2CCT&3Watt Tunable Linear Highbay LED Light

Date:..... Location: .....

Product:..... Project:.....

Quantity:..... Catalog# .....



PLUG & PLAY SENSOR

FEATURES

- 110/165/220W Tunable, 40/50K Selectable.
- Built in Sensor socket, Easy plug and play with Sensor
- Air craft hanging cable provided for easy install.
- 50,000 hours life time

SUITABLE APPLICATIONS

- Warehouse Lighting
- Industrial lighting
- Shopping mall lighting
- Factory lighting

CONSTRUCTION:

Fast dissipation aluminum material, with white powder-coated finish. Frosted PC optics lens.

ELECTRICAL:

Available as 120-277V input. -20°C to 45°C.

OPTICAL SYSTEM:

High brightness Lumileds chips. 106° beam angle.

INSTALLATION&MOUNTING:

Suspended/Ceiling Surface Mounting for easy installation

WARRANTY:

5-year limited warranty. Actual performance may differ as a result of end-user environment and application.

PERFORMANCE

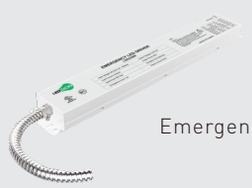
DLC Model NO	Motion Sensor Detection Distance	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
LS-LHBV5-220WBMB1A1-ABDW40/50K	40FTto50FT	110W	0.91A	0.39A	140LM/W	4000K/5000K
	40FTto50FT	165W	1.37A	0.59A	140LM/W	4000K/5000K
	40FTto50FT	220W	1.83A	0.79A	140LM/W	4000K/5000K

OPTIONAL ACCESSORIES



Twist off the cap and insert the sensor





Emergency Battery Backup

PRODUCT ORDERING GUIDE

LS-LHBV5-220WBMB1A1-ABDW40/50K
1 2 3 4

LS - LHBV5 - 220W - BMB1A1-ABDW40/50K

☑ LS LEDSION

☑ LHBV5 LED Linear Highbay Light

Wattage adjustable 110/165/220W

☑ 110W Power110W ☐ 165W Power165W

☐ 220W Power220W

CCT adjustable 4000/5000K.

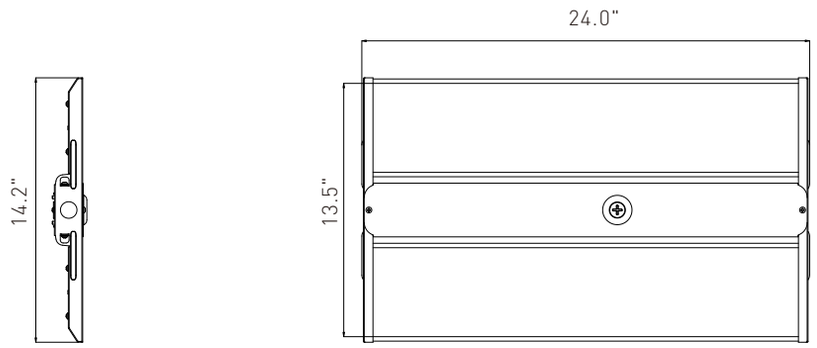
☐ XXK CCT:4000K

☑ XXK CCT:5000K

Electric Characteristic

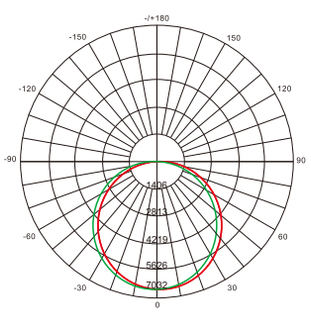
Specification/Model	LS-LHBV5-220WBMB1A1-ABDW40/50K		
LED Driver	UL DRIVER 0-10V dimming		
Input power	110W	165W	220W
Lumens output	15400LM	23100LM	30800LM
Efficiency	140LM/W	140LM/W	140LM/W
CRI	＞80	＞80	＞80
CCT tunable	40K/50K	40K/50K	40K/50K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	106D	106D	106D
Working temperature	-20+40℃	-20+40℃	-20+40℃
Junction temperature	＜75℃	＜75℃	＜75℃
lamps efficiency	≥90%	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	220-330W MH/HPS	330-500W MH/HPS	500-700W MH/HPS

DIMENSION



DISTRIBUTION DIAGRAM

LHB-110W-50K



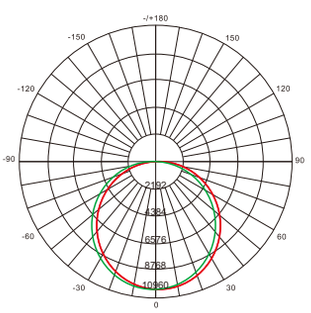
AVERAGE BEAM ANGLE(50%): 106°

UNIT:CD

Lumens:15400LM
Test Number:110W
Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

LHB-165W-50K



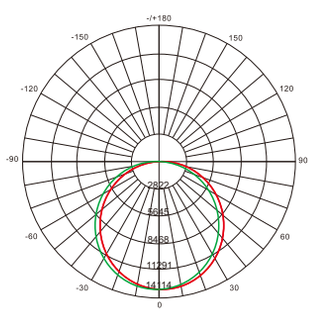
AVERAGE BEAM ANGLE(50%): 106°

UNIT:CD

Lumens:23100LM
Test Number:165W
Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

LHB-220W-50K



AVERAGE BEAM ANGLE(50%): 106°

UNIT:CD

Lumens:30800LM
Test Number:220W
Test Number:5000K

- C0/180,113.7
- C30/210,100.1
- C60/240,108.6
- C90/270,130.9

A.Hanging Installation:(Chain/Cable)

Step1.Hook up the chain; (Figure 1)
Step2.Connect the chain with fixture; (Figure 1)
step3.Fix the chain on the rail, adjust the chain length as per need; (Figure 1)
Step4.After fixed , choose suitable wiring knock out, connect the wires according to local standard and code.

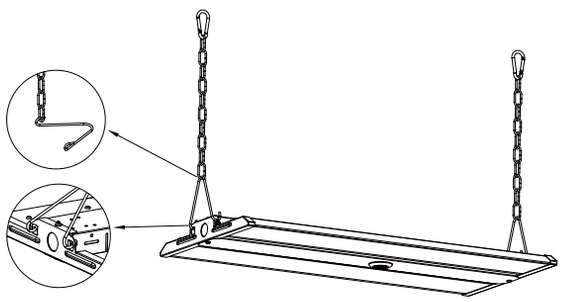


Figure 1

B.3/4"NPT Installation:

Step1.Mount the bracket on 3/4"NPT, (Figure 2)
Step2.Lock fixture on the bracket; (Figure 3)
Step3. Connect the wires according to local standard and code.
Step4 Lock side brackets with screw driver. (Figure 4)



Figure 2

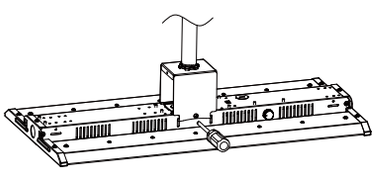


Figure 3

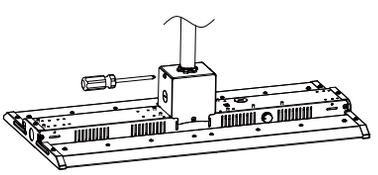


Figure 4

C.Surface Mounting: (If this bracket is used for the fixture, backup driversolution cannot be chosen)

Step1.Mount the bracket on the rail or ceiling (Figure 5);
Step2.Assemble the lamp on the bracket and fix it with screws (Figure 6);
Step3.After mounting, choose suitable wiring knock out and connect the wires according to local standard and code.

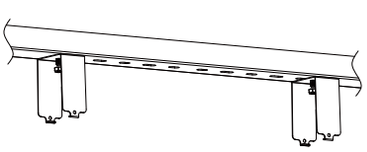


Figure 5

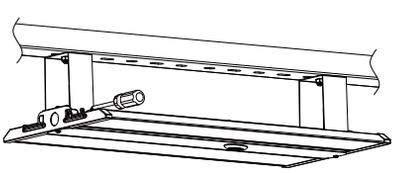


Figure 6

Extra Accessory Option lnstallation: 1:Wire Guard, 2:Motion Sensor / PIR Sensor,3: Backup driver

1.Wire Guard: (Purchase the correct size wire guard from manufacturer)
Step1.Unscrew the two screws on the front of the lamp;(Figure 7)
Step2.Place the wire guard on the lamp and fix it with screws.(Figure 8)

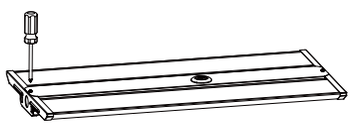


Figure 7

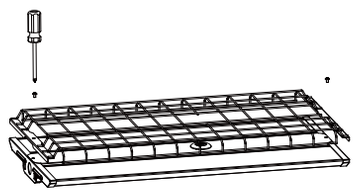


Figure 8

2-1.Motion Sensor/PIR Sensor: (Both sensor are with same installation)

Step1.Open the face cover with screw driver;(Figure 9)
Step2.Knock out the side cover, mount the sensor on the side, do wiring accofing to instruction on sensor; (Figure 10)
Step3.Put face cover back with screw driver. (Figure 11)

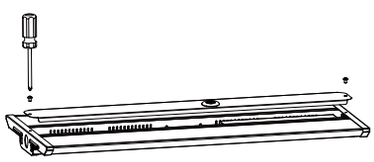


Figure 9

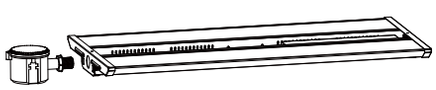


Figure 10

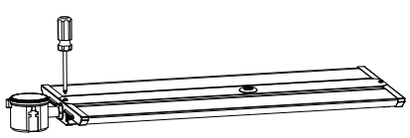
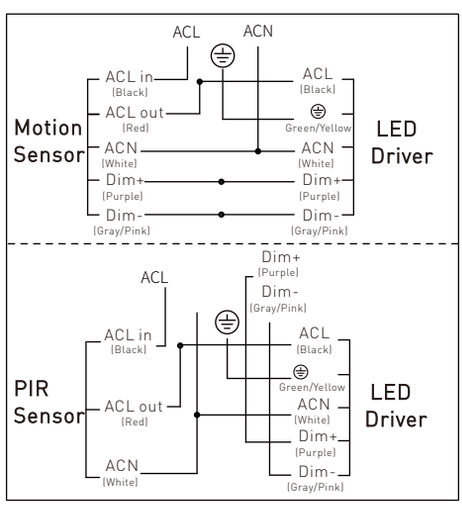


Figure 11

Wiring Instruction



2-2.DC Motion Sensor l PIlR Sensor (Both sensors are with the same installation method)

Step1.Use a screwdriver to remove the 1/2 plug from the sensor; (Figure 12)
Step2.Twist-lock the DC sensor to the base to make it work properly, use a remote control to adjust the working mode as per demand.(Figure 13)

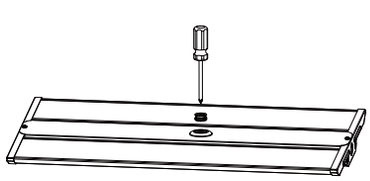


Figure 12

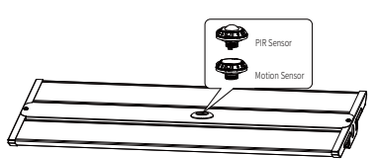


Figure 13