

V5 Linear Highbay LED Light



Motion Sensor



Date:..... Location:

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

Quantity:.....Catalog#

FEATURES

- Built in Sensor receptacle port, Easy plug and play with Sensor
- Lightweight and easy access wiring
- Corrosion and rust proof
- 50,000 hours lifetime

SUITABLE APPLICATIONS

- Warehouse Lighting
- Base room lighting
- Shopping mall lighting
- Facilities lighting

CONSTRUCTION:

Heavy die-cast aluminum alloy housing 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 Mounting for easy installation

WARRANTY:

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

PERFORMANCE

Model NO	Motion Sensor Detection Distance	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			120V	277V		
AST-PHB08F-300W BMP3A2-abdf	40FTto50FT	300W	2.5A	1.08A	140LM/W	5000K

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OPTIONAL ACCESSORIES



Turn off the cup and insert the sensor



Emergency Battery Backup, Style LSED20W

PRODUCT ORDERING GUIDE

AST-PHB08F-300WBMP3A2-abdf

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☒ ATS Company name

☒ PHB08F Product series, LED Linear High Bay Light

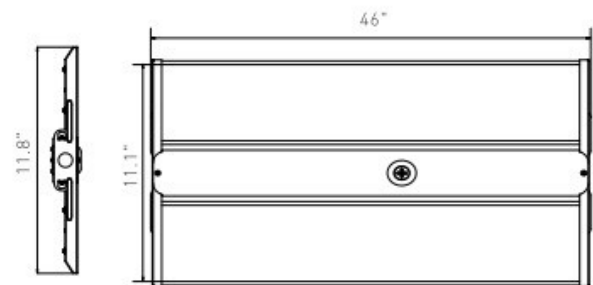
300WBMP3A2

☒ 300W Power 300W
CCT:5000K

Electric Characteristic

Specification/Model	AST-PHB08F-300WBMP3A2-abdf
LED Driver	LF-FAA320
Input power	300W
Lumens output	42000LM
Efficiency	140LM/W
CRI	>80
Color Temperature	5000K
Input voltage	120-277V/AC
Light distribution type	90D
Working temperature	-20+40℃
Junction temperature	<75℃
lamps efficiency	≥90%
Certificate	UL CUL DLC
Equivalent	300-900W MH/HPS

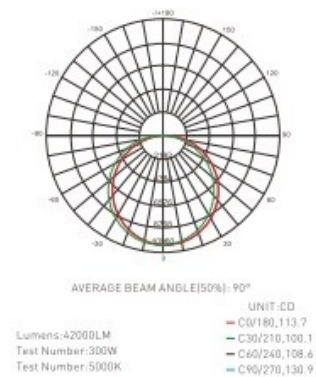
DIMENSION



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DISTRIBUTION DIAGRAM

AST-PHB08F-300WBMP3A2-abdf



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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.

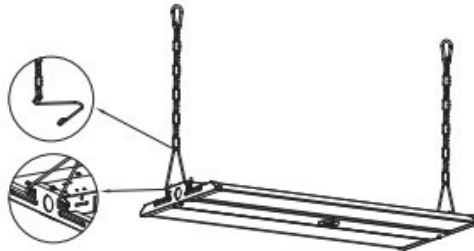


Figure 1

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

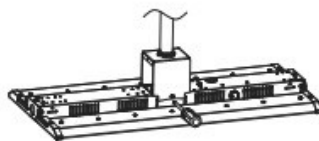


Figure 3

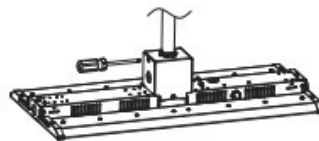


Figure 4

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

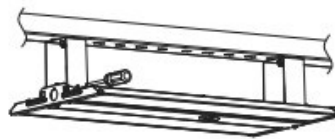


Figure 6

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Extra Accessory Option Installation: 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

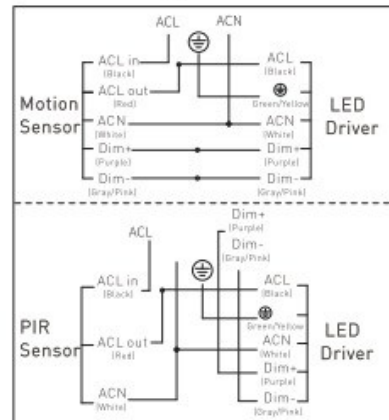


Figure 10



Figure 11

Wiring Instruction



2-2.DC Motion Sensor l PIIR 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

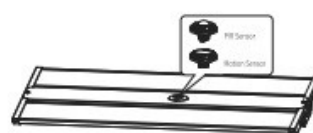


Figure 13