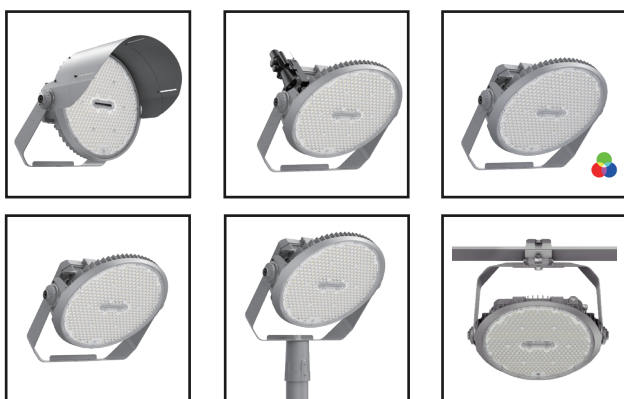




The APEX Stadium Light is a professional lighting solution for sports field and high mast area lighting. The professionally designed beam angle can target specific areas, minimizing glare and maintaining uniformity. The lamp body is made from low-copper die-cast aluminum, the bracket is made of ZAM/SPCC steel, and the lens is made from high-transmittance PC material. The LED chips are equipped with high level lightning protection. The installation angle can be infinitely adjusted through a rotatable mechanism. It supports standard bracket installation, as well as horizontal and vertical clamp or sleeve-type pole installations.

TECHNICAL DATA

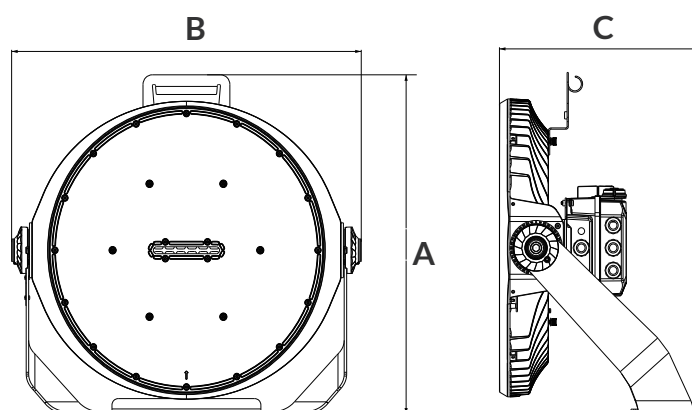
Wattage	400/300/200W selectable
	600/500/400W selectable
	800/600/400W selectable
	1200/1000/800W selectable
CCT	5000K(4000K optional)
CRI	70
Dimming	0-10V dimming (10% - 100%)
Input Voltage	120~277Vac/200-480Vac
Projected Lifetime	L70-600,000hrs @Ta=25°C
Operating Temp.	-30 to +40°C(-22 to +104°F)
	@120~277Vac
	-30 to +50°C(-22 to +122°F)
	@200~480Vac
Power Factor	>0.97 at full load
Harmonic Distortion	<20% at full load
IP Rating	IP66
Surge protection	10KV L-N, 20KV L/N-E
IK Rating	IK08
Certifications	UL Listed

Features

- **Several Mounting Options:** Trunnion, slip fitter and quick clamp pendant.
- **Robust Construction:** low-copper die-cast aluminum-housing, ZAM/SPCC steel bracket, IK08-rated polycarbonate lens.
- **High Lumen Output:** From 200W to 1200W with high luminous efficacy up to 170 LM/W.
- **Optional Add-ons:** Zhaga Book 18 Receptacle. Precision aiming device and scalable visor can dramatically reduce glare and spill. The scalable visor can save 35% packaging volume.
- **Precise Control:** 12°, 17°, 22°, 30°, 45°, 60° via high performance optical lenses.

DIMENSION

	Wattage	Luminaire Dimensions AxBxC	N.W/PC
120~277Vac	400SP	400x429x246mm (15.75x16.89x9.68")	9.90kg 21.83lbs
	600SP	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs
	800SP	526x564x326mm (20.71x22.20x12.83")	17.41kg 38.38lbs
	1200SP	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs
200~480Vac	400SP	400x429x246mm (15.75x16.89x9.68")	10.83kg 23.88lbs
	600SP	426x490x291mm (16.77x19.29x11.46")	12.96kg 28.57lbs
	800SP	526x564x326mm (20.71x22.20x12.83")	17.60kg 38.80lbs
	1200SP	581x648x332mm (22.87x25.51x13.07")	25.14kg 55.42lbs



PERFORMANCE DATA

WATTAGE	CCT	DISTRIBUTION	LUMENS (lm)	CRI	LPW
400W	5000K	12°/17°/22°/30°/45°/60°	66900~69100	70	167~172
600W	5000K	12°/17°/22°/30°/45°/60°	97800~103600	70	163~172
800W	5000K	12°/17°/22°/30°/45°/60°	132800~135800	70	166~170
1200W	5000K	12°/17°/22°/30°/45°/60°	198200~205100	70	165~171

INSTALLATION



ORDERING INFORMATION

EXAMPLE: APEX-800SP-50706-ZT-TR-60-GY

APEX								
Series	Wattage	CCT	CRI	Voltage	Control	Installation	Optics	Finish
APEX	400SP Selectable ¹ 400W 300W 200W 600SP Selectable ¹ 600W 500W 400W 800SP Selectable ¹ 800W 600W 400W 1200SP Selectable ¹ 1200W 1000W 800W	50 5000K	70 70CRI	1 120-277V 6 200-480V	Blank None ZT Zhaga Book 18 Receptacle	TR Trunnion ²	12 12° 2Hx2V 17 17° 3Hx3V 22 22° 4Hx4V 30 30° 4Hx4V 45 45° 5Hx5V 60 60° 5Hx5V 15x45³ 15°x45° 3Hx5V	GY Gray ⁴ sand texture (RAL870-3)

NOTES:

1. The highest wattage is default setting.
2. Trunnion is standard. Slip fitter and quick clamp adapter need to be ordered separately.
3. 15°x45° is special for golf course light distribution and only for 600SP and 1200SP.
4. Gray is standard. Custom color is available at an additional charge.

ACCESSORIES



APEX-PAD-BK
Precision aiming device,
black.



APEX-SF-GY
Slip fitter, gray



APEX-QCA-GY
Quick clamp adapter,
gray.



APEX-VS-400SP-GY
Visor for 400SP, gray



EXC-164FT
Extension Cable 164Ft



CMB-RDB-S
Clamp Mount Bracket
For 400W-800W Remote
Driver Box



CMB-RDB-L
Clamp Mount Bracket
For 1200W Remote
Driver Box

APEX-VS-600SP-GY
Visor for 600SP, gray

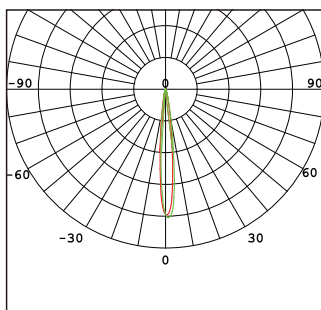
APEX-VS-800SP-GY
Visor for 800SP, gray

APEX-VS-1200SP-GY
Visor for 1200SP, gray

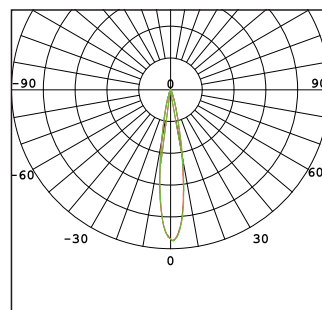
PHOTOMETRY

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.

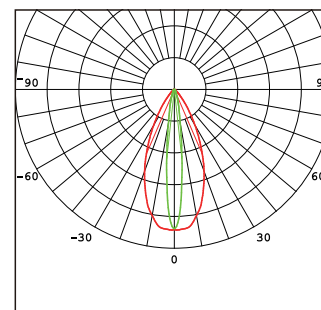
600W



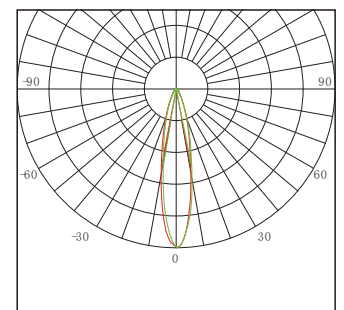
12°(NEMA 2Hx2V)
optics F34801



17°(NEMA 3Hx3V)
optics F34802

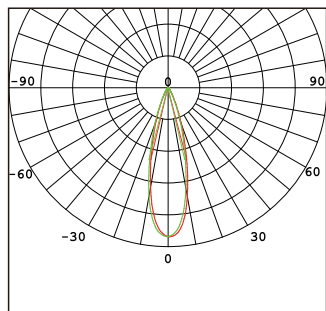


15X45°(NEMA 3Hx5V)
optics F34825

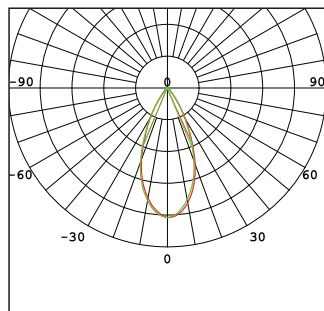


22°(NEMA 4Hx4V)
optics F34823

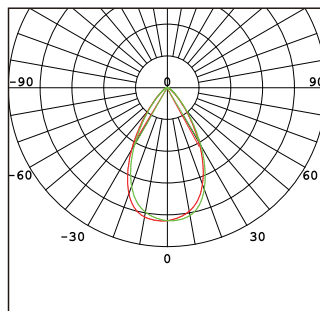
600W



30°(NEMA 4Hx4V)
optics F34803



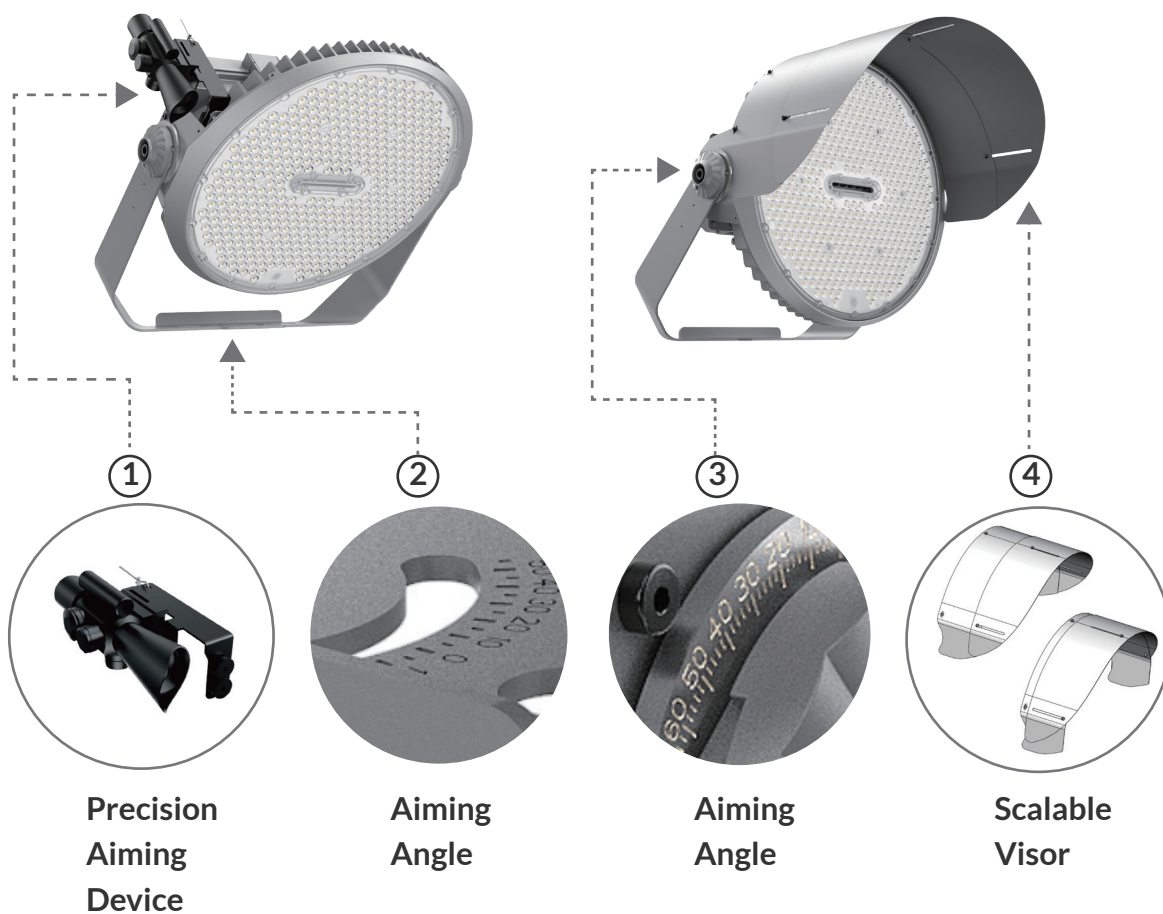
45°(NEMA 5Hx5V)
optics F34804



60°(NEMA 5Hx5V)
optics F34806

PRECISION LIGHT CONTROL

The optional precision aiming device, aiming angles on the bracket and scalable visor are key elements in controlling the amount of light that is directed onto the field, with correct aiming angles generally directing more light onto the field resulting in less spill and glare off site. Dramatically reduces glare and spill.



BLUETOOTH PIR OCCUPANCY SENSOR

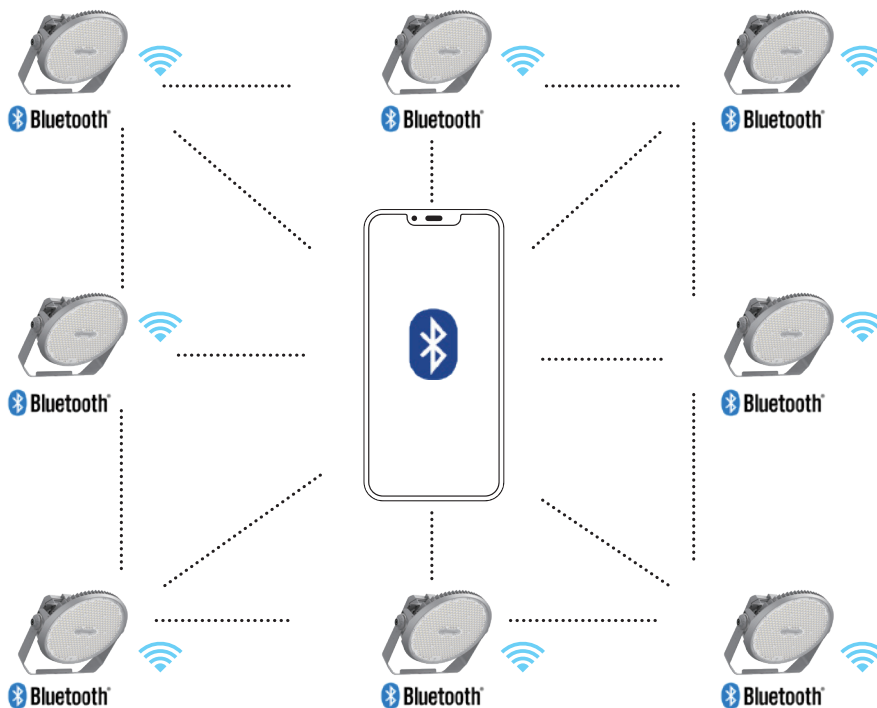


BMS-S6-PIR-DC1-BLE-SR-ZT

Zhaga Bluetooth Passive Infrared Sensor

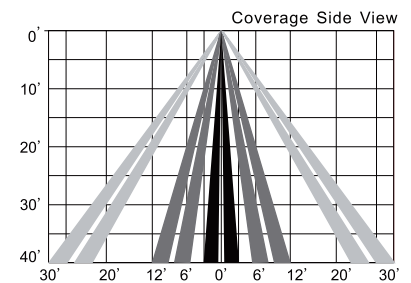
Ref#: 20260717

BLUETOOTH MESH CONTROL

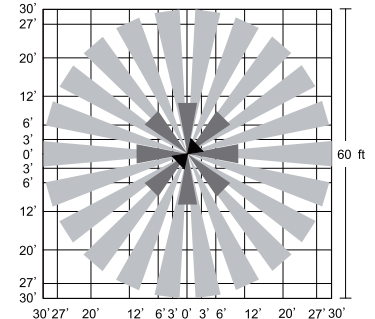


DETECTION AREA

Coverage Side View

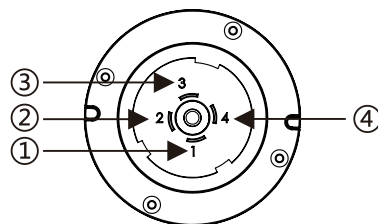


Coverage Plan View



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.