



## Slim-Line: Linear High Bays

### 3-Power Selectable

#### Detail Specifications

- Finish: White, Custom finishes available
- IP Rating: Damp Location
- Beam Angle: 110°
- Chip: SMD 2835, R9 >50, CRI >80
- 3 Step MacAdam Ellipses
- Operating Temperature: -4° - 122° F
- Lens: Clear Prismatic Ribbed
  - Low Glare
- Average life (L70) of 70,000 hours

#### Applications:

- Warehouse/Distribution Facility
- Utility & Storage
- Garage Structures
- Commercial and Industrial

#### Product Information:

- Aluminum housing finished with corrosion free power coat
- Replace existing fixtures or use in new construction
- Easy maintenance: driver access from front
- Instant-On to full brightness
- Twist-C Control: Control ready receptacle built into each fixture

#### Driver Options:

- UNV: 120-277V 0-10V Dimmable
- HV: 347-480V 0-10V Dimmable
- THD: <15% (=/-5% tolerance), PF >0.9, 50/60Hz

#### Mounting & Installation:

- 3.5' adjustable suspension kit included
- Optional 9' adjustable suspension kit available
- Optional 6' chain kit available
- Optional surface mount kit available
- Optional pendant mount kit available

#### Certifications:

- UL Listed for USA and CA
- DLC Premium Listed
- ROHS Compliant
- Approved for CA T24
- 5 Year Limited Warranty



WATT	LUMENS
60	8,700
80	11,600
110	15,950
125	18,125
150	21,750
165	23,925
180	26,100
200	29,000
220	31,900
260	37,700
290	42,050
320	46,400

Series	CCT	Voltage <sup>1</sup>	Whip	Optic	EMB
<b>LED-LHB-2FT-3P110-F 40K</b>		<b>UNV</b>	<b>(Blank)</b>	<b>(Blank)</b>	<b>(Blank)</b>
60/80/110W • 120-277V	4000K	120-	No Whip	110°	No Emer-
<b>LED-LHB-2FT-3P165-F 50K</b>		<b>277V</b>	<b>6</b>	<b>30D</b>	<b>gency</b>
125/150/165W • 120-277V	5000K	<b>HV<sup>1</sup></b>	6ft Whip	30°	Back-Up
<b>LED-LHB-4FT-3P220-F</b>		<b>347-</b>	<b>10</b>		<b>EMB</b>
180/200/220W • 120-277V		<b>480V</b>	10ft Whip		90 Min.
<b>LED-LHB-4FT-3P320-F</b>					Emergency
260/290/320W • 120-277V					Back-up

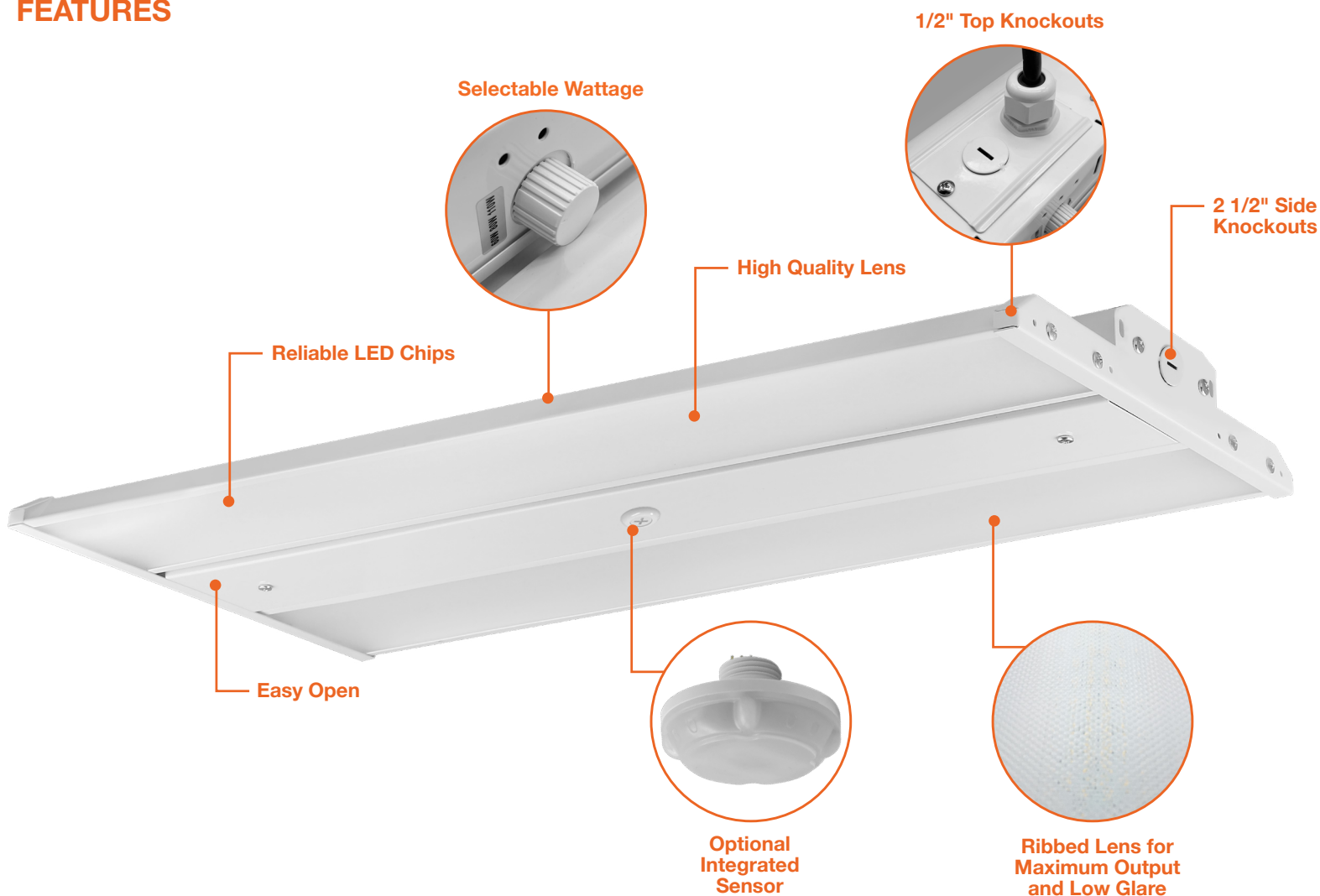
1. HV: High voltage  
is made to order.

#### Optional Accessories (Order Separately)

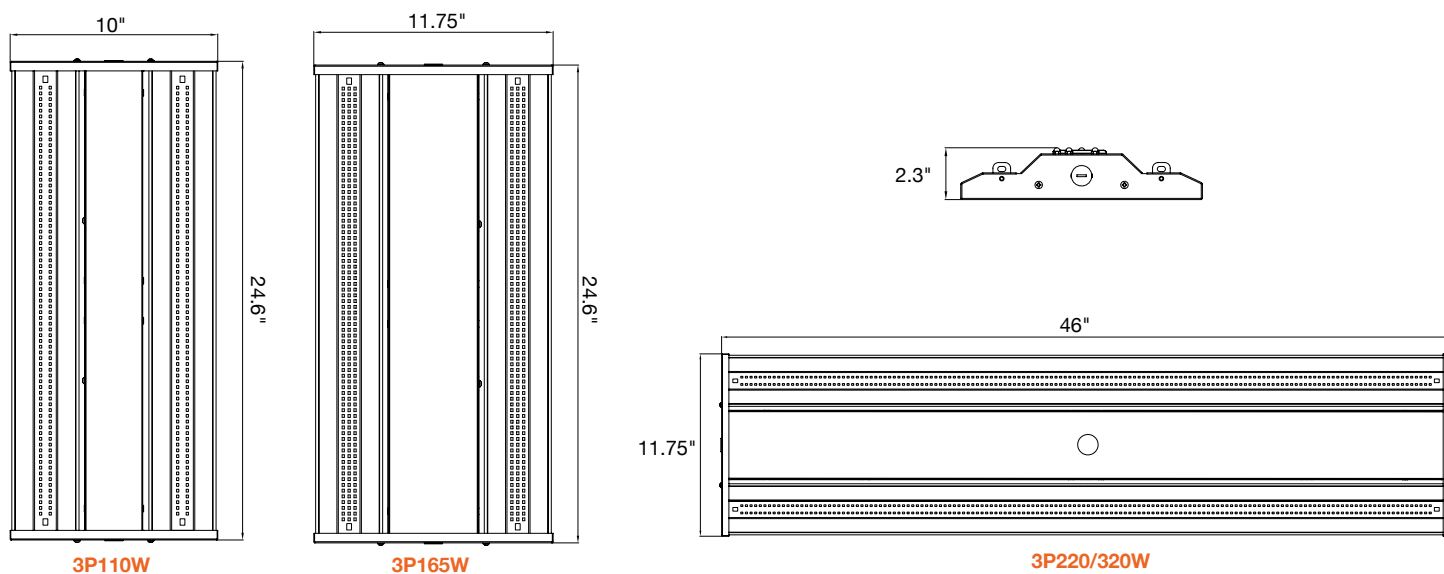
Suspension Kits	Mounting Kits	Wire Guards	Whips (Field Install)	Sensors	Sensor Remote
<b>SK-9FT-ADJ-2</b>	<b>LHB-3P-PDM</b>	<b>LHB-2FT-WG</b>	<b>6'-WHIP-1/2KO</b>	<b>HB01DMS-A</b>	<b>HB03R</b>
165W, 220W, 320W Pendant Mount Kit	165W, 220W, 320W Surface Mount Kit	2ft 110 & 165W	6' Whip	Bi-Level Motion Remote for	HB01DMS-A
<b>CK-6FT-V</b>	<b>LHB-3P-SM</b>	<b>LHB-3P-4FT-WG</b>	<b>10'-WHIP-1/2KO</b>	Daylight Sensor	
6' Chain Hanging Kit	165W, 220W, 320W Surface Mount Kit	2ft 220 & 320W	10' Whip	Custom whips to (Remote R size available required)	

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

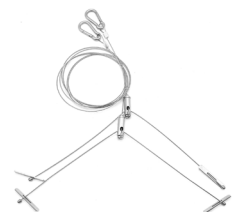
## FEATURES



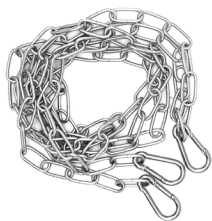
## DIMENSIONS



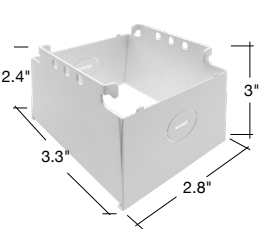
### ACCESSORIES



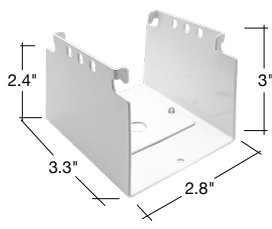
**SK-9FT-ADJ-2**  
**LED-PNL-2X4-SK**



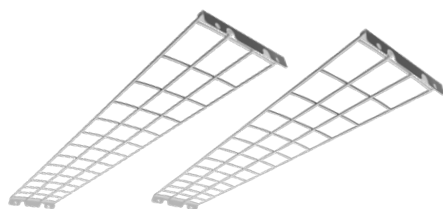
**CK-6FT-V**



**Pendant Mount 2ft**  
**LHB-2FT-3P-PDM**  
Center Hole Size .85"



**Surface Mount 2ft**  
**(2 Pcs)**  
**LHB-2FT-3P-SM**  
Center Hole Size 1"  
Center Hole Size  
w/ Plate .43"



**LHB-2FT-WG**  
**LHB-3P-4FT-WG**



**6'-WHIP-1/2KO**  
**10'-WHIP-1/2KO**



**Motion Sensor**  
**HB01DMS-A**  
(Remote Required)



**HB03R**  
**Controller**

### HIGHBAY FIXTURE

Accessory Model	Description
LED-LHB-2FT-3P110-F-40K-UNV	Linear Highbay 2ft 3 Power Select w/ Twist-It Technology
LED-LHB-2FT-3P110-F-50K-UNV	Linear Highbay 2ft 3 Power Select w/ Twist-It Technology
LED-LHB-2FT-3P165-F-40K-UNV	Linear Highbay 2ft 3 Power Select w/ Twist-It Technology
LED-LHB-2FT-3P165-F-50K-UNV	Linear Highbay 2ft 3 Power Select w/ Twist-It Technology
LED-LHB-4FT-3P220W-F-40K-UNV	Linear Highbay 4ft 3 Power Select w/ Twist-It Technology
LED-LHB-4FT-3P220W-F-50K-UNV	Linear Highbay 4ft 3 Power Select w/ Twist-It Technology
LED-LHB-4FT-3P320W-F-40K-UNV	Linear Highbay 4ft 3 Power Select w/ Twist-It Technology
LED-LHB-4FT-3P320W-F-UNV-50K	Linear Highbay 4ft 3 Power Select w/ Twist-It Technology

### SUSPENSION KITS

Accessory	Description
SK-9FT-ADJ-2	9' Suspension Kit
CK-6FT-V	6' Chain Hanging Kit

### MOUNTING KITS

Accessory Model	Description
LHB-3P-PDM	LHB: Pendant mount bracket up to 320W
LHB-3P-SM	LHB: Surface mount bracket up to 320W

### WIRE GUARDS

Accessory Model	Description
LHB-2FT-WG	Linear Highbay Wire Guard 2ft
LHB-3P-4FT-WG	Linear Highbay Wire Guard 4ft

### WHIPS (FIELD INSTALL)

Accessory Model	Description
6'-WHIP-1/2KO	6' Whip
10'-WHIP-1/2KO	10' Whip

### SENSORS

Accessory Model	Description
HB01DMS-A	Bi-Level Motion + Daylight Sensor (Remote Required)

### SENSOR REMOTE

Accessory Model	Description
HB03R	Remote for HB01DMS-A

# MOTION SENSOR



ON/OFF Control



Stand-By Dimming Level



Detection Area



Remote Control Settings



Hold Time



10-15M Highbay Height



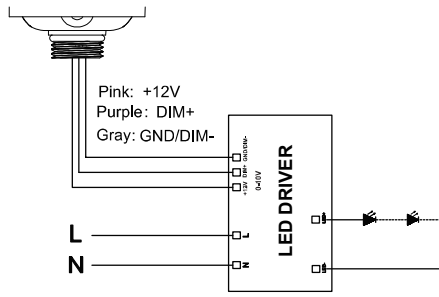
Daylight Sensor



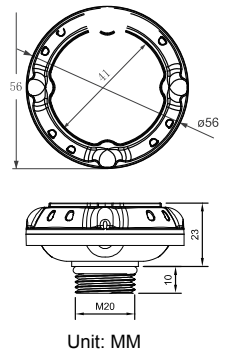
Stand-by Period



warranty  
5  
years



Wiring Diagram



Unit: MM

## Technical Data

Operating Voltage	12±2V DC
Operating Current	30mA
Output	DIM 0-10V
Stand-by Power	<0.5W
<b>Brightness</b>	<b>0%-100% Quick Setting: 70%/80%/90%/100%</b>
<b>Sensitivity</b>	<b>20%/50%/75%/100%</b>
<b>Hold Time</b>	<b>10s/1min/10min/30min</b>
<b>Daylight Threshold</b>	<b>10Lux/30Lux/50Lux/100Lux/Disable</b>
<b>Stand-by Time</b>	<b>1min/30min/60min/+∞</b>
<b>Stand-by Dimming Level</b>	<b>10%/20%/30%/50%</b>
<b>Microwave Frequency</b>	<b>5.8GHz±75MHz</b>
<b>Microwave Power</b>	<b>&lt;0.5mW</b>
<b>Detection Angle</b>	<b>150° (Wall Mounted) 360° (Ceiling Mounted)</b>
Control Line	Pink: +12V; Purple: DIM+; Gray: GND/DIM-
Mounting Height	Max. 15m (Ceiling Mounted)
Detection Range	Max. Ø15m (ceiling mounted) Max. 20m (wall mounted)
Operating Temperature	-30°C~+60°C
IP Rating	IP65

### NOTE

Factory Default Settings:

1. On for 10 min.
2. 50% Dim for 5 min.
3. Off

# REMOTE CONTROL



## Display Area

**BRIGHTNESS** (70%/80%/90%/100%)  
**DAYLIGHT** (10k/30k/50k/100k)  
**STANDBY DIM** (10%/20%/30%/50%)

**HOLD TIME** (10S/1min/10min/30min)  
**SENSITIVITY** (20%/50%/75%/100%)  
**STANDBY TIME** (+∞ /1min/30min/60min)

## Button Setting Area

- ON/OFF** (Long press the "ON/OFF" button until the brightness indicator light is on(First-row), Press to turn on or turn off the fixture.)
- BRIGHTNESS** (Press to adjust dimming level 70%/80%/90%/100%.)
- SEND** (Press to save settings after each change, The indicator light confirms the save setting.)
- HOLD TIME** (Press to adjust hold time 10s/1min/10min/30min.)
- DAYLIGHT** (Long press the button until the daylight indicator light is on, press to adjust daylight threshold 10k/30k/50k/100k.)
- SENSITIVITY** (Press to adjust sensitivity 20%/50%/75%/100%.) Note: PIR Motion Sensor have no sensitivity setting, the default: 100%.
- STANDBY DIM** (Press to adjust stand-by dimming level 10%/20%/30%/50%.)
- STANDBY TIME** (Press to adjust stand-by time +∞ /1min/30min/60min.)  
 Note: "+∞" means unlimited stand-by time, and the light control mode is the light control priority mode, otherwise it's the light threshold mode.
- RESET**  
 Press "RESET" button, products with DIP switch will be controlled by DIP switches; Otherwise all the setting will change, which is Brightness 70% / Hold time 10s / Sensitivity 20% / Daylight threshold disable / Stand-by dimming level 10% / Stand-by time +∞.
- TEST**  
 The button "TEST" is for testing purpose after debugging. Pressing this button, the sensor goes to test mode (hold time is only 3s).
- +** Press to increase brightness (0-100%).
- Press to reduce brightness (100%-0%).