

Light industrial LED lighting
Available December 2014



3233 W Hunting Park Avenue, Philadelphia PA 19132-1845
(800) 79-ROYAL (215) 221-1200 fax (215) 221-1201
advisors@royalelectric.com www.royalelectric.com

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Introducing IHB series LED industrial high bay luminaires

Complete portfolio of light industrial high bay solutions

Introduction:

IHB series LED luminaires are the perfect replacement for HID and fluorescent high bay fixtures.

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
- Indoor and dry locations only

Key features & benefits:

- High efficacy: up to 117 LPW
- Up to 67% energy savings over traditional HID fixtures
- Complete portfolio replaces 175W-1500W 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

Electrical specifications:

Model	Equivalent luminaires			@ 120V						Ambient life (hours)		
	HID	Fluorescent	Voltage	PF	THD	Wattage	Lumens*	Efficacy	25°C	30°C	40°C	
16L	250W	4 lamp, 4 ft. T5HO	120	.99	8%	145	16,900	117	120,000	120,000	70,000	
24L	400W	6 lamp, 4 ft. T5HO	120	.99	7%	216	25,350	117	120,000	120,000	70,000	
32L	750W	6 lamp, 4 ft. T5HO	120	.99	8%	289	33,800	117	120,000	120,000	65,000	
48L	1000W	8 lamp, 4 ft. T5HO	120	.99	8%	436	50,700	116	120,000	120,000	65,000	
64L	1500W	8 lamp, 4 ft. T5HO	120	.99	8%	582	67,600	116	120,000	120,000	65,000	

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



Certifications:

- UL1598 Luminaires
- UL8750 LED
- cULus
- Damp location

Mounting options:

- ¾" pendant mount
- Jack chain
- Aircraft cable

Materials:

Housing and heat sinks:

- Anodized aluminum

Lens:

- Tempered glass or polycarbonate
- Optional diffused glass or polycarbonate

Gaskets:

- Silicone

Crouse-Hinds
by **EAT•N**

Ordering information

Part number example

IHB8LJR1 /UNV1 S903

IHB series high bay LED, 8,450 lumens, 73 watt, cool white, jack chain mounting, aisle optics, 100-277 VAC driver, polycarbonate lens

IHB	8L	J	R1	/UNV1	S903	
Series		Mounting			Options	
IHB	IHB series light industrial high bay fixture	BLANK	No mount		BLANK	Glass lens
		2A	¾" pendant mount		S903	Polycarbonate lens
		J	Jack chain		S891	Diffused glass lens
		A	Aircraft cable		S903D	Diffused polycarbonate lens
					SO10	10 ft. SO cable
Lumens/watts*					Voltage @ 50/60 Hz	
8L**	8,450 lumens, 73 watt				/UNV1	100-277 VAC; 127-250 VDC
16L	16,900 lumens, 145 watt				/UNV34	347-480 VAC
24L	25,350 lumens, 216 watt				/UNV1D	Dimming; 100-277 VAC; 127-250 VDC
32L	33,800 lumens, 289 watt				/UNV34D	Dimming; 100-277 VAC; 127-250 VDC
48L	50,700 lumens, 436 watt					
64L	67,600 lumens, 582 watt				Optics	
*Preliminary typical values (+/- 10%); data subject to change.					BLANK	Wide optic
**8L option available; consult product line for availability.					R1	Aisle optic
Color temperature						
BLANK	Cool white					

Accessories (ordered separately)

P KIT	Pendant mount kit
J KIT	Jack chain kit
A KIT	Aircraft cable kit
P3001	Wire lens guard

Replacement drivers (ordered separately)

100-277 VAC; 127-250 VDC		347-480 VAC	
UNV1 75W DRIVER KIT	75W replacement driver	UNV34 75W DRIVER KIT	75W replacement driver
UNV1 150W DRIVER KIT	150W replacement driver	UNV34 150W DRIVER KIT	150W replacement driver
UNV1D 150W DRIVER KIT	Dimmable, 150W replacement driver	UNV34D 150W DRIVER KIT	Dimmable, 150W replacement driver

Dimensions and mounting:

