

# XD Series HIGH BAY

LED Linear High Bay with Selectable CCT and Lumen



## Introduction

- ◆ The XD series Linear High Bay Light uses highly reflective metal for optimal an all-in-one housing design. Available in 2ft and 4ft lengths.
- ◆ It provides energy saving and maintenance-free durability for a variety of applications. The XD series is also ideal for new construction or replacement of 4-8 F32T8/F54T5 lamps.
- ◆ Can replace high output fluorescent or 250-1000 watts metal halide lights. Sensor and emergency battery backups are optional. the motion sensor with networking wireless control version also supports LLLC HAISEN BLUE and Silvair.
- ◆ Widely used in warehouses and storage, industrial facilities, retail centers, manufacturing, sports facilities, and gyms.

## Product Specifications

### Construction

- ◆ Assembly made of heavy duty thick gauge steel, rigidly designed to resist twisting and bowing.

### Electrical:

- ◆ 0-10v dimmable driver, which can dim from 100% down to off.
- ◆ Input voltage 120-277V for US market, 120-347V for Canada market, and 50/60Hz.

### Optics :

- ◆ CCT Selectable 4000K or 5000K (Default setting) , CRI >80.
- ◆ Frosted diffuser creates even and glare free light distributed broadly at a 120° beam angle

### Finish :

- ◆ White color is standard.

### Ambient Temperature:

- ◆ -40° F (-40° C) to 113° F (45° C)

### Mounting:

- ◆ Aircraft Cable Suspension mount included. Knockout holes in place for easy connection with MC cable or conduit. Optional Surface or Conduit Mount Kit.



### Product Selectable:

|      |     |     |
|------|-----|-----|
| 105W | 90W | 80W |
|------|-----|-----|

WATTAGE SELECTABLE (2ft)

|      |      |      |
|------|------|------|
| 165W | 140W | 130W |
|------|------|------|

WATTAGE SELECTABLE (2/4ft)

|      |      |      |
|------|------|------|
| 225W | 195W | 175W |
|------|------|------|

WATTAGE SELECTABLE (2/4ft)

|      |      |      |
|------|------|------|
| 300W | 260W | 230W |
|------|------|------|

WATTAGE SELECTABLE (4ft)

|       |       |
|-------|-------|
| 4000K | 5000K |
|-------|-------|

CCT SELECTABLE

### Compliances:

- ◆ cULus listed for dry locations.
- ◆ DLC® (DesignLights Consortium) Qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

# Performance Data

Lumen values are based on 120V AC input product configuraon, contact for performance data on any configuraons not shown here.

| Model                             | Lumen Level | Nominal CCT | Lumens | Watts | LPW | CRI |
|-----------------------------------|-------------|-------------|--------|-------|-----|-----|
| X-LHBD2F(105/90/80)W-(40/50)KAA   | 1           | 4000K       | 13200  | 80    | 165 | >80 |
|                                   |             | 5000K       | 12800  | 80    | 160 |     |
|                                   | 2           | 4000K       | 14500  | 90    | 161 |     |
|                                   |             | 5000K       | 14150  | 90    | 157 |     |
|                                   | 3           | 4000K       | 16600  | 105   | 158 |     |
|                                   |             | 5000K       | 16000  | 105   | 152 |     |
| X-LHBD2F(165/140/130)W-(40/50)KAA | 1           | 4000K       | 20950  | 130   | 161 | >80 |
|                                   |             | 5000K       | 20450  | 130   | 157 |     |
|                                   | 2           | 4000K       | 22150  | 140   | 158 |     |
|                                   |             | 5000K       | 21600  | 140   | 154 |     |
|                                   | 3           | 4000K       | 25450  | 165   | 154 |     |
|                                   |             | 5000K       | 24450  | 165   | 148 |     |
| X-LHBD2F(225/195/175)W-(40/50)KAA | 1           | 4000K       | 29250  | 175   | 167 | >80 |
|                                   |             | 5000K       | 28550  | 175   | 163 |     |
|                                   | 2           | 4000K       | 32200  | 195   | 165 |     |
|                                   |             | 5000K       | 31400  | 195   | 161 |     |
|                                   | 3           | 4000K       | 35550  | 225   | 158 |     |
|                                   |             | 5000K       | 34900  | 225   | 155 |     |
| X-LHBD4F(165/140/130)W-(40/50)KAA | 1           | 4000K       | 21850  | 130   | 168 | >80 |
|                                   |             | 5000K       | 21350  | 130   | 164 |     |
|                                   | 2           | 4000K       | 23100  | 140   | 165 |     |
|                                   |             | 5000K       | 22550  | 140   | 161 |     |
|                                   | 3           | 4000K       | 26600  | 165   | 161 |     |
|                                   |             | 5000K       | 25750  | 165   | 156 |     |
| X-LHBD4F(225/195/175)W-(40/50)KAA | 1           | 4000K       | 30100  | 175   | 172 | >80 |
|                                   |             | 5000K       | 29400  | 175   | 168 |     |
|                                   | 2           | 4000K       | 33150  | 195   | 170 |     |
|                                   |             | 5000K       | 32400  | 195   | 166 |     |
|                                   | 3           | 4000K       | 37150  | 225   | 165 |     |
|                                   |             | 5000K       | 36450  | 225   | 162 |     |
| X-LHBD4F(300/260/230)W-(40/50)KAA | 1           | 4000K       | 37950  | 230   | 165 | >80 |
|                                   |             | 5000K       | 37050  | 230   | 161 |     |
|                                   | 2           | 4000K       | 42150  | 260   | 162 |     |
|                                   |             | 5000K       | 41100  | 260   | 158 |     |
|                                   | 3           | 4000K       | 47400  | 300   | 158 |     |
|                                   |             | 5000K       | 46200  | 300   | 154 |     |

# Power Selection And CCT Selection Capability



**Power Setting**

| Size | Power Selection                   | Default Setting |
|------|-----------------------------------|-----------------|
| 2ft  | Adjust power between 105/90/80W   | 105W            |
|      | Adjust power between 165/140/130W | 165W            |
|      | Adjust power between 225/195/175W | 225W            |
| 4ft  | Adjust power between 165/140/130W | 165W            |
|      | Adjust power between 225/195/175W | 225W            |
|      | Adjust power between 300/260/230W | 300W            |

**CCT Setting**  
Adjust CCT between 4000/5000K, 5000K default setting.

Low  
Medium  
High

4000K  
5000K

# Accessories

## Sensor

Factory-Installable OR Field-Installable (field-installable purchased separately)

|   |  |   |   |
|---|--|---|---|
|  | <p>HD09VR-PH<br/>Screw-in PIR Sensor</p> |  | <p>HD09VR-PHB<br/>Screw-in PIR Sensor<br/>(Networking Wireless Control Version)</p> |
|---|--|---|---|

Field-Installable / Field-Use ONLY (purchased separately)

|   |                                 |
|---|---------------------------------|
|  | <p>HD06R<br/>Remote Control</p> |
|---|---------------------------------|

### Emergency Battery Backup

Factory-Installable ONLY

|   |   |  |  |
|---|---|--|--|
|  | <p><b>XEBB022-20WDC</b><br/>Emergency battery backup<br/>EMB20U1-260 -20W/90min,<br/>for X-LHBD80W~225W,<br/>at AC120-277V/347V</p> |  | <p><b>XEBB023-30WDC</b><br/>Emergency battery backup<br/>EMB30U1-260 -30W/90min,<br/>for X-LHBD230W~300W,<br/>at AC120-277V/347V</p> |
|---|---|--|--|

### Mounts and Kits

Field-Installable / Field-Use ONLY (purchased separately)

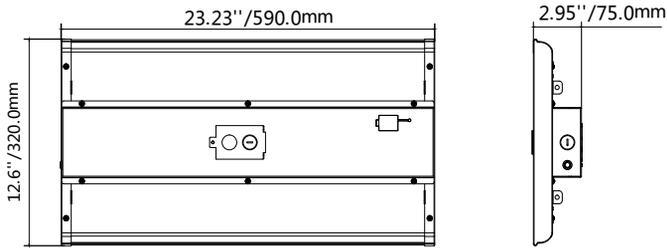
|  |   |   |   |
|--|---|---|---|
|  | <p><b>XSPM-1.5M-A-LHB</b><br/>Suspension Mount - 1.5m hanging length 2pcs<br/>(Default Include)</p> |  | <p><b>X-LHBD-XSM-A</b><br/>Surface Mount for X-LHBD</p> |
|--|---|---|---|

## Electrical Data

| Model Series           | Wattage(W) | Current (A)       |      |      |      |      |
|------------------------|------------|-------------------|------|------|------|------|
|                        |            | Input Voltage (V) |      |      |      |      |
|                        |            | 120               | 208  | 240  | 277  | 347  |
| X-LHBDXF(105/90/80)W   | 80         | 0.74              | 0.43 | 0.37 | 0.32 | 0.26 |
|                        | 90         | 0.83              | 0.48 | 0.42 | 0.36 | 0.29 |
|                        | 105        | 0.97              | 0.56 | 0.49 | 0.42 | 0.34 |
| X-LHBDXF(165/140/130)W | 130        | 1.20              | 0.69 | 0.60 | 0.52 | 0.42 |
|                        | 140        | 1.30              | 0.75 | 0.65 | 0.56 | 0.45 |
|                        | 165        | 1.53              | 0.88 | 0.76 | 0.66 | 0.53 |
| X-LHBDXF(225/195/175)W | 175        | 1.62              | 0.93 | 0.81 | 0.70 | 0.56 |
|                        | 195        | 1.81              | 1.04 | 0.90 | 0.78 | 0.62 |
|                        | 225        | 2.08              | 1.20 | 1.04 | 0.90 | 0.72 |
| X-LHBDXF(300/260/230)W | 300        | 2.78              | 1.60 | 1.39 | 1.20 | 0.96 |
|                        | 260        | 2.41              | 1.39 | 1.20 | 1.04 | 0.83 |
|                        | 230        | 2.13              | 1.23 | 1.06 | 0.92 | 0.74 |

# Dimensions

(105/90/80)W  
(165/140/130)W  
(225/195/175)W



(165/140/130)W  
(225/195/175)W  
(300/260/230)W

