



The ACME LED Sport Light has a square shape and lightweight design. Driver box can be separated from the body. It is friendly and easily for installation and maintenance. A high thermal conductivity aluminum heat sink can quickly spread out the heat. Various beaming angle options and multiple visors allow precise light control. It is designed for school and professional outdoor LED sports lighting solutions.

TECHNICAL DATA

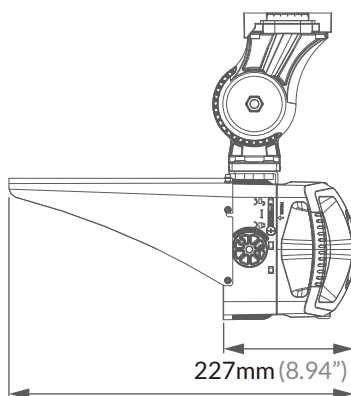
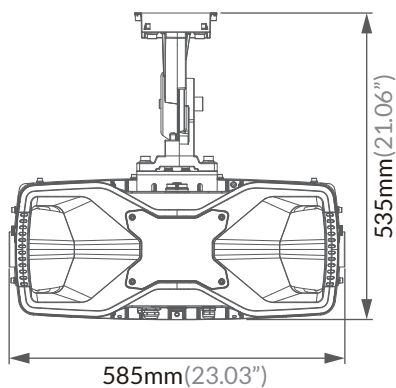
| | |
|---------------------|----------------------------|
| Wattage | 600/700/800W selectable |
| CCT | 3000K/ 4000K/ 5000K/ 5700K |
| CRI | 70(standard), 80(optional) |
| Dimming | 0-10V dimming (10% - 100%) |
| Input Voltage | AC100-277V / AC200-480V |
| Projected Lifetime | 100,000H (L70B50 @77°F) |
| Operating Temp. | -40 to +50°C(-40to +122°F) |
| Power Factor | >0.9 at full load |
| Harmonic Distortion | <20% at full load |
| IP Rating | IP66 |
| Surge protection | 10KV |
| IK Rating | IK10 |
| Certifications | UL Listed |

Features

- **Compact and Reliable Design:** Self-locking driver box, IK10-rated polycarbonate lens.
- **Optional Add-ons:** Zhaga Book 18 Receptacle. Precision aiming device, various visor and louver can dramatically reduces glare and spill.
- **Precise Control:** 11°/ 15°/ 25°/ 40°/ 60° via high performance optical lenses.

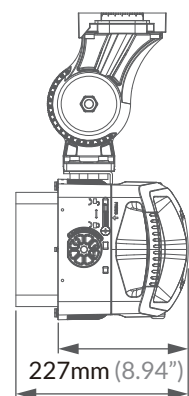
DIMENSION

Top Arm Mounting



S: 430mm (16.93")
M: 601mm (23.66")
L: 723mm (28.94")

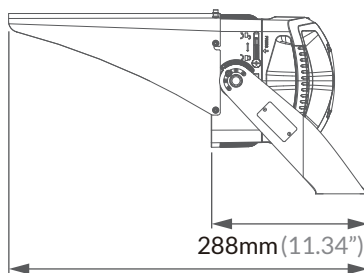
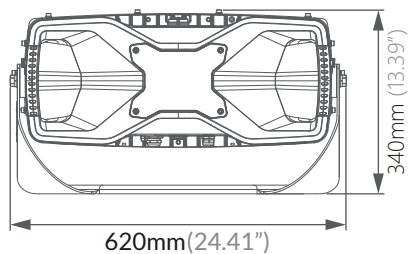
With Visor



300mm (11.81")

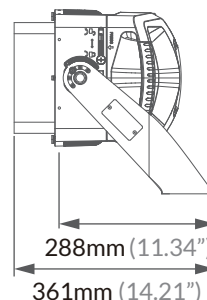
With Louver

Trunnion Mount



S: 491mm (19.33")
M: 660mm (25.98")
L: 796mm (31.34")

With Visor



361mm (14.21")

With Louver

ORDERING INFORMATION

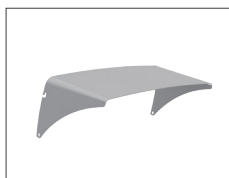
EXAMPLE: ACME-800SP-57706-ZT-TR-60-GY

| ACME | | | | | | | | |
|--------|-------------------------|-------|-------|----------|-----------------------------|--------------|---------------------|-------------------|
| Series | Wattage | CCT | CRI | Voltage | Control | Installation | Optics ³ | Finish |
| ACME | 800SP | 30 | 70 | 1 | Blank | TR | 11 | GY |
| | Selectable ¹ | 3000K | 70CRI | 120-277V | None | Trunnion | 11° | Gray ² |
| | 800W | | | | | | | |
| | 700W | 40 | | 6 | ZT | TA | 15 | |
| | 600W | 4000K | | 200-480V | Zhaga Book 18 Receptacle | Top Arm | 15° | |
| | | 50 | | | | | 25 | |
| | | 5000K | | | | | 25° | |
| | | 57 | | | | | 40 | |
| | | 5700K | | | | | 40° | |
| | | | | | | | 60 | |
| | | | | | | | 60° | |

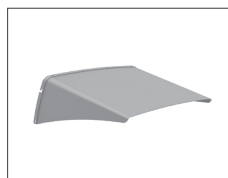
NOTES:

1. The highest wattage is default setting.
2. Gray is standard. Custom color is available at an additional charge.

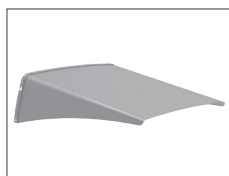
ACCESSORIES



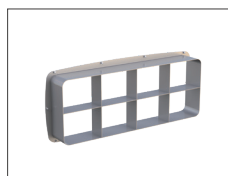
ACME-SVR-GY
Short Visor, gray



ACME-MVR-GY
Medium Visor, gray



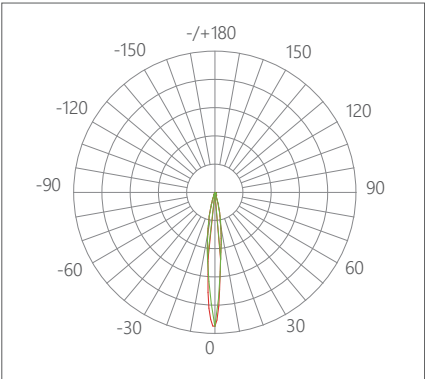
ACME-LVR-GY
Long Visor, gray



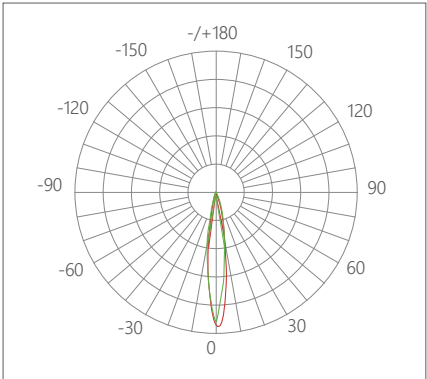
ACME-LV-GY
Louver, gray

PHOTOMETRY

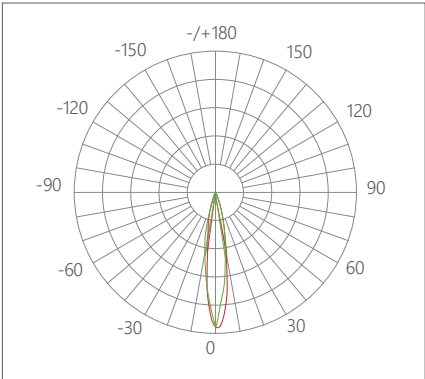
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



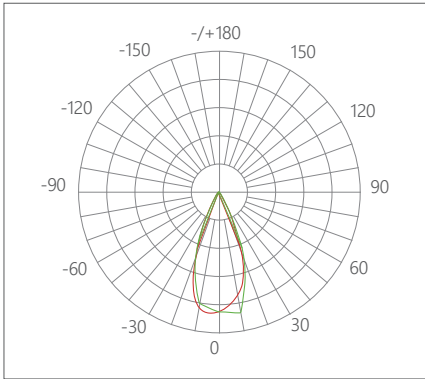
11°



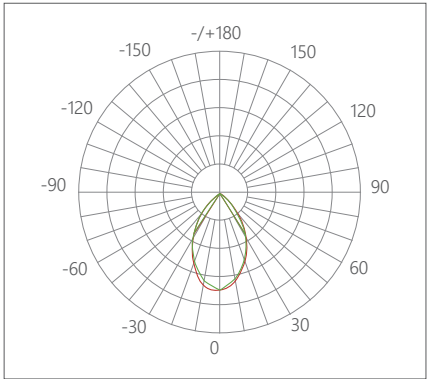
15°



25°



40°



60°

PERFORMANCE DATA

| WATTAGE | CCT | DISTRIBUTION | LUMENS (lm) | CRI | LPW |
|---------|-------|-------------------------|-------------|-----|-----|
| 600W | 5000K | 11°/ 15°/ 25°/ 40°/ 60° | 78,000 | 70 | 130 |
| 700W | 5000K | 11°/ 15°/ 25°/ 40°/ 60° | 91,000 | 70 | 130 |
| 800W | 5000K | 11°/ 15°/ 25°/ 40°/ 60° | 104,000 | 70 | 130 |

LUMINAIRE EXPLODED VIEW

1 Visor for Precise Light Control

Directs more light onto the field.
Dramatically reduces glare and spill.

2 Optics

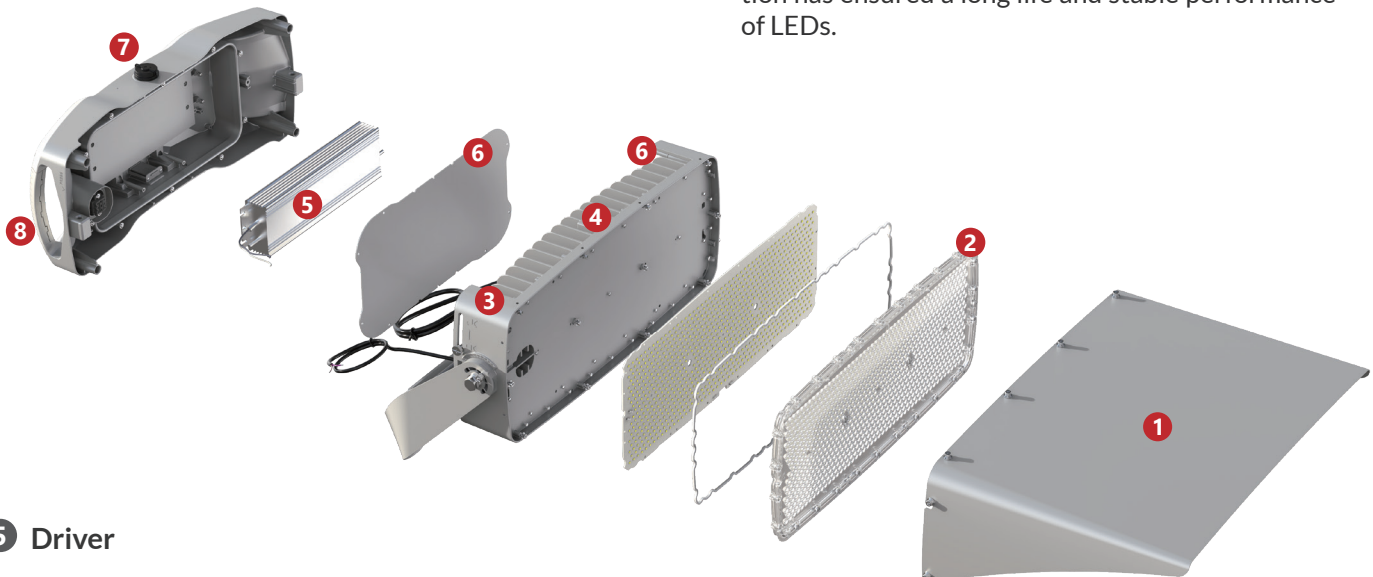
High-temperature-rated and high transmittance lens materials for less light loss and a long lifespan.
Multiple beams spreads to meet different project requirements.

3 Surface Treatment

Corrosion-resistant surface treatment is applicable to the air environment in more harsh areas.

4 Excellent Heat Dissipation

The vents help the air convection to dissipate heat.
A high thermal conductivity aluminum heat sink can quickly spread out the heat.
Low junction temperature during high power operation has ensured a long life and stable performance of LEDs.



5 Driver

Single integrated driver, simple wiring & operation, effectively reduce maintenance time and cost.

6 Knife Switch

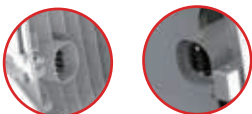
The knife switch will cut power automatically for high altitude maintenance.

7 Sensor Interfaces

DMX, Zhaga, 0-10 Dimming.

8 Handle

The silicone handle is more comfortable, which makes the installation easier, and improves work efficiency and safety.



BLUETOOTH PIR OCCUPANCY SENSOR

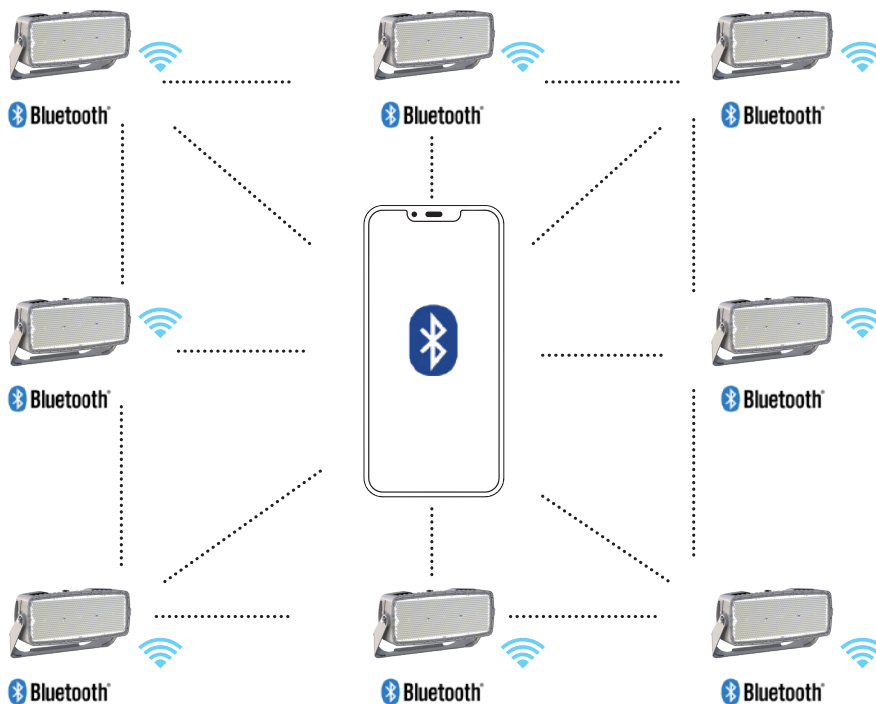


BMS-S6-PIR-DC1-BLE-SR-ZT

Zhaga Bluetooth Passive Infrared Sensor

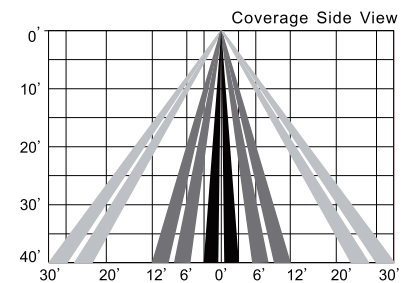
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BLUETOOTH MESH CONTROL

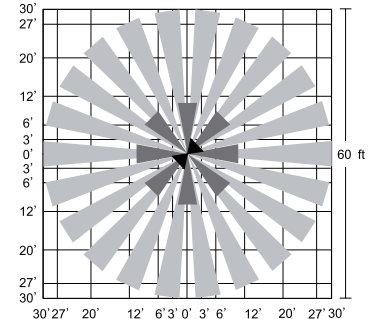


DETECTION AREA

Coverage Side View

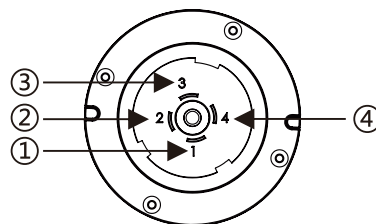


Coverage Plan View



PORT DESCRIPTION

- Port 1 : 12-24Vdc
- Port 2 : GND/DIM -
- Port 3 : DIM +
- Port 4 : NC



WARRANTY

Five year limited warranty.

Specifications subject to change without notice.