



LED SPORTS LIGHT (M SERIES)

Applications:

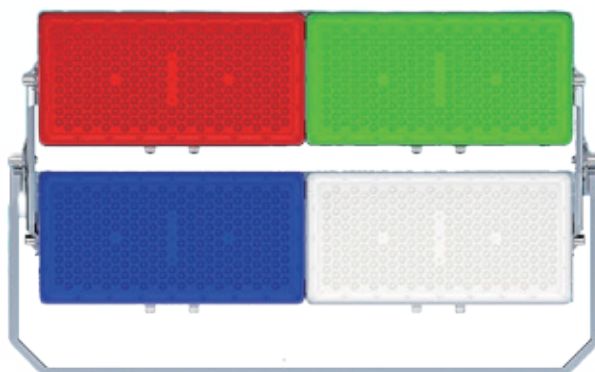
Sports facilities, Stadiums, Port facilities, Shipping yards, Airports, Rail yards and Industrial lighting.

FEATURES

- Cold Forged aluminum housing with zinc coating and powder coat paint to standup to the elements of all outdoor applications
- Lumen packages from 52,000 to 360,000 Lumens, offering efficacy up to 150 lumens/watt
- Available in 15°, 30°, 45°, 60°and 120°beam angles
- 0-10V Dimming is optional
- Low profileand compact design minimize wind load requirements
- Operating voltage is 100-277 VAC or 277-480 VAC
- Suitable for operating in ambient temperatures of -40° C to 50° C (-40°F to 122°F)
- IP66 Rated and IK09 Rated
- ETL Listed
- Standard 5-Year Limited Warranty



400W - 2400W



RGB/RGBW

SPECIFICATIONS



AO-SP-M1xxxW UXYZ



AO-SP-M2xxxW UXYZ



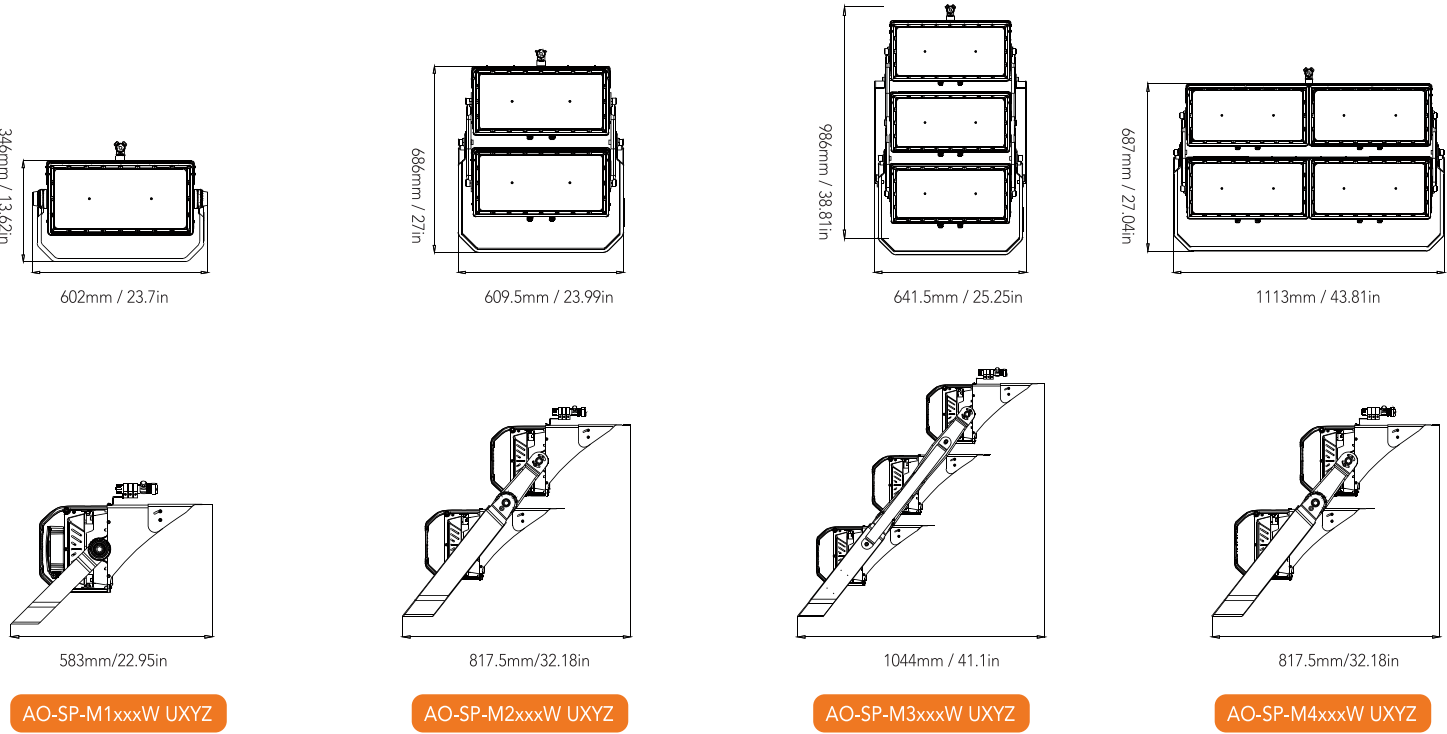
AO-SP-M3xxxW UXYZ



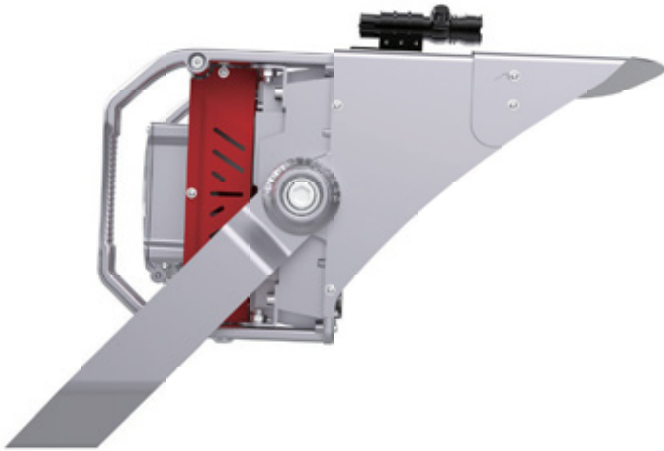
AO-SP-M4xxxW UXYZ

Model NO	AO-SP-M1xxxW UXYZ	AO-SP-M2xxxW UXYZ	AO-SP-M3xxxW UXYZ	AO-SP-M4xxxW UXYZ
Wattage	400W/500W/600W	800W/1000W/1200W	1500W/1800W	2000W/2400W
LED Chip	LED3737/5050/3030	LED3737/5050/3030	LED3737/5050/3030	LED3737/5050/3030
Efficiency	130lm/W or 150lm/W	130lm/W or 150lm/W	130lm/W or 150lm/W	130lm/W or 150lm/W
Luminous Flux	52,000-90,000lm	104,000-180,000lm	195,000-270,000lm	260,000-360,000lm
CCT	2700-6500K/ RGB/ RGBW	2700-6500K/ RGB/ RGBW	2700-6500K/ RGB/ RGBW	2700-6500K/ RGB/ RGBW
Beam Angle	15°/30°/45°/60°/120°	15°/30°/45°/60°/120°	15°/30°/45°/60°/120°	15°/30°/45°/60°/120°
CRI	70/80	70/80	70/80	70/80
IK	IK09	IK09	IK09	IK09
Working Temperature	-40 °C to +50 °C(-40°F to +122°F)	-40 °C to +50 °C(-40°F to +122°F)	-40 °C to +50 °C(-40°F to +122°F)	-40 °C to +50 °C(-40°F to +122°F)
Surge Protection	10/20KV Optional	10/20KV Optional	10/20KV Optional	10/20KV Optional
Driver	Inventronics/ Sosen	Inventronics/ Sosen	Inventronics/ Sosen	Inventronics/ Sosen
Input Voltage	AC100-277V/277-480V	AC100-277V/277-480V	AC100-277V/277-480V	AC100-277V/277-480V
Power Factor	0.95	0.95	0.95	0.95
Total Harmonic Distortion	<15%	<15%	<15%	<15%
Ingress Protection	IP66	IP66	IP66	IP66
Lifespan(L70 Standard)	50,000 Hours	50,000 Hours	50,000 Hours	50,000 Hours
Warranty	5 Years	5 Years	5 Years	5 Years
Housing	Cold Forging Aluminum	Cold Forging Aluminum	Cold Forging Aluminum	Cold Forging Aluminum
Lens Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material
Carton Dimension	686x369x426mm	644x686x803mm	885x687x1111mm	1193x640x812mm
	27.00x14.53x16.77inch	25.35x27.00x31.61inch	34.84x27.04x43.74inch	46.96x25.20x31.97inch
Net Weight	20kg/44.09lbs	40kg/88.18lbs	60kg/132.28lbs	80kg/176.37lbs
Gross Weight	23kg/50.70lbs	46kg/101.41lbs	64kg/141.09lbs	85kg/187.39lbs

DIMENSIONS



FEATURES

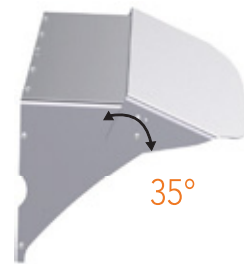


PORTABLE DESIGN

The portable design brings visually modern aesthetics and is quite simple for installation.

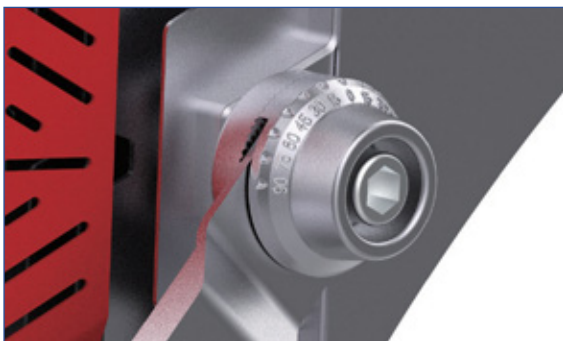
HOUSING

Through intergrated cold forging technology, the high quality aluminum finish with zinc coated and powder coated enhances corrosion resistance.



REFLECTOR

The hood can block the light and diffuse reflection to make the shining more uniform, with reflector-cover function and being rotated from 0° to 35°.



INFINITE ANGLE ADJUSTMENT

Infinite angle adjustment is more versatile for various project installations.

FEATURES

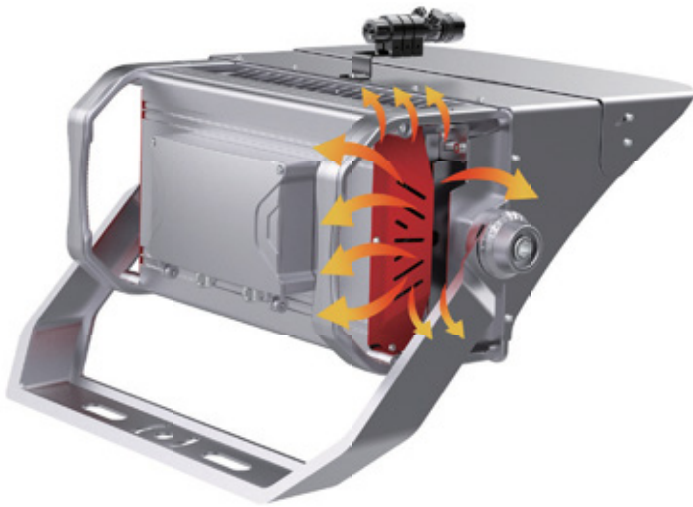


LASER AIMING DEVICE (OPTIONAL)

Laser aiming device provides precise control in angling and aiming to optimal position.

EASY EXTERNAL WIRING

Simple wiring, convenient operation, saving installation time.



ADDITIONAL SIDE HEAT DISSIPATION

Elongated holes help to optimize heat dissipation and enhance air convection around the driver to effectively cool the driver temperature.



UNIQUE DESIGN

Portable bracket and housing is designed to increase the sense of damping, enhancing resistance to vibration.

PHOTOMETRICS

UNIT: CD

C0/180

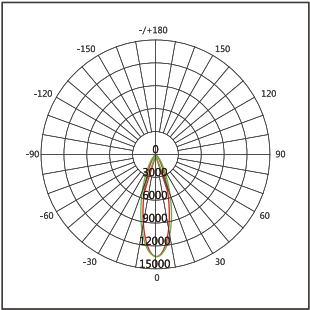
C90/270

C60/240

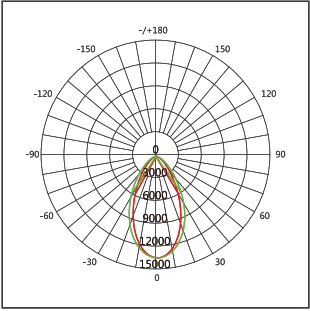
C30/210

50% I_{max}

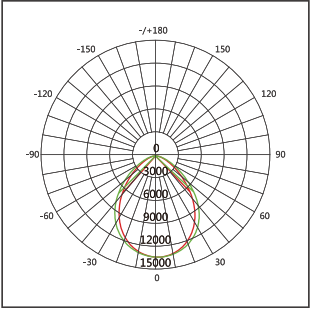
15°



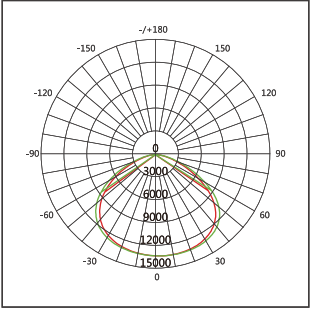
30°



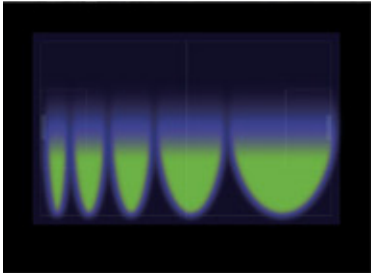
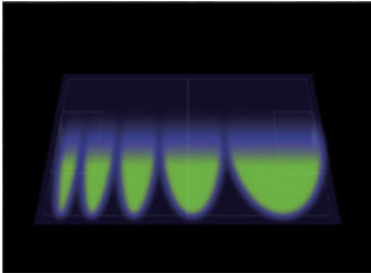
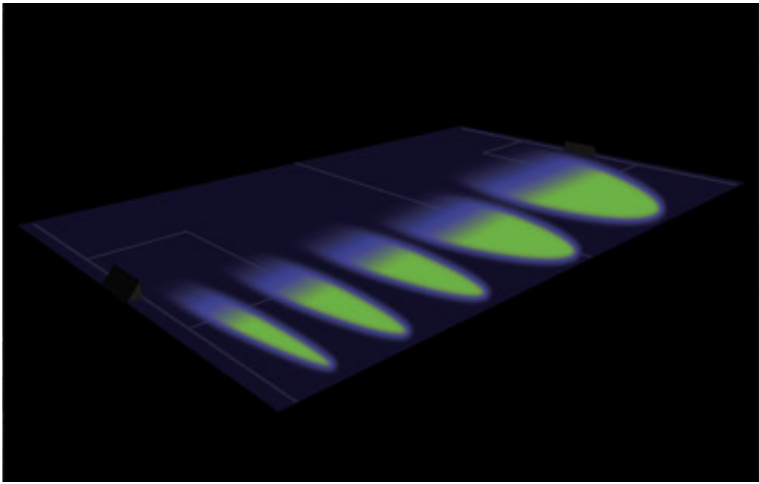
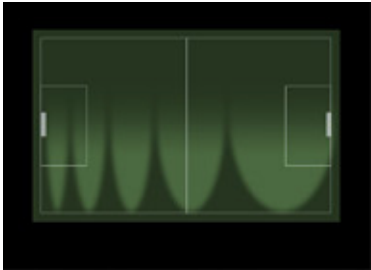
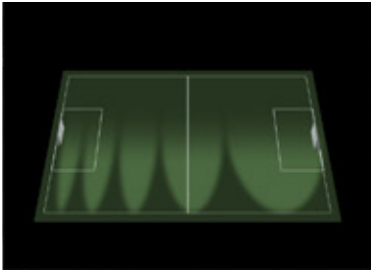
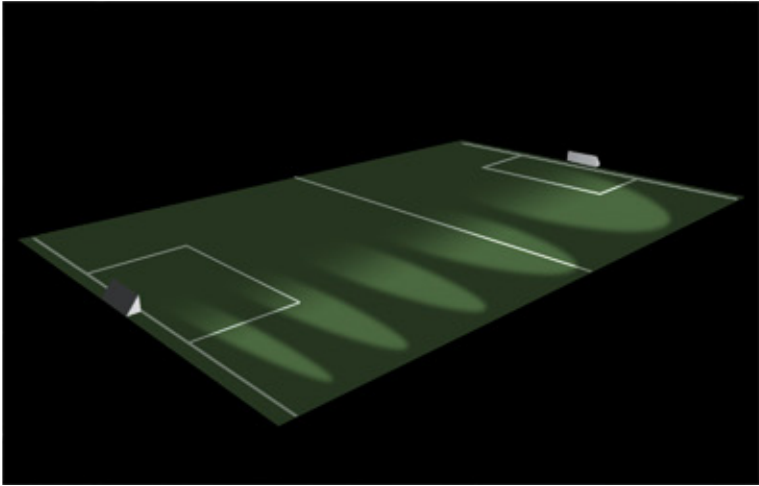
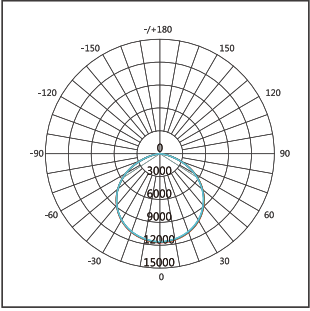
45°



60°



120°



ORDERING GUIDE

Example: AO-SP-M1-400-27-N-15D-N-LV

Fixture Type	Series	Wattage	CCT	Dimming	Beam Angle	Sensor	Voltage
AO-							
SP Sports Light Series	M1	400 400W	27 2700K 30 3000K 40 4000K 50 5000K 65 6500K RGB Note 1 RGBW Note 2	N Non Dimmable D Dimmable	15D 15° 30D 30° 45D 45° 60D 60° 120D 120°	N Without Sensor G With Sensor P Photocell Sensor	LV 100-277V HV 277-480V
		500 500W					
		600 600W					
	M2	800 800W					
		1000 1000W					
		1200 1200W					
	M3	1500 1500W					
		1800 1800W					
	M4	2000 2000W					
		2400 2400W					

NOTES

1. RGB= Red, Green, Blue
2. RGBW= Red, Green, Blue, White



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Specifications are subject to change without notice.
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