Loading Dock LED Luminaires

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

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

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



Features :

- 4140lm output, provide enough lighting around your facility.
- IP65, 2 ARMS, reach up to 9FT.
- Designed to increase visibity and safety in compact space.
- Easy to install and operate.
- Green and eco-friendly without mercury
- Color tunable optional.
- ON/OFF button function.

Application

- Dock, navigation opening
- Storage rack, Warehouse, etc

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with Yollow powder-coated finish. Tempered Glass lens.

ELECTRICAL:

Available as 120-277V input. -40°C to 45°C.

OPTICAL SYSTEM:

Lumileds 2835LED chips. High quality tempered glass optics.110° beam angle.

Mounting:

2 Arms wall mounts, reach up to 9ft.

WARRANTY:

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

PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/CurrentInput		Light Efficiency	Kelvin Options
			120V	277V		
AST-RWO1-30WBS8GA1-YHG50	0.9	30W	0.25A	0.11A	138LM/W	5000K

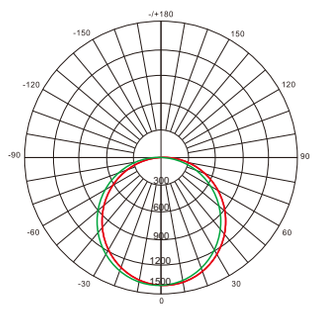
LED SION
LIGHTING

Electric Characteristic

Specification/Model	AST-RW01-30WBS8GA1-YHG50
LED DRIVER	UL Driver
Input power	30W
Lumens output	4140LM
Efficiency	138LM/W
CRI	＞80
Color Temperature	5000K
Input voltage	120-277V/AC
Light distribution type	80°/110°
Working temperature	-40+45℃
Junction temperature	＜75℃
lamps efficiency	⩾90%
Certificate	UL DLC
Equivalent	60-300WMH/HPS

DISTRIBUTION DIAGRAM

AST-RW01-30WBS8GA1-YHG50



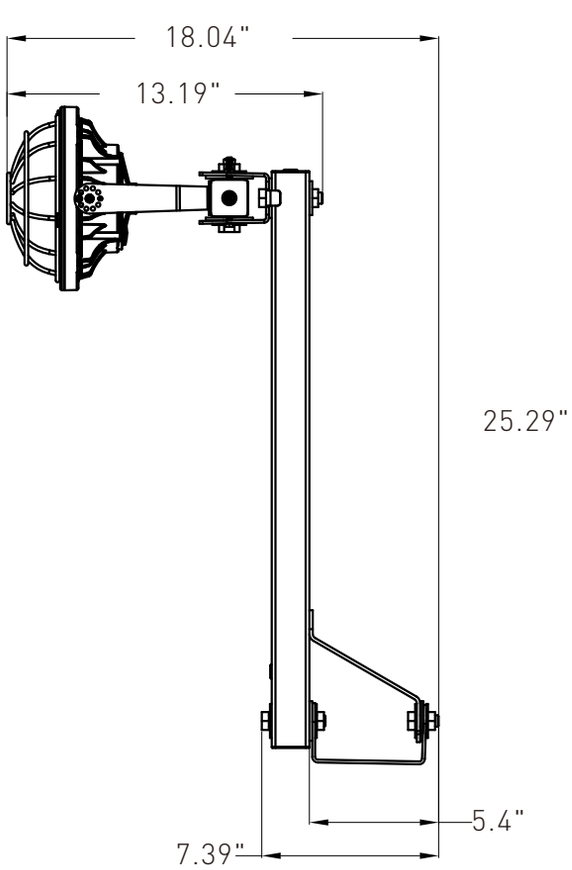
AVERAGE BEAM ANGLE(50%): 111.1°

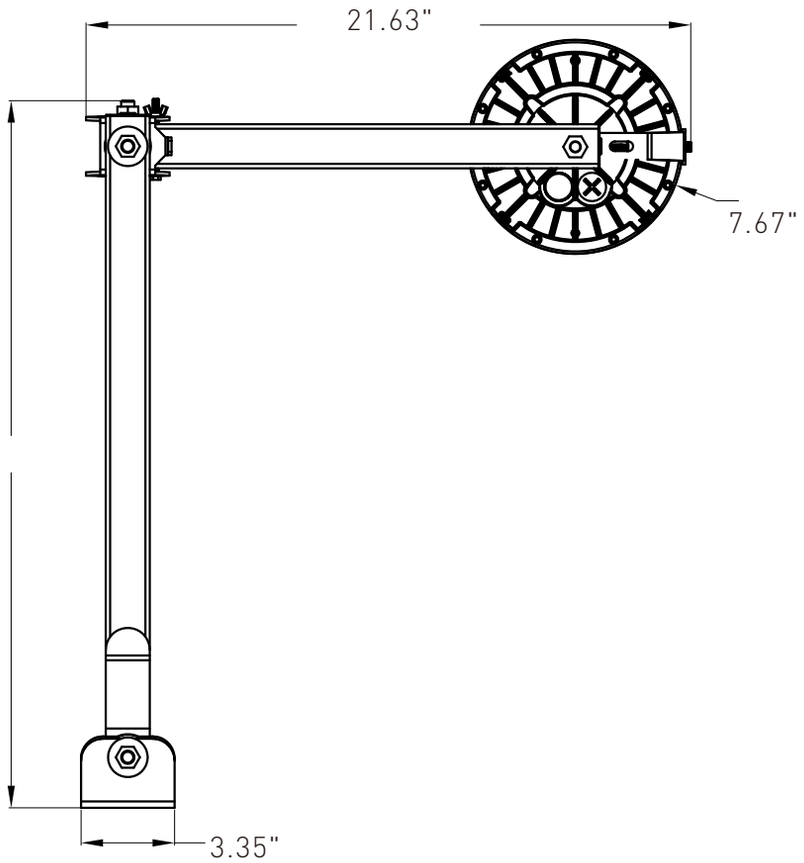
UNIT:CD

Lumens:4140LM
Test Number:30W
Test Number:5000K

C0/180,112.9
C30/210,111.5
C60/240,109.7
C90/270,110.1

DIMENSION





Installation Instruction

Cautions:

1.Do not use any electric generator to test the LED fixture.
2.Please abide by related country, regional and local law and regulationswhen installing this fixture.
3.Please turn off the power before installation or maintenance.
4.Proper earth grounding is required to ensure safety.

Notice:

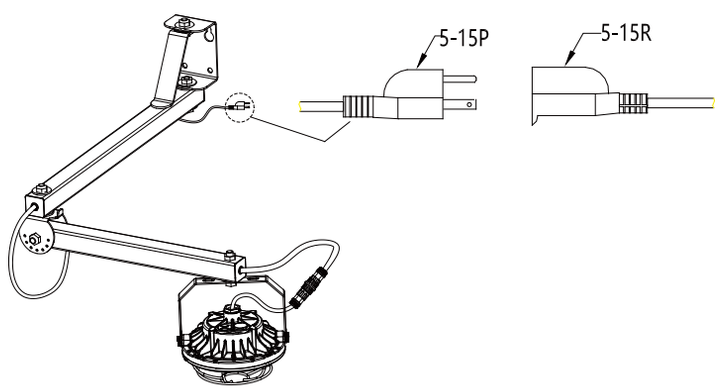
1.To avoid possibility of electrical shock or fire,the installation personnelmust have professional el ectric knowledge.
2.Please wear gloves to avoid injury before installation.
3.If any smoke or spark of the wire happened.please turn off the powerimmediately and notify relevant personnel.

Attention:

1.Please check if there is any damage during shipping. If so, pleasecontact manufacturer timely.
2.Please read the installation instruction carefully to check whether all theaccessories are complete.A fter confirmation, install the fixture accordingto installation steps.
3.It can not be mounted over outlet box.

Wiring Diagram & Instruction:

The wiring is in accordance with figure 1, the lamp is equipped witha 5-15P(AC 125V) plug, it needs to be matched with 5-15R receptacle.



Installation Methods:

1.Use a chalk or sharp tool to mark signs on the top of the ceiling,thendrill holes on the signs by electric drill (Figure 1) .
2.Use a hammer to put the expansion screws into the holes (Figure 2) .
3.The holes on the bracket should be aligned with the expansion screws,then push the fixture to one side (Figure 2) .
4.Tighten the nut of the screws (Figure 3).
5.Wiring according to the instructions on the first and second pages.
6.After installation，please wire in accordance with local wiring standard,and make sure to take good waterproof measures at the joint of conduit.

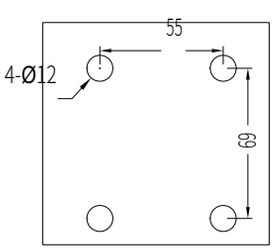


Figure 1

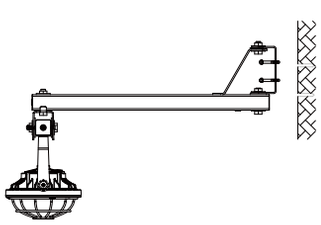


Figure 2

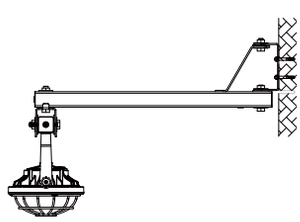


Figure 3

The method of rotating bracket

1. the irradiation angle can be adjusted in multiple directions and anglesto meet the irradiation requirements of the site (Figure 4)

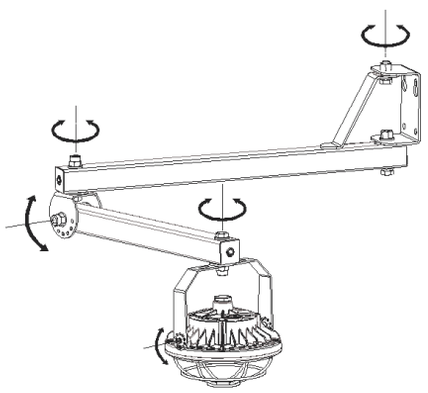


Figure4

2.Adjustment of vertical square of rotating bracket:

Step 1:Unscrew the hand twist screw from the fixture (Figure 5);

Step 2:Adjust the vertical bracket to the desired angle (Figure 6);

Step 3:Install the hand twist screw.

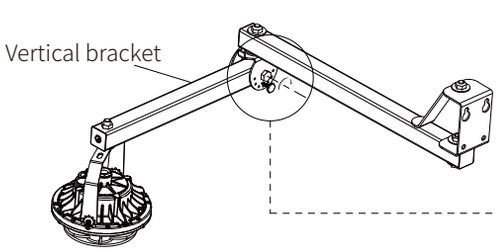


Figure 5

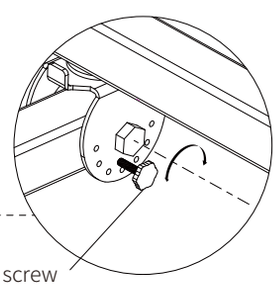


Figure 6

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