

Linear High Bay LED



Compact, high-performance linear high bay for use in warehouses, workshops, factories, hangars, and other industrial applications

Dual selectable switch for 3-level wattage and CCT color-tuning

Optional EMB backup and occupancy sensor

Key Applications

High Bay

- Warehouses
- Workshops
- Factories
- Hangars

Compliances

UL/cUL Listed to:

- UL 1598 Suitable for Damp Locations
- FCC Part 15 Class A

DLC v5.1 Premium

RoHS

| Wattage | Lumens (5000K) | L/W |
|---------|----------------|-----|
| 80W | 12,854 | 160 |
| 125W | 18,189 | 145 |
| 180W | 24,345 | 135 |
| 200W | 32,614 | 163 |
| 240W | 37,045 | 154 |
| 290W | 41,743 | 144 |
| 325W | 49,987 | 154 |
| 385W | 57,078 | 149 |
| 450W | 66,170 | 145 |

Specifications

| | |
|--------------------------------------|--|
| Construction | High-quality, durable aluminum housing |
| Finish | White thermoset powder coat |
| Hardware | 316 stainless steel |
| Light source | High-brightness LED, >80 CRI LO - 80/125/180W, up to 24,000 lumens - 2FT HI - 200/240/290W, up to 42,000 lumens - 2FT MAX - 325/385/450W, up to 65,000 lumens - 4FT 4000K, 4500K, and 5000K (field selectable) |
| Lens | Diffuse polycarbonate lens |
| Optics | XF - 120° Extra Wide Flood - standard AW - Aisleway 50° x 90° flood - optional |
| Driver | AC 120-277V, 50-60Hz, 0-10V AC 277-480V, 50-60Hz, 0-10V |
| Power factor | > 0.9 |
| THD | < 20% |
| Surge protection | 6KV per ANSI C62.41 |
| Ambient operating temperature | -40°C to +55°C |
| Operating Lifetime | L70 at 100,000 hours |
| EMB | 90 minute emergency battery backup |
| Mounting | V-hook suspension mount (2) - included Aircraft cable, surface mount - optional |
| Dimensions | 25.8 inch x 11.9 inch x 3.28 inch - LO 25.8 inch x 17.8 inch x 3.28 inch - HI 42.6 inch x 17.8 inch x 3.28 inch - MAX |
| Weight | 8.3 lbs (3.7 kg) - LO 13.3 lbs (6.0 kg) - HI 26.6 lbs (12.1 kg) - MAX |
| Warranty | 5 years |

For IES files, see website or contact factory

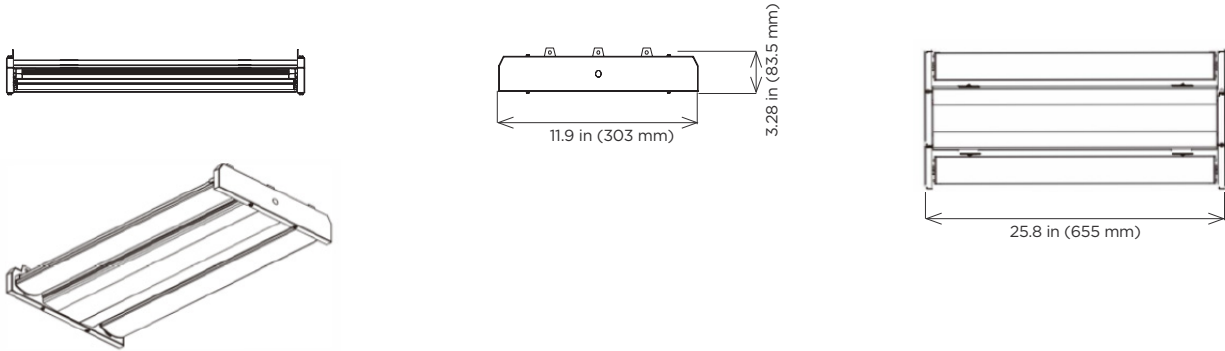
Ascend LHB Series

Linear High Bay LED

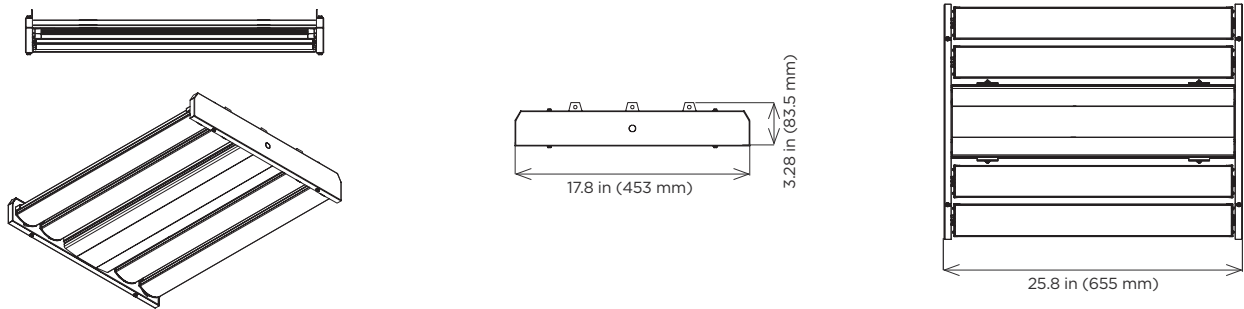
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DURABILITY X DESIGN™

Dimensions

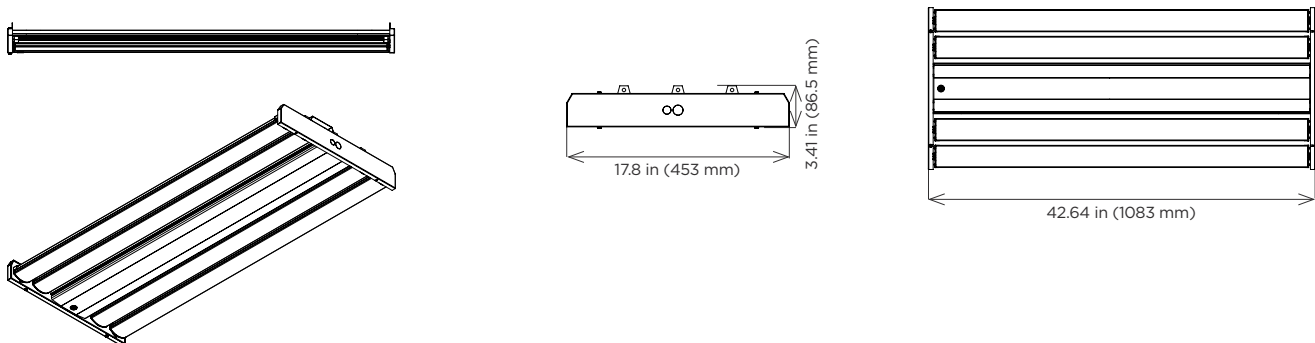
LO Model



HI Model



MAX Model



Ascend LHB Series

Linear High Bay LED



Ordering Information

Example: ASC-LHB-HI-120-277-XF-8-CTS-EMB

| Fixture | Wattage | Voltage | Optics | CRI | CCT | Options |
|---------|---------|---------|--------|-----|-----|---------|
| ASC-LHB | LO | 120-277 | XF | 8 | CTS | EMB |
| | HI | 277-480 | AW | | | |
| | MAX | | | | | |

Wattage

LO 80/125/180W, up to 24000 lumens
HI 200/240/290W, up to 42000 lumens
MAX 325/385/450W, up to 65000 lumens

Voltage

120-277 120-277V, 50-60Hz
277-480 277-480V, 50-60Hz

Optics

XF 120° extra wide flood, standard
AW Aisleway 50° x 90° flood, optional

CRI

8 80+

CCT

CTS Color-tuning selectable -
4000K, 4500K, or 5000K

Options

EMB 90 minute emergency battery backup (120-277V only)

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

Accessories

| | |
|---------------------|--|
| KIT,AIRCBL MNT,LHB | Aircraft cable mounting kit, 10 ft cable |
| KIT,SURFACE MNT,LHB | Surface mounting kit |
| LHB-OCC | Plug-and-play occupancy sensor |
| LHB-OCC RMT | Remote Programmer for LHB-OCC |

Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.