

# I-BEAM® IBE LED High Bay

## Frequently Asked Questions

### What applications are best suited for the I-BEAM® IBE LED high bay products?

The IBE LED family is suitable for mounting heights from 10' to 40'. It is ideal in controlled environments such as warehousing, gymnasiums, big-box retail and light industrial spaces. IBE is UL listed to 45°C ambient with a thermal management system allowing for safe operation during times when temperatures rise up to 55°C\*. This means, IBE is designed to be able to withstand occasional and temporary periods of time when the temperature at the ceiling rises above 45°C, up to 55°C. For applications involving continuous and sustained high temperatures, we recommend a fixture with more robust temperature listings such as IBG, JCBL and JHBL.

\*Prolonged use at 55°C may impact long-term performance.

### How does the thermal management system work?

The class P driver lowers its output current when it gets too hot, protecting itself. Thus, the light level will be lowered.

### What lumen packages are available?

12,000 lumens, 15,000 lumens, 18,000 lumens, 22,000 lumens, and 30,000 lumens. Lumen packages are nominal.

### What are the fluorescent and HID crosses for the 12,000 to 30,000 lumen products?

Length	Lumen Package	Comparable Light Source
L24	12000LM	175W MH, 4-lamp T8 HBF, 2-lamp T5HO
	15000LM	200W MH, 6-lamp T8 NBF
	18000LM	250W MH, 6-lamp T8 HBF, 4-lamp T5HO
	22000LM	400W MH, 6-lamp T5HO
L48	18000LM	250W MH, 6-lamp T8 HBF, 4-lamp T5HO
	22000LM	400W MH, 6-lamp T5HO
	30000LM	575W MH, 10-lamp T8 HBF

### What color temperatures and CRI are available?

4000K and 5000K are available in 80 CRI.

### Is the IBE in stock?

Yes, 12LM through 22LM packages are stocked in 2-foot only in distribution centers for immediate shipment.



### Is surge protection standard?

6kV surge protection is standard on all MVOLT units. 10kV surge protection is standard on all HVOLT units. For additional surge protection on MVOLT select the SPD option for a total of 10kV surge protection.

### Does the IBE use a step down transformer for HVOLT?

No, it does not, we have HVOLT drivers.

### How do I dim the fixture?

0-10V dimming, down to 10% is standard. Simply connect to any 0-10V commercial dimmer that is LED compatible. We suggest any of the following:

- ISD wallbox dimmer
- SYRSP wall station
- MLS dimming system

### Is the IBE controllable, other than dimming?

The IBE fixture can be ordered with the popular LSXR sensor.

### Is the IBE DesignLights Consortium® (DLC) Qualified?

Yes, check the DLC Qualified Products List at [www.designlights.org](http://www.designlights.org) to confirm which versions are qualified.

### Is there an emergency battery pack option?

Yes, this factory-installed option provides greater than 2000 lumens (depending on the optic and color temperature) for a minimum of 90 minutes.

\*not available @347/480V

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### What options and accessories are available?

IBE is available with an ATC lens, an SD080 lens to match the IBH, or without a lens. Additional options include factory-installed sensors, cords and a wire guard. Consult the specification sheet for details.

### How is IBE listed?

IBE LED high bay is UL and CUL listed to U.S. and Canadian standards. It is damp location listed in the ambient range of -40°F (-40°C) to 113°F (45°C).

IBH Existing			IBE Contractor Select Offering			Need IBE 18L and 24L in a 4-foot to match existing IBH form factor?		Need IBE 18L and 24L in a 4-foot to match existing IBH form factor and lens?	
IBH Nomenclature	Length	UPC	IBE Nomenclature	Length	UPC	IBE Nomenclature	Length	IBE Nomenclature	Length
IBH 12L MVOLT	<b>2-foot</b>	889804709100	IBE 12LM MVOLT 40K	<b>2-foot</b>	191848491010				
IBH 12000LM SD080 MD MVOLT OZ10 50K 80CRI WH	<b>2-foot</b>	889804681499	IBE 12LM MVOLT 50K	<b>2-foot</b>	191848491096				
IBH 15000LM SD080 MD MVOLT OZ10 40K 80CRI WH	<b>2-foot</b>	889804708370	IBE 15LM MVOLT 40K	<b>2-foot</b>	191848194133				
IBH 15000LM SD080 MD MVOLT OZ10 50K 80CRI WH	<b>2-foot</b>	889804708370	IBE 15LM MVOLT 50K	<b>2-foot</b>	191848491058				
IBH 18L MVOLT	<b>4-foot</b>	889804710472	IBE 18LM MVOLT 40K	<b>2-foot</b>	191848491027	IBE L48 18000LM ATC MD MVOLT GZ10 40K 80CRI DWH	<b>4-foot</b>	IBE L48 18000LM SD080 MD MVOLT GZ10 40K 80CRI DWH	<b>4-foot</b>
IBH 18000LM SD080 MD MVOLT OZ10 50K 80CRI WH	<b>4-foot</b>	889804711738	IBE 18LM MVOLT 50K	<b>2-foot</b>	191848491072	IBE L48 18000LM ATC MD MVOLT GZ10 50K 80CRI DWH	<b>4-foot</b>	IBE L48 18000LM SD080 MD MVOLT GZ10 50K 80CRI DWH	<b>4-foot</b>
IBH 24L MVOLT	<b>4-foot</b>	889804710335	IBE 22LM MVOLT 40K	<b>2-foot</b>	191848491195	IBE L48 22000LM ATC MD MVOLT GZ10 40K 80CRI DWH	<b>4-foot</b>	IBE L48 22000LM SD080 MD MVOLT GZ10 40K 80CRI DWH	<b>4-foot</b>
IBH 24000LM SD080 MD MVOLT OZ10 50K 80CRI WH	<b>4-foot</b>	889804712032	IBE 22LM MVOLT 50K	<b>2-foot</b>	191848491133	IBE L48 22000LM ATC MD MVOLT GZ10 50K 80CRI DWH	<b>4-foot</b>	IBE L48 22000LM SD080 MD MVOLT GZ10 50K 80CRI DWH	<b>4-foot</b>