

Project: _____

Part#: _____

Type: _____

Linear LED High Bay



The EnVision LED Linear High Bay series is offered in different lumen packages, lengths, and lenses. EnVision makes it easy: add emergency back ups, motion sensors, choose between a frosted or clear lens, add a wire guard, and more. Each fixture comes standard with a suspension kit and hooks for easy install.

Detail Specifications

- Operating temperature -4 -- + 122 F°
- PF >0.9 /50/60Hz
- Beam Angle: 120°

Why pick the EnVision High Bay?:

- Each high bay is tested for 120 hours before being packed and shipped
 - Several optional customizable specs available
 - Internal motion sensor ability adds nice finish
- (Only available with 4FT fixture)*

Applications:

- Warehouse lighting
- Industrial lighting
- High ceiling lighting

Product Information:

- Replace existing fixtures or use in new construction
- 0-10V dimmable makes it easy to add controls
- Uniformed distribution of light
- High lumen per watt helps increase energy savings
- Average life (L70) of 70,000 hours with the integration of Epistar 2835 LED Chips
- 5 Year Limited Warranty (10 year available)

L	E	D	-	L	H	B	Size/Watts	Lens/Finish	Color	Voltage	Sensor	ACCS	Emergency	Warranty	
							1	2	3	5	6	4	7	8	9

1

Product

LED-LHB LED Linear High Bay

2

Watts

1FT-50W, 6,250 (frost)
7,000 (clear)
2FT-110W 13,750 (frost)
15,400 (clear)
2FT-165W 20,625 (frost)
23,100 (clear)
4FT-220W 30,000 (frost)
30,800 (clear)

3

Lens

WH-F Frosted
WH-C Clear
(White Finish)

4

Color

40K 4000k
50K 5000k

5

Voltage

(Blank) 120/277V
HV 200/480V

6

Sensor

(Blank) None
MS Motion Sensor
BMS* Bi-Level Motion Sensor

7

Accessories

(optional)
Chain Mount
Surface Mount
Pendant Mount
Wire Guard

8

Emergency

(optional)
(Blank) None
EMB Emergency Backup (90 mins)

9

Warranty

(Blank) 5 Year (incl.)
10YR 10 Year

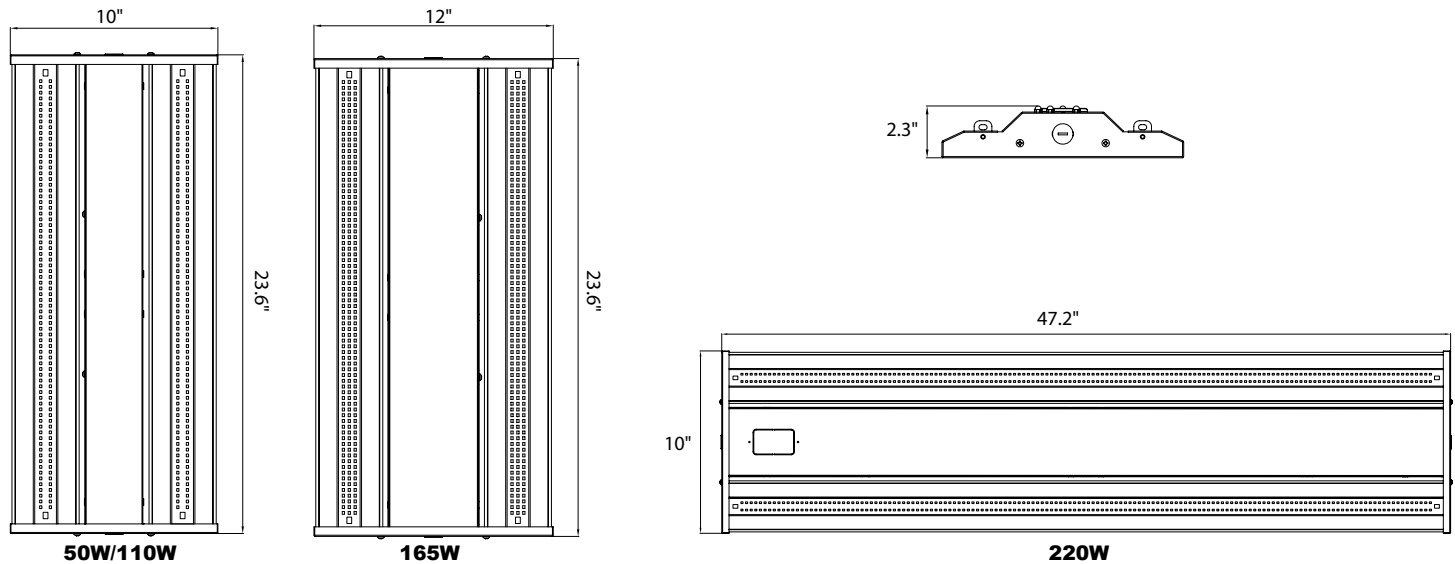
**Includes daylight harvesting*

Internal Motion Sensor only available with 4FT fixture

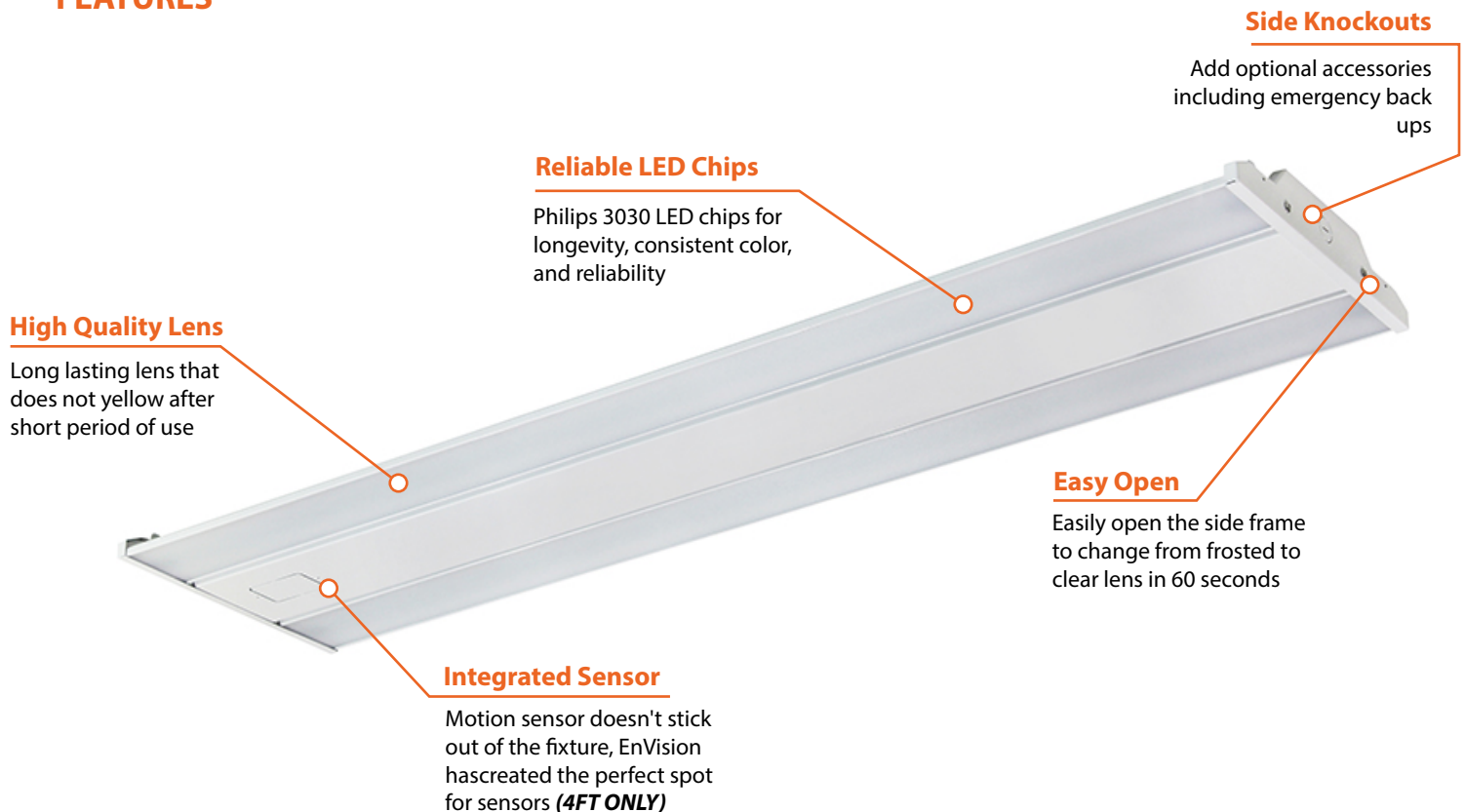
Specs and model numbers are subject to change with or without notice

LED LINEAR HIGH BAY

DIMENSIONS



FEATURES



LED LINEAR HIGH BAY

ACCESSORIES

Pre-installed Accessory	Description
LHB-110W-HV	300-480V High Voltage Driver (110W)
LHB-165W-HV	300-480V High Voltage Driver (165W)
LHB-220W-HV	300-480V High Voltage Driver (220W)
Add '-MS' to model #	On/Off Motion Sensor
Add '-BMS' to model #	Bi Level Motion Sensor
Add '-EMB' to model #	Emergency Backup (External 15W)

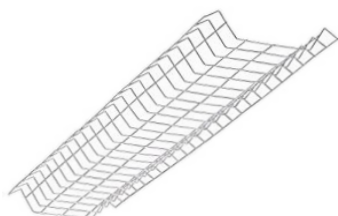


Motion Sensor



Emergency Backup

Accessory Model	Description
HD406VRH-D-WH	Bi Level Motion Sensor (Not Installed)
LHB-110/165-WG	Linear Highbay Wire Guard 2ft
LHB-220-WG	Linear Highbay Wire Guard 4ft
LED-LHB-2FT-CLENS	Linear Highbay Clear Lens 2ft
LED-LHB-4FT-CLENS	Linear Highbay Clear Lens 4ft
LED-LHB-UNV-SM	Linear Highbay Surface Mount
LED-LHB-2FT-PDM	Linear Highbay Pendant Mount 2ft
LED-LHB-4FT-PDM	Linear Highbay Pendant Mount 4ft



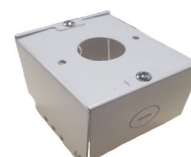
Wire Guard



Pendant Mount 2ft



Surface Mount



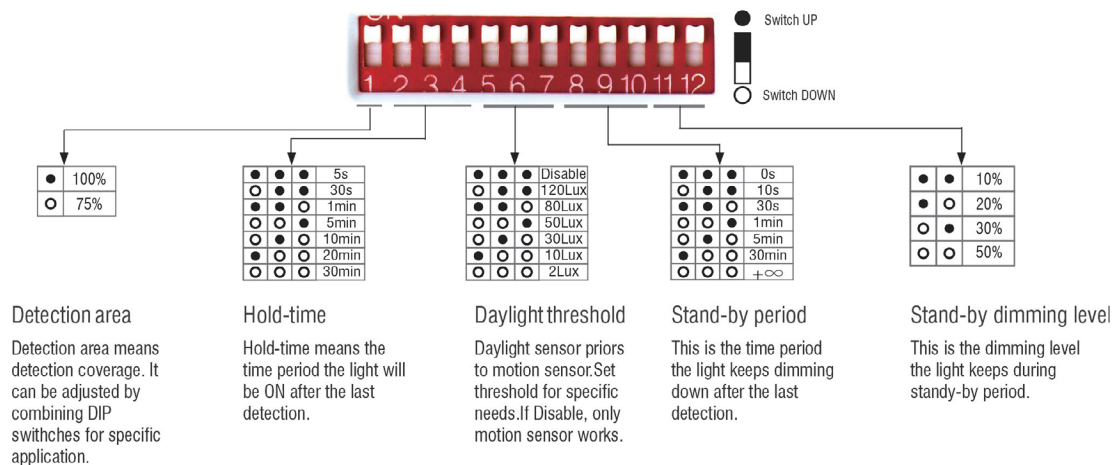
Pendant Mount 4ft

MOTION SENSOR

Technical Data

Operating Voltage	120-277VAC, 50Hz/60Hz	Microwave Power	<1mW
Switching Capacity	Max.3.0A@120Vac,50/60Hz Max.2.0A@277Vac,50/60Hz	Mounting Height	Max.15m
Stand-by Power	<1W	Detection Range	Max.Ø14m
Detection Area	25%/50%/75%/100%	Control Line	Brown L, Blue N, Yellow L', Black -, Red +
Hold Time	5s/30s/1min/3min/5min/10min/20min/30min	Operating Temperature	-35°C ~ +60°C
Daylight Threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable	IP Rating	IP65
Stand-by Period	0s/10s/30s/1min/5min/10min/30min/+∞	Detection Angle	30° - 150°
Stand-by Dimming Level	10%/20%/30%/50%	Safety Standard	EN61347-1 EN61347-2-13 EN60598-1
Microwave Frequency	5.8GHz ± 75MHz		

Settings



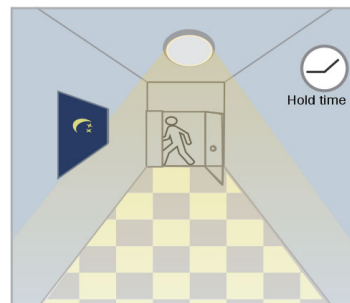
Applications



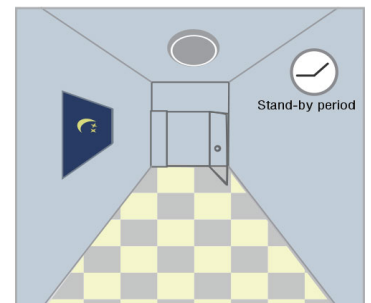
With sufficient daylight, even when motion detected, light remains OFF.



With insufficient daylight, when motion detected, light ON.



After last detection, the light will be dimmed down to the stand-by dimming level (10%, 20%, 30% or 50%) after holdtime.



After the stand-by period, light OFF.