I-BEAM LED high bay come in different colors?

The standard fixture is two-toned with a white body and textured dark gray channel and end caps. An all-white version is optional.

Where is the I-BEAM LED fixture assembled?

The I-BEAM LED is assembled in Mexico.

What parts are field replaceable?

LED boards, drivers, fusing and lensing are all field replaceable.

As with most LED solutions, the upfront cost is higher than traditional sources. What is being done to ensure the product reliability that is expected?

Prior to production, each configuration is tested to UL standards, and further subjected to testing that identifies the electrical and thermal limits of the product. During assembly, components are selected and assembled according to IPC-A-610 standards and each fixture is thoroughly tested prior to shipment.

What is the standard warranty?

There is a 5-year limited warranty. Complete warranty terms are located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

