

Date:_____ Location: _____

Product:_____ Project:_____

Quantity:_____ Catalog# _____

Tunable LED Sport Light



FEATURES

- Tunable 300/400/500w design, IP65, 10KV surge protection.
- Robust aluminum housing, easy access wire, slip filter optional
- LED Driver easy access and take off, make remote easy.
- 50,000 hours lifetime, DLC PREMIUM.

SUITABLE APPLICATIONS

- Sport fields.
- Square plaza lighting
- Sea Port lighting
- Airport lighting
- High mast and Contour lighting

CONSTRUCTION:

Heavy die-cast aluminum alloy housing with black powder-coated finish. Aluminum reflector cup and Anti-UV lens.

ELECTRICAL:

Available as 100-277V or 480V input. -40°C to 45°C.

OPTICAL SYSTEM:

High brightness Lumileds 2835

default 30deg, 30/40/60° angle optional.

INSTALLATION & MOUNTING:

Angle-adjustable U bracket by mounting heights 30 to 60ft

WARRANTY:

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

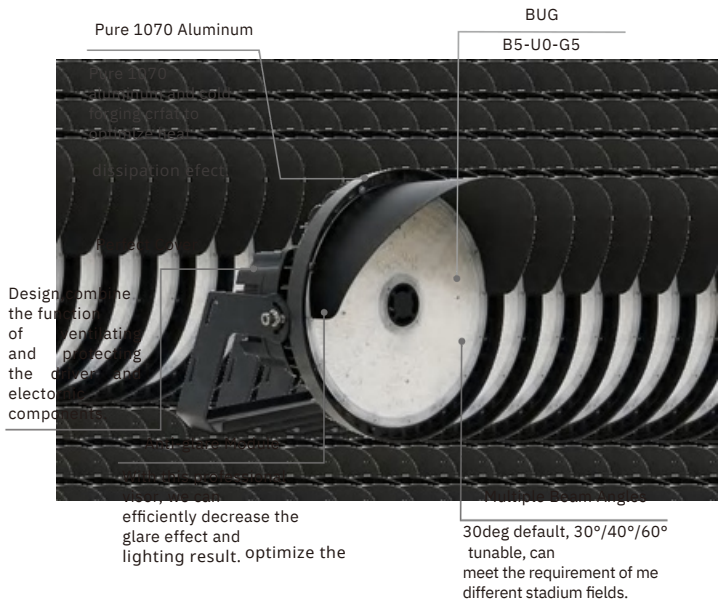
PERFORMANCE

Model NO	Power Factor	Wattage	Voltage/Current Input		Light Efficiency	Kelvin Options
			120V	277V		
AST-SP17-500BA1A1-BHV10SPFMWA50	0.92	300/400/500W	2.5/3.33A 4.16A	1.08/1.44/1.8A	151W/LM	5000K

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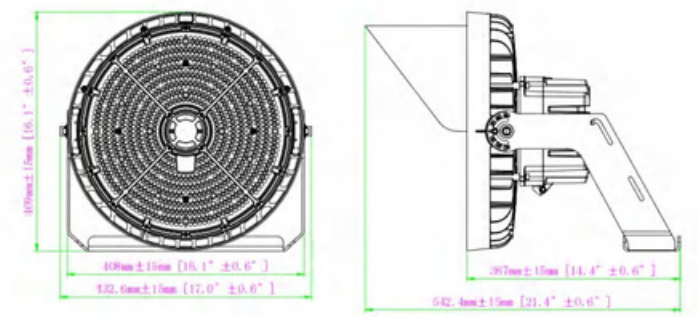
Features



Electric Characteristic

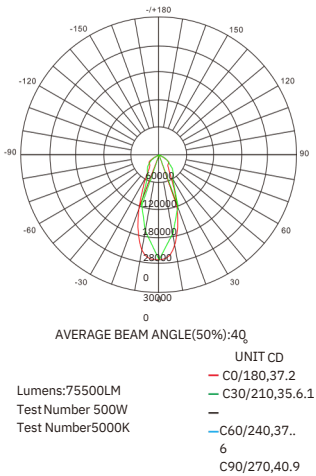
Specification/Mode	AST-SP17-500BA1A1-BHV10SPFMW
LED Driver	SOSEN
Input power	300/400/500W
Lumens output	45300/60400/75500LM
Efficiency	151 LM W
CRI	>72
Color Temperature	5000K
Inputvoltage	100-277V/AC
Light distribution type	30/40/60D
Working temperature	40+45°C
Junction temperature	<75°C
lamps efficiency	≥90 %
Certificate	UL CUL DLC
Equivalent	12002000W MH/HPS

DIMENSION



DISTRIBUTION DIAGRAM

AST-SP17-500BA1A1-BHV10SPFMWA50



► Installation of LED Lamps:

1. Mark the hole distance "S" shown in the product to be installed. (Figure 1)
2. Drill two holes of distance "S" on the mounting bar. (Figure 2)

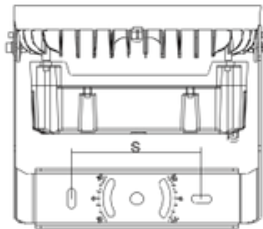


Figure 1

POWER	S
400-500W	216MM/8-1/2"
600-750W	216MM/8-1/2"



Figure 2

3. Install the luminaire on the crossbar and secure it with nuts, spring washers and flat washers. (Figure 3)
4. Use an open-end wrench and hex wrench to loosen the adjustment screw used to adjust the angle. (Figure 4)

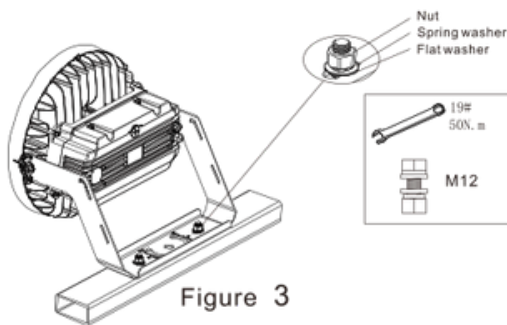


Figure 3

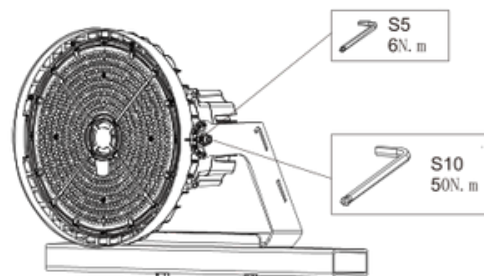


Figure 4

5. According to the need, adjust the projection angle, angle adjustment range. (Figure 5)
6. Complete the projection angle adjustment and lock the adjustment screw.
7. According to the previous wiring diagram and select one desired method for wiring.

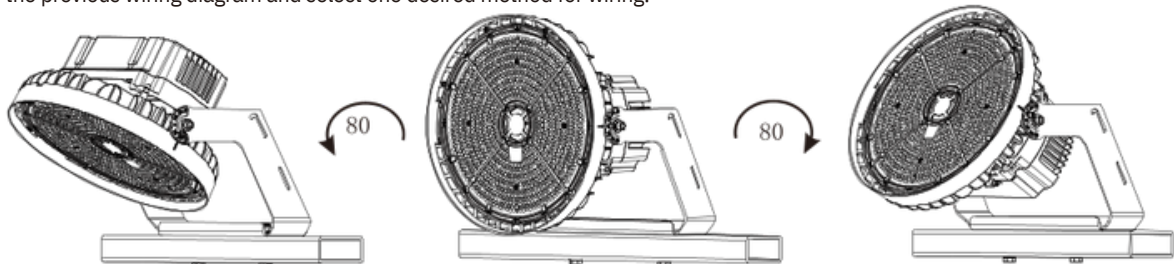


Figure 5

Installation method two (Yoke Mount): FM

1. Set the up/down orientation by loosening the (2) bolts in the knuckle of the Universal Mount and turning the knuckle then retorque the bolts. (Figure 6)

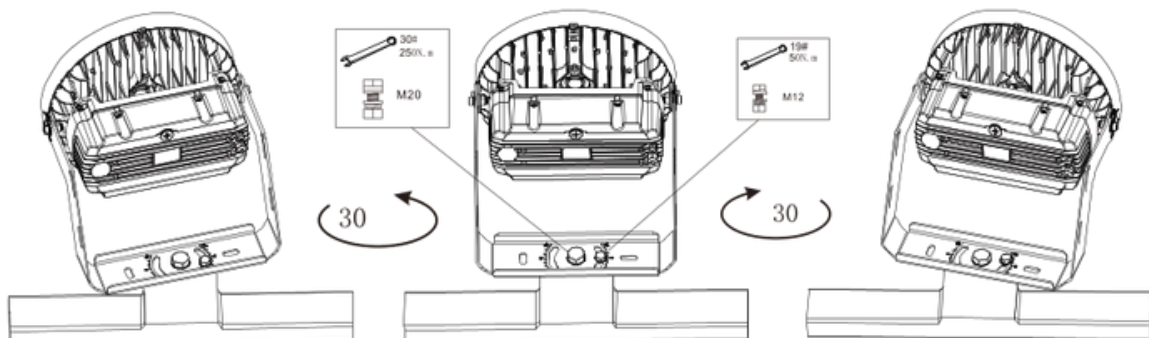


Figure 6

2. Use an open-end wrench and hex wrench to loosen the adjusting screw for adjusting the angle . (Figure 7)

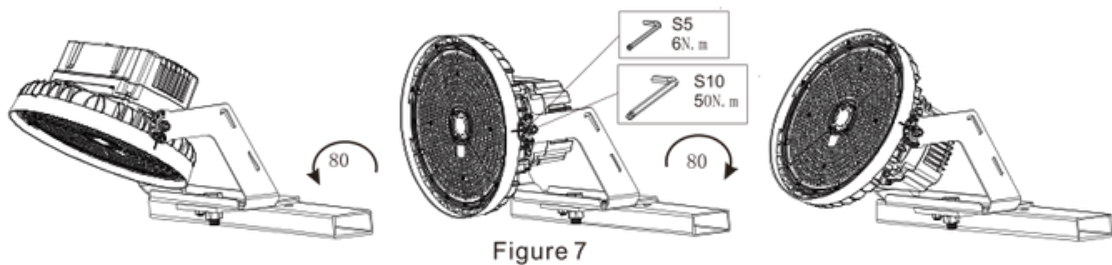


Figure 7

Instructions for Visor

When the light shield function is required, Fix the light barrier to the luminaire with a screwdriver as required. (Figure 8)

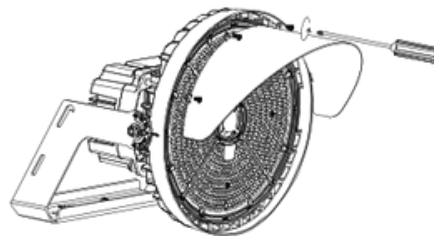


Figure 8

Instructions for ZHAGA device

ALWAYS TURN OFF THE POWER SUPPLY FROM MAIN CIRCUIT BREAKER FIRST!

ZHAGA device Socket and sealing cap are installed on the side of the fixture. To install ZHAGA device, first turn, loosen and remove the the socket. Then, install and tighten ZHAGA device in the socket. If the ZHAGA device is not needed, remove the device, and install and tighten sealing cap in the socket. (Figure 9)

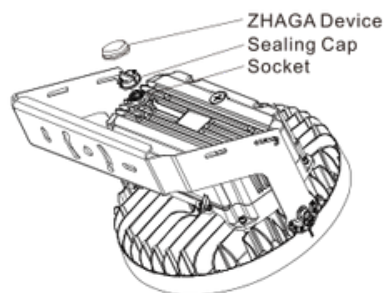


Figure 9

The explanation for beam angle and wattage Adjustable :

The light fixture with wattage adjustable function, tear off the plug, switch it to the tap position you need. (Figure 10)

Beam angle adjustable of all models: 30°, 40°, 60° , Factory setting: 40° ;

Wattage adjustable of

500W model: 300W, 400W, 500W, Factory setting: "500W"

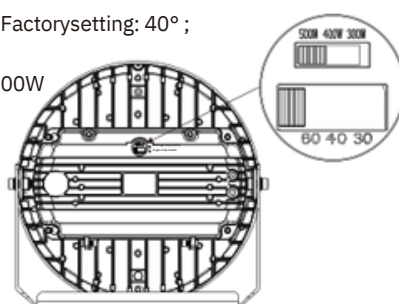


Figure 10