



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



Trunnion Mount

Top Arm Mount

Louver



Football Pitch

Sports Complex

Industrial & construction sites



Port Lighting

Airport

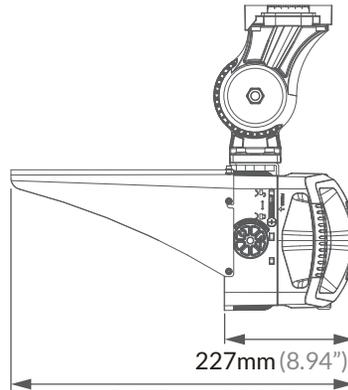
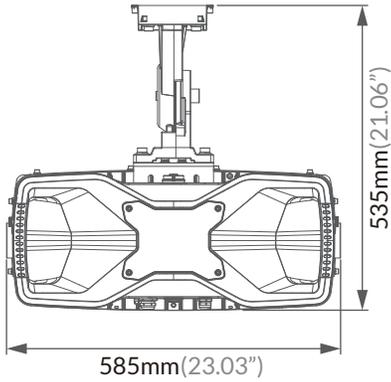
Parking Lot

## 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 reduce glare and spill.
- **Precise Control:** 11°/ 15°/ 20°/ 40°/ 60° via high performance optical lenses.

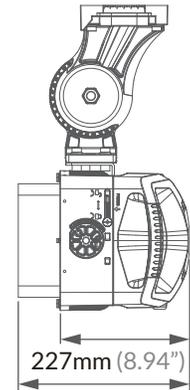
## DIMENSION

### Top Arm Mounting



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

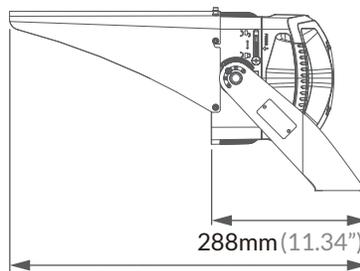
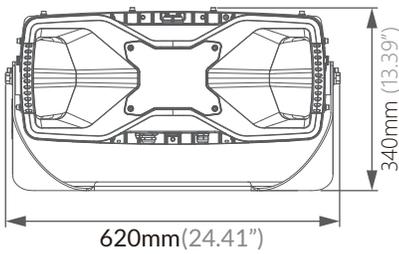
With Visor



300mm (11.81")

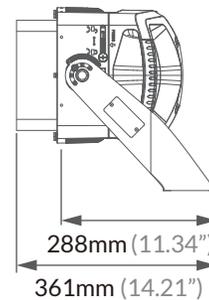
With Louver

### 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 <sup>3</sup>	Finish
ACME	800SP Selectable <sup>1</sup> 800W 700W 600W	57 5700K  50 5000K  40 4000K  30 4000K	70 70CRI	1 120-277V  6 200-480V	Blank None  ZT Zhaga Book 18 Receptacle	TR Trunnion  TA Top Arm	11 11°  15 15°  20 20°  40 40°  60 60°	GY Gray <sup>2</sup>

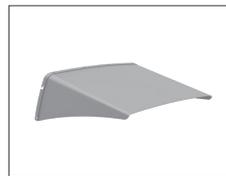
### NOTES:

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

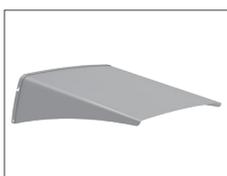
## ACCESSORIES



**ACME-SVR-GY**  
Short Visor, gray



**ACME-MVR-GY**  
Middle Visor, gray



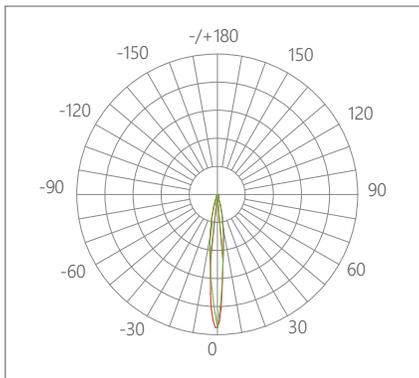
**ACME-LVR-GY**  
Long Visor, gray



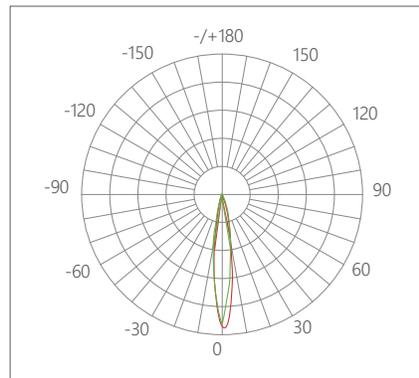
**ACME-LV-GY**  
Louver, gray

## PHOTOMETRY

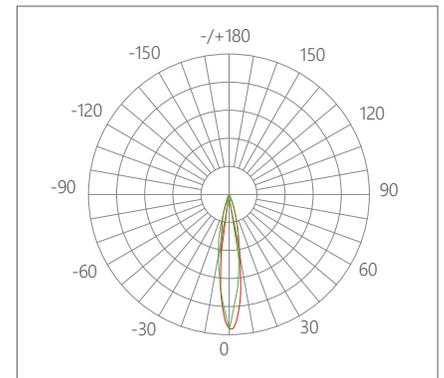
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%. Results may vary per actual order.



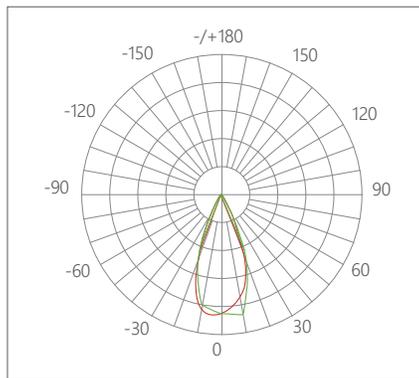
**11°**



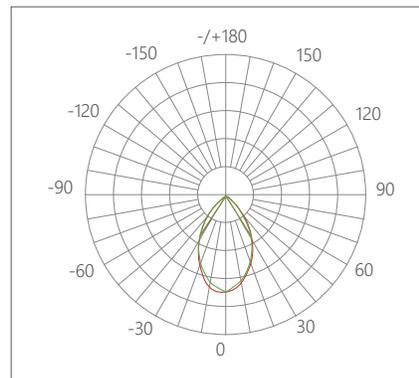
**15°**



**25°**



**40°**



**60°**

## PERFORMANCE DATA

WATTAGE	CCT	DISTRIBUTION	LUMENS (lm)	CRI	LPW
600W	5000K	11°/ 15°/ 20°/ 40°/ 60°	78,000	70	130
700W	5000K	11°/ 15°/ 20°/ 40°/ 60°	91,000	70	130
800W	5000K	11°/ 15°/ 20°/ 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

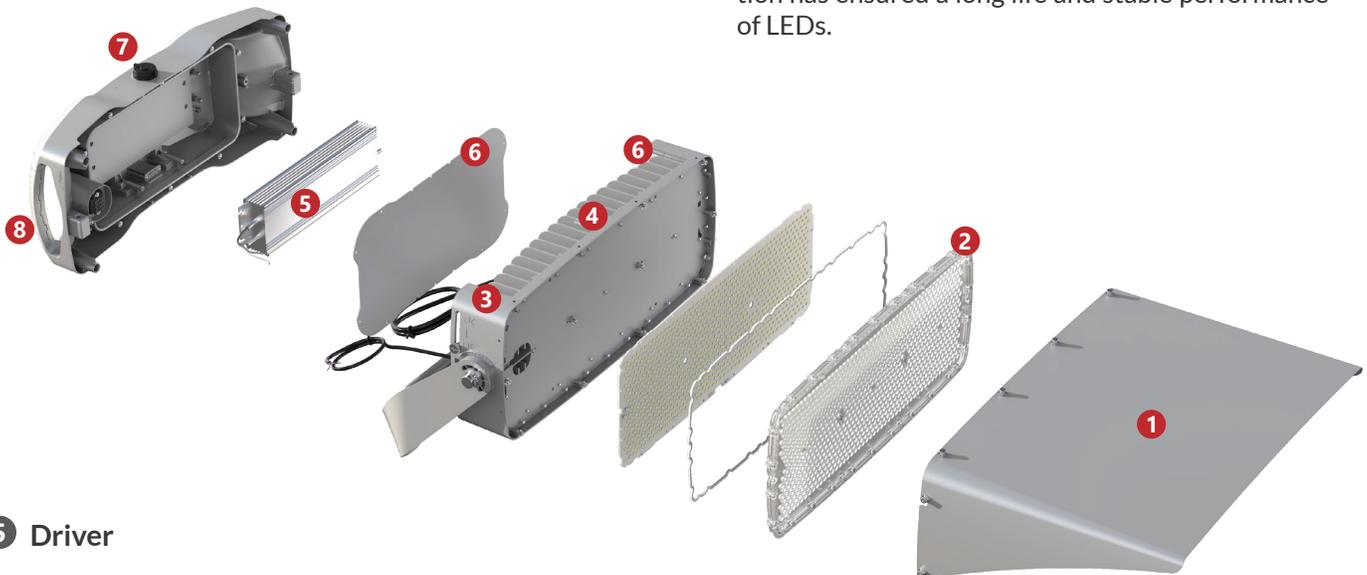
High-temperature-rated and high transmittance lens materials for less light loss and a long lifespan.  
Multiple beams spreads to meet different project requirements.

### 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

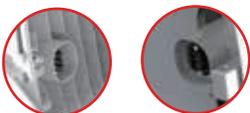
The knife switch will cut power automatically for high altitude maintenance.

### 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

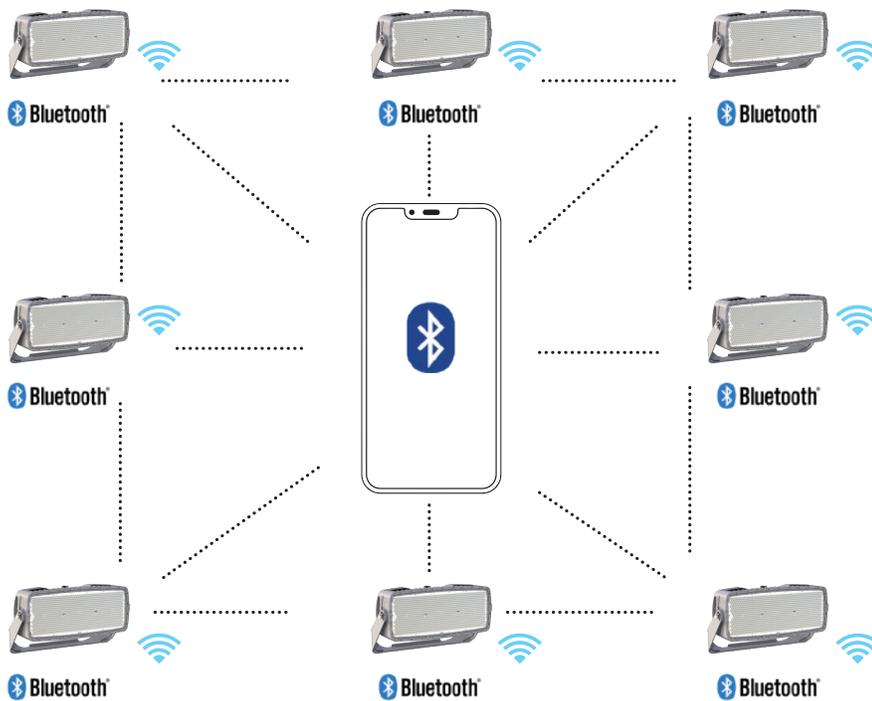
Bluetooth



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

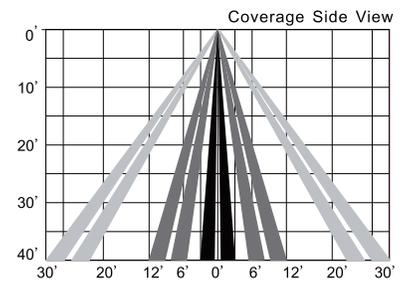
Zhaga Bluetooth Passive Infrared Sensor

## BLUETOOTH MESH CONTROL

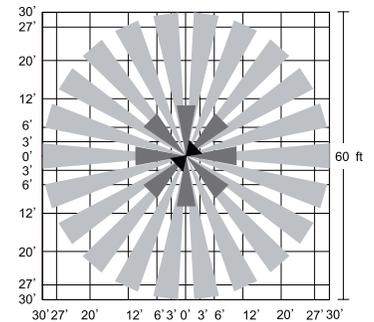


## DETECTION AREA

Coverage Side View

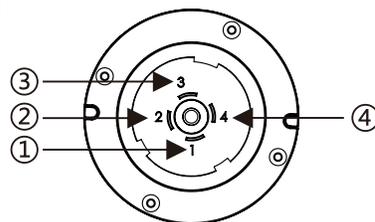


Coverage Plan View



## 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.