



Description

Altech's LED Retail Series High Bay creates an unmatched combination of high performance lumen output and a premium aesthetic that is perfect for many applications.











Applications

Warehouse Lighting Retail Areas Gymnasiums Indoor Arenas Shopping Centers Exhibit Halls

Details

IP Rating IP44

Material Aluminum

Lens Polycarbonate

L70 Life 54,000 Hours

Warranty 5 Years

CRI 80+

Qualification UL, DLC 4.2, FCC, CE, RoHS

Driver Man. Mean Well Chip Man. Philips

Electrical

Power Factor 0.99
Frequency 50/60 Hz
Max THD 13%

Operating Temp. -40° F to 130° F

-40° C to 54° C

Dimming 3 in 1 (Resistance, PWM, 1-10V)

DLC #:	U-IHB-100	U-IHB-150	U-IHB-240	
MODEL #:	AE-L-HBRS-100	AE-L-HBRS-150	AE-L-HBRS-240	
Input Wattage:	100W 150W		240W	
Lumens:	12,000 lm	17,400 lm	28,320 lm	
Equivalent:	400W MH	600W MH	1000W MH	

Ordering Information

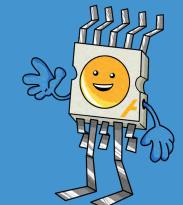
Example: AE-L-HBRS-150-110-50K-1-1-F-H-EI-SV

Wtg	Lumen Package	Color Temp.	Input Voltage	Lens / Reflector	Mounting	Options	Finish
100 150 240	110 - 110 lm/W* 135 - 135 lm/W	30K - 3000K 40K - 4000K 50K - 5000K* 57K - 5700K	1 - 100-277V* 2 - 480V	1 - 60°* F - Frosted* C - Clear	H - Hook* P - Pendant Adapter (Pendant type must be specified when ordering)	TL - Twist Lock Cap MS - Motion Sensor EI - Emergency Inverter (X)P - (X)-Pin Twist-Lock Base (X = select one: 3,5, or 7) WP(X) - Additional Whip (X = specified length in ft.; 4' is standard)	SV - Silver*

*Standard

Additional Notes

- Only 5000K in SILVER are in stocked locally, check for ETA's
- Step-down dimming motion sensors are for 100-277V models only
- Hot-start delay: 1 second
- Additional charges apply for items under "Options" column





Lumen Output (based on 5700K)

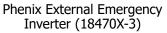
System Watts	Lumens	lm/W	Lumens	lm/W
100	12,000	110	13,500	135
150	17,400	110	20,250	135
240	28,320	110	32,400	135

Accessories and Options

3-Step Microwave Motion Sensor and Photocell Combination

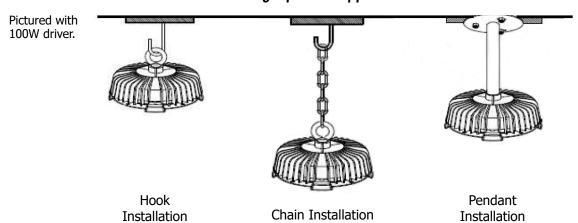




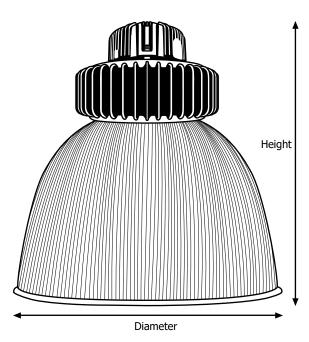




Mounting Options Supported



Fixture Dimensions and Weight



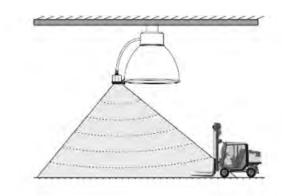
Wattage	Diameter	Height	Weight
100W	16.2 in.	16.5 in.	6.4 lb.
10000	411 mm.	413 mm.	2.6 kg.
150W	16.2 in.	17.7 in.	9.5 lb.
15000	411 mm.	450 mm.	4.3 kg.
24004	16.2 in.	19.8 in.	10.5 lb.
240W	411 mm.	503 mm.	4.8 kg.

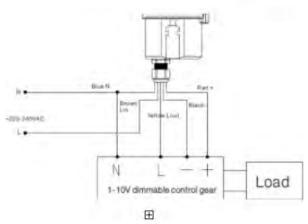
Note: The wattage of the driver affects the height.

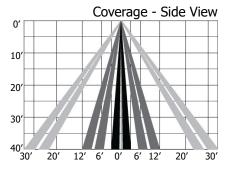


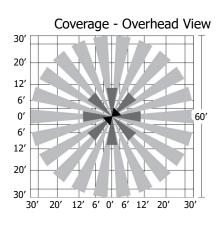


Motion Sensor

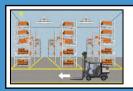








Motion Detection



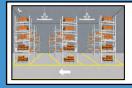
1. With sufficient ambient light, the sensor does not turn the fixture on.



2. With insufficient ambient light, the sensor turns the fixture on when motion is detected.



3. After hold time, the sensor dims the fixture to a low light level if no new motion is detected.



4. After stand-by-period, the sensor turns off the fixture if no motion is detected in its zone.

This 3-Step Dimming/Daylight Sensor, with remote, provides a simple energy-saving solution to use light only when and where you need it. The motion sensor can be mounted at a maximum of 49 feet above the ground and still detect moving objects within as 2,500 square foot area. This sensor also has a daylight sensor for even more added lighting customization and energy savings.







Reflector Installation

- 1. While facing the LED side of the fixture, find the screws with the tabs.
- 2. Unscrew the screws with the tabs to remove them.
- 3. Discard the tabs.
- 4. Place the acrylic reflectors so the screw holes line up with the holes of the removed tabs.
- 5. Replace the screws over the reflector.
- 6. Ensure that the reflector is secure.
- 7. Done.

Fixture Installation

- 1. Important: Shut the power down.
- 2. Hang the fixture.
- 3. Connect the power.

