

Light industrial LED lighting

Introducing

IHB series LED industrial high bay luminaires

Complete portfolio of light industrial high bay solutions

IHB series LED luminaires are the perfect replacement for 250W-1,500W+ HID and 2-10 lamp T8, T12 and T5HO fluorescent high bay fixtures. Designed for locations requiring continuous and consistent light levels, requiring frequent on-and-off of lights and that are difficult to re-lamp.

Applications:

- Locations requiring continuous and consistent light levels
- Areas requiring frequent on-and-off of lights
- Areas that are difficult to re-lamp or that cause production to be stopped during the lamp maintenance process
- Ordinary clean, light industrial production facilities, packaging facilities and warehouses

Key features & benefits:

- High efficacy: up to 117 LPW
- 80 CRI
- Up to 67% energy savings over traditional HID fixtures
- Complete portfolio replaces 250W-1,500W+ HID and 2-8 lamp T8, T12 and T5HO fluorescent lamps
- Customer payback of 1-3 years and lower total cost of ownership compared to HID and fluorescent lighting
- Versatile mounting options
- Optional 0-10V dimming capabilities
- Damp location rated
- Operating ambient: -40°C to +60°C*
- 5 year fixture warranty†

*5 year warranty at 40°C average operating ambient temperature.

†Refer to page 2 of the D-0914 authorized distributor price book for Crouse-Hinds standard Terms and Conditions.

Electrical specifications:

Model	Equivalent luminaires		Voltage	@ 120V				
	HID	Fluorescent		PF	THD	Wattage	Lumens*	Efficacy
IHB16L	250-500W	4 lamp T5HO	120	.99	8%	145	16,900	117
IHB24L	400-750W	4-6 lamp T5HO	120	.99	7%	216	25,350	117
IHB32L	500-1,000W	6-8 lamp T5HO	120	.99	8%	289	33,800	117
IHB48L	750-1,500W	8-10 lamp T5HO	120	.99	8%	436	50,700	116
IHB64L	1,000-1,500W+	10 lamp T5HO	120	.99	8%	582	67,600	116

*Preliminary typical values (+/- 10%); data subject to change. 8L option available; consult product line for availability.

‡Approved models include: IHB16L/UNV1; IHB16L/UNV34; IHB24L/UNV1; IHB24L/UNV34; IHB32L/UNV1; IHB32L/UNV34; IHB48L/UNV1; IHB48L/UNV34; IHB64L/UNV1; IHB64L/UNV34. Refer to www.designlights.org Qualified Products List under Family Models for full listing details. Not all models are approved for all application categories.



Certifications:

- UL1598 Luminaires
- UL8750 LED
- cULus
- Damp location
- DesignLights Consortium® Qualified (some models are not DLC qualified)‡

Mounting options:

- ¾" pendant mount
- Jack chain
- Aircraft cable

Materials:

Housing and heat sinks:

- Anodized aluminum

LED assembly:

- Assembly – polycarbonate
- Lens – tempered glass or polycarbonate

Gaskets:

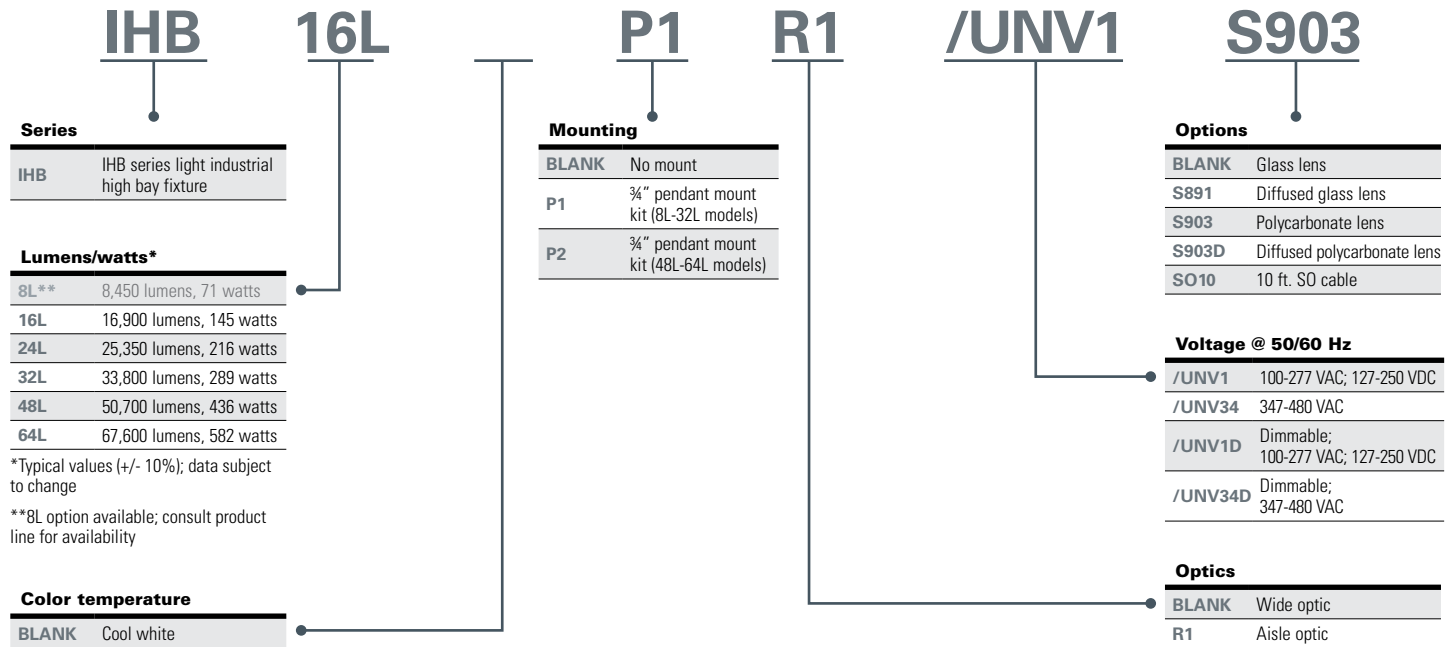
- Silicone

Ordering information

Part number example

IHB16LP1R1 /UNV1 S903

IHB series high bay LED, 16,900 lumens, 145 watts, cool white, ¾" pendant mount, aisle optics, 100-277 VAC/127-250 VDC driver, polycarbonate lens



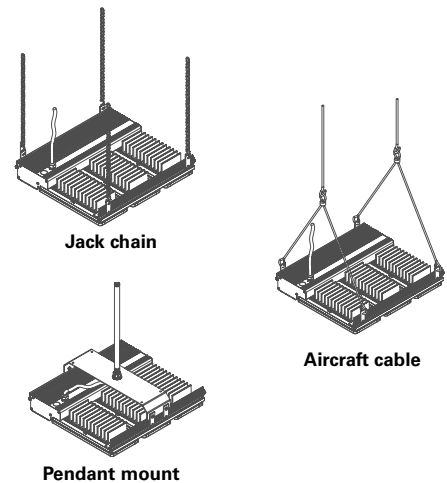
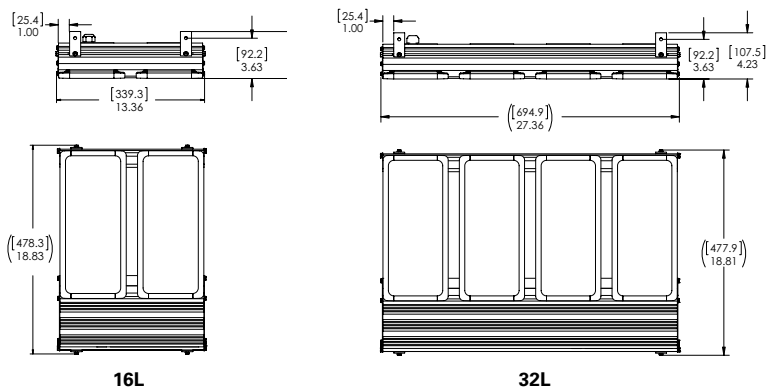
Mounting kits (ordered separately)

IHBP1 KIT	¾" pendant mount kit (8L-32L models)
IHBP2 KIT	¾" pendant mount kit (48L-64L models)
IHBJ1 KIT	48" jack chain kit
IHBJ2 KIT	72" jack chain kit
IHBJ3 KIT	96" jack chain kit
IHBJ4 KIT	120" jack chain kit
IHBJ5 KIT	144" jack chain kit
IHBA1 KIT	40" aircraft cable kit
IHBA2 KIT	80" aircraft cable kit
IHBA3 KIT	120" aircraft cable kit
IHBA4 KIT	180" aircraft cable kit

Replacement drivers (ordered separately)

100-277 VAC; 127-250 VDC	
IHB UNV1D 75W DRIVER KIT*	Dimmable, 75W replacement driver
IHB UNV1D 150W DRIVER KIT**	Dimmable, 150W replacement driver
*8L and 24L models; **16L, 24L, 32L, 48L and 64L models (24L model uses a single 75W and a single 150W driver)	
347-480 VAC	
IHB UNV34D 75W DRIVER KIT*	Dimmable, 75W replacement driver
IHB UNV34D 150W DRIVER KIT**	Dimmable, 150W replacement driver
*8L and 24L models; **16L, 24L, 32L, 48L and 64L models (24L model uses a single 75W and a single 150W driver)	

Dimensions and mounting:



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