

# Alphalite

PROJECT NAME

CATALOG NO.

TYPE

DATE

NOTE

## SLIM LINEAR LED HIGH BAY

## EHB Series

### DESCRIPTION

The EHB Series Slim Linear LED High Bay delivers high lumen output, long life, economic solution, and no restrike time. This energy-efficient LED luminaire offers one-to-one replacement of existing HID or fluorescent high bays. Precision-formed reflectors delivers adequate light in high mounting applications. Modular driver and LED arrays. Economic solution to optimize payback. Capable of being operated with occupancy sensor

### APPLICATION

Warehouse, manufacturing facilities, retail, gymnasiums, grocery.



### EHB

High Performance  
Slim Linear  
LED High Bay

2' and 4'

13000 Lm  
20000 Lm  
26000 Lm

### SPECIFICATION FEATURES

#### Construction

Rigid, low-profile steel housing. Precision-engineered and manufactured optics to optimize light delivery to the working plane. Convenient mounting options and sufficient knockouts for controls integration and multiple connection options. Housing features radiator slots for heat dissipation and low temperature LED operation.

#### Electrical

Luminaire utilizes long life, high efficacy LEDs and a highly efficient, reliable LED driver. 120V-277V input voltage for increased versatility. Comes equipped with quick disconnect for compliance with US code

#### Mounting

Comes standard equipped with V-hooks for mounting. Accepts various other mounting options: surface, suspension, air craft cable, chain.

#### Optics

Die formed, 95% reflectivity optical reflectors optimizes performance and light delivery. Comes standard with high transmission frosted lens.

#### Finish

White enamel finish.

#### Warranty

5-year limited warranty. See complete warranty terms for details.



### Quick Ship Items

EHB2-13/850  
EHB2-20/850

## ORDERING INFORMATION

Sample Number: EHB2-13/850

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| EHB           | 4                     | 150                          | 8           | 50                 | (Blank)              | (Blank)                    |
|---------------|-----------------------|------------------------------|-------------|--------------------|----------------------|----------------------------|
| <b>Series</b> | <b>Nominal Length</b> | <b>Nominal Lumen Package</b> | <b>CRI</b>  | <b>Nominal CCT</b> | <b>Input Voltage</b> | <b>Control Options</b>     |
| EHB = LED     | 2 = 2'                | 2' length                    | 8 = 82+ CRI | 50 = 5000K         | (Blank) = 120-277V   | PIR = PIR Occupancy Sensor |
| Slim Linear   | 4 = 4'                | 13 = 13,000 Lm               |             |                    | 480 = 480V           | DL = Daylight Photocell    |
| High Bay      |                       | 20 = 20,000 Lm               |             |                    |                      |                            |
|               |                       | 4' length                    |             |                    |                      |                            |
|               |                       | 26 = 26,000 Lm               |             |                    |                      |                            |
|               |                       | 40 = 40,000 Lm               |             |                    |                      |                            |



Specifications and dimensions subject to change without notice.

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SUMMARY

|                  |  |
|------------------|--|
| Input Voltage    | 120V-277V  |
| Input Frequency  | 50/60 Hz   |
| Input Power      | See energy data for details                        |
| Power Factor     | > 0.95   |
| THD (Max.)       | 20%  |
| Efficacy         | > 110 LPW  |
| Delivered Lumens | See energy data for details                        |
| Controls/Dimming | 0-10V dimming, Occupancy sensor options available. |
| CRI              | > 82   |
| CCT              | 5000K  |
| Operating Temp.  | -20°C ~ +55°C                                      |

ENERGY PERFORMANCE DATA

| Lumen package | Lens    | Input watts | Lumens | LPW | CCT   |
|---------------|---------|-------------|--------|-----|-------|
| EHB2-13/850   | Frosted | 110         | 13750  | 125 | 5000K |
| EHB2-20/850   | Frosted | 160         | 19280  | 120 | 5000K |
| EHB4-26/850   | Frosted | 220         | 26730  | 121 | 5000K |
| EHB4-40/850   | Frosted | 320         | 39360  | 123 | 5000K |

MOUNTING OPTION

V-Clips



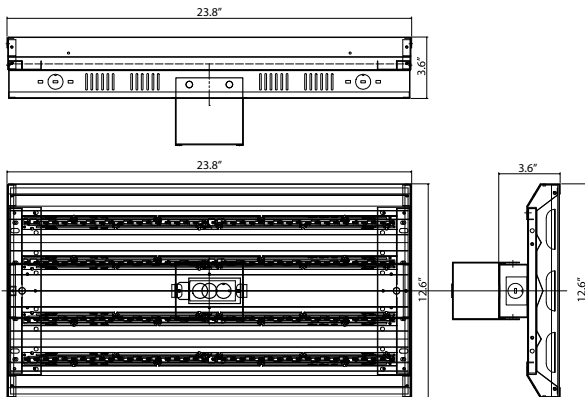
Pendant Hanger



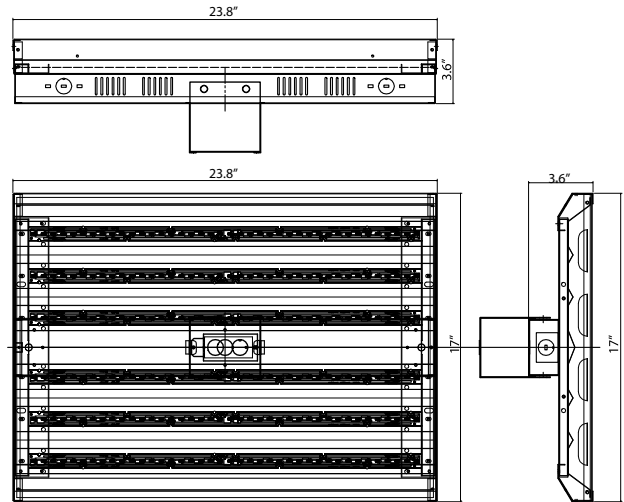
PHYSICAL PARAMETERS

DIMENSION

EHB2-13



EHB2-20



EHB4-26

