

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, light industrial and manufacturing spaces. IBE is CSA listed to 45°C ambient, with a thermal management system allowing for safe operation during times when temperatures rise, up to 55°C*.

*Prolonged use at 55°C may impact long-term performance, may not be covered by warranty.

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 distribution centers for immediate shipment.



Is surge protection standard?

6kV surge protection is standard on all units. Additional SPD device standard on HVOLT, optional on MVOLT, for a total of 10kV.

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?

Please check the DLC Qualified Products List 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 in medium distribution, with an ATC lens, with 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 bay light is UL and CUL listed to U.S. and Canadian standards. It is damp location listed and reliably operates 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 2X4 to match existing IBH form factor?		Need IBE 18L and 24L in a 2X4 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	2-foot	889804709100	IBE 12LM MVOLT 40K	2-foot	191848491010				
IBH 12000LM SD080 MD MVOLT OZ10 50K 80CRI WH	2-foot	889804681499	IBE 12LM MVOLT 50K	2-foot	191848491096				
IBH 15000LM SD080 MD MVOLT OZ10 40K 80CRI WH	2-foot	889804708370	IBE 15LM MVOLT 40K	2-foot	191848194133				
IBH 15000LM SD080 MD MVOLT OZ10 50K 80CRI WH	2-foot	889804708370	IBE 15LM MVOLT 50K	2-foot	191848491058				
IBH 18L MVOLT	4-foot	889804710472	IBE 18LM MVOLT 40K	2-foot	191848491027	IBE L48 18000LM ATC MD MVOLT GZ10 40K 80CRI DWH	4-foot	IBE L48 18000LM SD080 MD MVOLT GZ10 40K 80CRI DWH	4-foot
IBH 18000LM SD080 MD MVOLT OZ10 50K 80CRI WH	4-foot	889804711738	IBE 18LM MVOLT 50K	2-foot	191848491072	IBE L48 18000LM ATC MD MVOLT GZ10 50K 80CRI DWH	4-foot	IBE L48 18000LM SD080 MD MVOLT GZ10 50K 80CRI DWH	4-foot
IBH 24L MVOLT	4-foot	889804710335	IBE 22LM MVOLT 40K	2-foot	191848491195	IBE L48 22000LM ATC MD MVOLT GZ10 40K 80CRI DWH	4-foot	IBE L48 22000LM SD080 MD MVOLT GZ10 40K 80CRI DWH	4-foot
IBH 24000LM SD080 MD MVOLT OZ10 50K 80CRI WH	4-foot	889804712032	IBE 22LM MVOLT 50K	2-foot	191848491133	IBE L48 22000LM ATC MD MVOLT GZ10 50K 80CRI DWH	4-foot	IBE L48 22000LM SD080 MD MVOLT GZ10 50K 80CRI DWH	4-foot