

# M Series Sports Light



## Brief Description

Designed by our own R&D team, M series LED sports light produces high brightness and enhanced glare-free illumination for specific venue to create bright and comfortable lighting. Wind resistance and IP66 rated for wet location make it ideal for outdoor large places such as stadium, dock, shipping yard, airport.

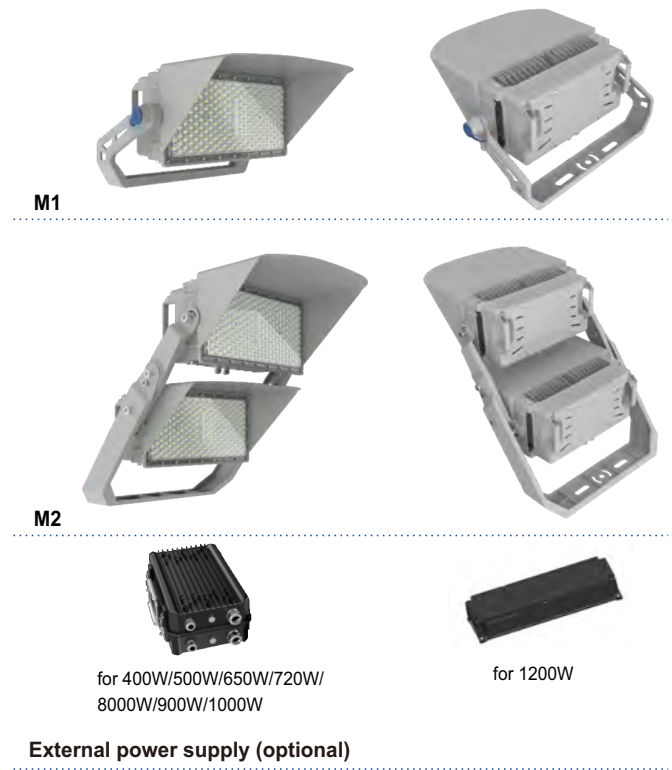
## Application

Suitable for use as flood and area lighting for:

- Sporting facility, stadium, container loading area, shipping yard, high mast roadway, airport, dock, industrial lighting, parking lot, railway, public square.

## Key Features

- RGB/RGBW optional.
- External power supply optional.
- Cold forging aluminum housing with polyester powder coated finish, excellent heat dissipation and corrosion resistance.
- Laser aiming device (optional) provides precise control in angling and aiming to exact optimal position.
- High-quality optical material and various light distribution angles deliver ideal illumination and visual comfort.



## Specifications

Model Number	SP-M1xxxW UCXYCC			SP-M2xxxW UCXYCC				
Wattage	400W	500W	650W	720W	800W	900W	1000W	1200W
Efficiency (CRI: 70)	130lm/W or 150lm/W			130lm/W or 150lm/W				
Luminous Flux (lm)	52,000-97,500			93,600-180,000				
EPA	1.68Ft <sup>2</sup>			3.27Ft <sup>2</sup>				
Power Supply	Driver Brand: Inventronics/Sosen; Built-in Power Supply (Standard); External Power Supply (Optional)							
Input Voltage	AC120-277V/120-347V/277-480V							
Power Factor	0.95							
Total Harmonic	<15%							
LED Type	3737(for 15°)/5050/3030							
CCT	2700K/3000K/4000K/5000K/6000K/6500K/RGB(optional)/RGBW(optional)							
Intelligent Control	ON/OFF (Standard); DMX512/DALI (Optional)							
CRI	Ra70 (Standard)/Ra80 (Optional)							
Beam Angle	15°/20°/30°/40°/60°/120°							
Lifespan	50,000 Hours							
Ingress Protection	IP66							
IK Rating	IK09							
Surge Protection	10kV (Standard)/20kV (Optional)							
Ambient Temp.	-40°C to 50°C (-40°F to 122°F)							
Housing	Cold Forging Aluminum							
Lens Material	Anti-UV PC Optical Material							
Outlet Wire	Standard outlet length is 0.5-0.8 meters, and the outlet length can be customized.							
Other Device	Laser Aiming Device (Optional)							
Warranty	5-year Limited Warranty							



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# M Series Sports Light

## Ordering Guide

SP	M1/M2	xxxW	U	C	X	Y	CC
Product Category	Product Series	Wattage	CCT	CRI	Dimming Option	Beam Angle	Voltage
Sports Light	M1 series M2 series	M1: 400/500/650W M2: 720/800/900/1000/1200W	27=2700K 30=3000K 40=4000K 50=5000K 60=6000K 65=6500K RGB=RGB RGBW=RGBW	70: Ra70 (standard)  80: Ra80 (optional)	D: Dimmable N: Non-dimmable	15=15° 20=20° 30=30° 40=40° 60=60° 120=120°	120-277V 120-347V 277-480V

Example: SP-M1500W 5070D20120-277V

SP	M1	500W	50	70	D	20	120-277V
Sports light	M1 series	Wattage: 500W	CCT: 5000K	CRI: Ra70	Dimmable	Beam angle: 20°	Voltage: AC120-277V

## Packing Information

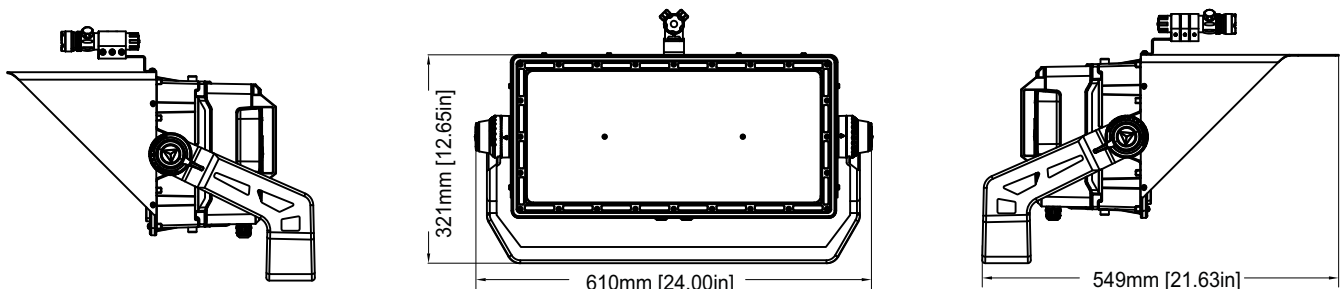
Model	Qty/Carton	Package Dimension (LxWxH)	Net Weight	Gross Weight
SP-M1xxxW UXYZICC	1 pc	655x395x355mm (25.79x15.55x13.97inch)*	18.3kg (40.34lbs)	20.5kg (45.19lbs)
SP-M2xxxW UXYZICC	1 pc	855x700x350mm (33.66x27.56x13.78inch)*	31.5kg (69.44lbs)	34.5kg (76.06lbs)
External Power Supply (for 400W/500W/650W/720W/800W/900W/1000W)	1 pc	535x325x210mm (21.06x12.79x8.27inch)	6.6kg (14.55lbs)	7.8kg (17.19lbs)
External Power Supply (for 1200W)	1 pc	550x190x170mm (21.65x7.48x6.69inch)	6.1kg (13.45lbs)	7kg (15.43lbs)

\*The package dimensions are the same for the luminaire M1/M2 with built-in power supply and with external power supply.

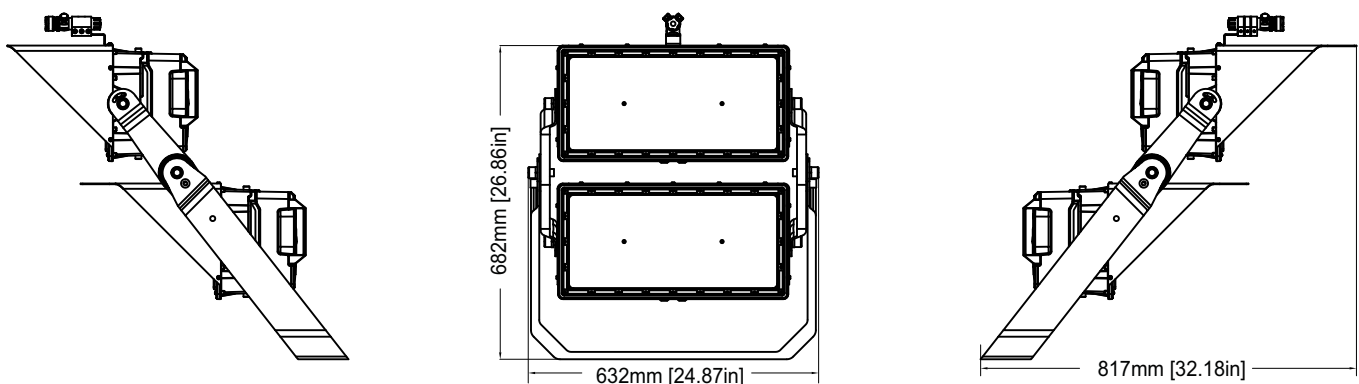
## Dimensions

### SP-M1xxxW UCXYCC

Remark: Laser aiming device is optional.



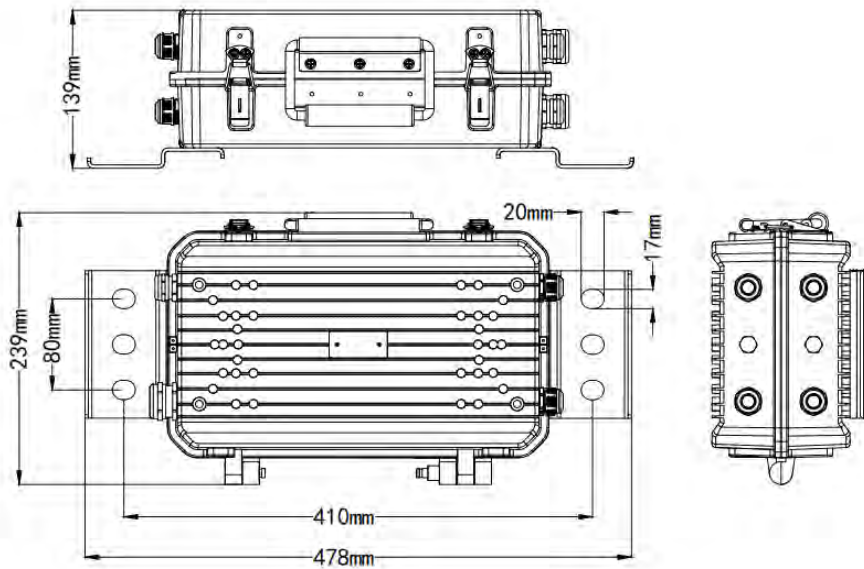
### SP-M2xxxW UCXYCC



## Dimensions (continued)

### External Power Supply

400W/500W/650W/720W/800W/900W/1000W:



1200W:

