



SERIES J

LED SPORTS LIGHTING

400W | 500W | 600W | 720W | 800W | 900W

PRECISION SPORTS LIGHTING

High-output illumination for stadiums and large-area applications.

H2LIGHTING.NET



DESCRIPTION

J series produce ideal light distribution with the highest reliability level - incredibly high over 93% total efficiency, while saving up to 80% energy compared with traditional lighting. With die-cast aluminum(ADC12) housing, rugged and weather-tight design, this durable luminaire can withstand the most demanding elements, ideal for use in high vibration areas and extreme outdoor conditions. Its aesthetically pleasant design makes it a wonderful lighting scene in the environment.

CL-SPJ2xxW UXYZ ▼

CL-SPJ1xxW UXYZ ▼



ORDERING INFORMATION

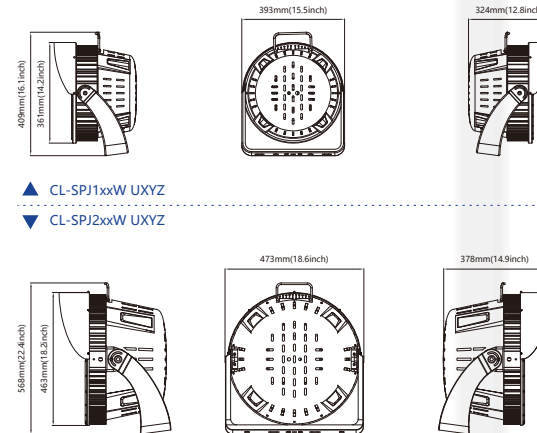
CL-SP	Ji	xxxW	U	X	Y	Z	CC
Sports Light	J Series, Ji=J1/J2	Wattage 400-1200W	CCT 27=2700K 65=6500K	X=N non-dimmable X=D nimmable	Beam Angel Y=30, 30° Y=45, 45° Y=60, 60°	Z=N Without Sensor Z=G With Sensor Z=P Photocell	CC=Input Voltage Range (120-277V Or 277-480V)

SPECIFICATION

Model NO.	CL-SPJ1xxW UXYZ	CL-SPJ2xxW UXYZ
Wattage	400W/500W/600W	600W/720W/800W/900W
Power Supply	Inventronics Or Sosen	Inventronics Or Sosen
Input Voltage	AC100-277V/277-480V/100-347V	AC100-277V/277-480V/100-347V
Power Factor	0.95	0.95
Total Harmonic	<15%	<15%
Efficiency	150 lm/W	150 lm/W
Luminous Flux	60,000lm/67,500lm/75,000lm	10,000lm/120,000lm/135,000lm
LED Chip	5050	5050
CCT	2700-6500K/RGB/RGBW	2700-6500K/RGB/RGBW
Intelligent control	DMX512/DALI	DMX512/DALI
CRI	Ra70/Ra80/Ra90(Optional)	Ra70/Ra80/Ra90(Optional)
Beam Angle	15°/30°/45°/60°/120°	15°/30°/45°/60°/120°
EPA	0.95Ft²	1.40Ft²
Lifespan	50,000 Hours	50,000 Hours
Ingress Protection	IP65	IP65
Housing	Cold Forging Aluminum	Cold Forging Aluminum
IK	IK10	IK10
Working Temperature	-40°C to +50°C	-40°C to +50°C
Surge Protection	10/20KV Optional	10/20KV Optional
Lens Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material
Net Weight	10kg/22.04lbs	15kg/33.06lbs
Gross Weight	14kg/30.86lbs	20kg/44.09lbs
Fixture Dimension	Ø361mm/14.2inch	Ø463mm/18.2inch



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FEATURES



Easy Installation.



Energy saving up to 80% compared to traditional stadium light.



Cold forging aluminum housing with anti-corrosion polyester powder coated finish.



Excellent heat dissipation.

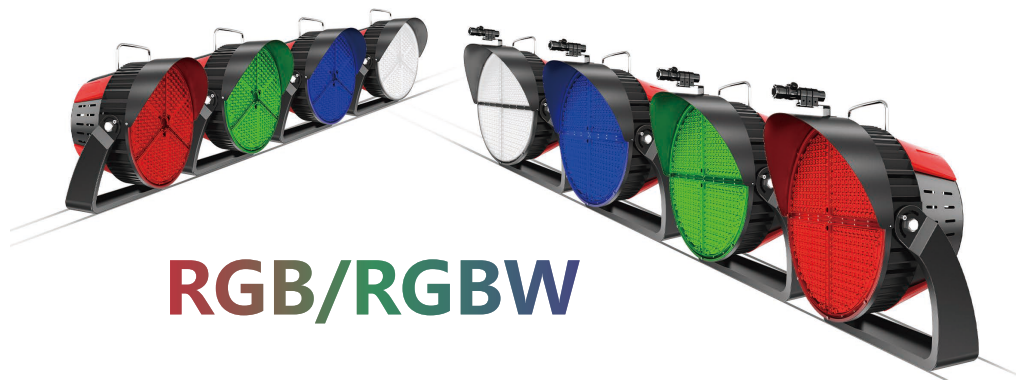


Long lifespan of 50,000 hours.



Special circuit design for each part to work separately.

CE CB SAA ErP    

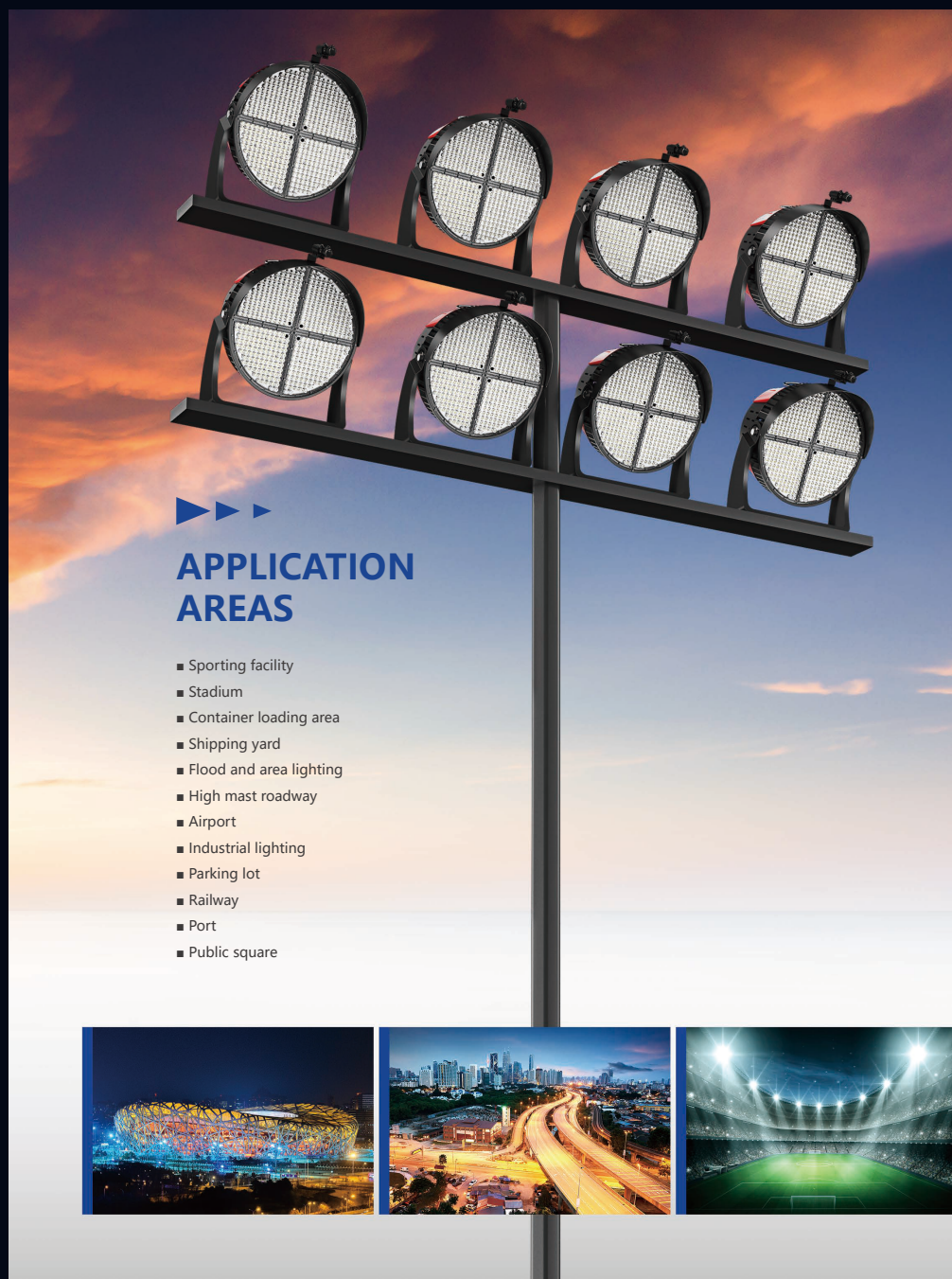


RGB/RGBW

APPLICATION AREAS

- Stadiums
- Sporting facilities
- Airports
- Ports
- Rail yards
- High-mast roadways
- Public squares

HIGH-OUTPUT AREA LIGHTING





M SERIES

LED SPORTS LIGHTING

400W TO 2400W | UP TO 150 LM/W | IP66

HIGH-OUTPUT MODULAR LIGHTING

Designed for stadiums, airports, docks and other demanding large-area applications.

H2LIGHTING.NET





BUILT FOR LARGE VENUES

The M Series combines a modular, lightweight fixture design with high-output illumination. Its glare-control options, wind-resistant construction and IP66 wet-location rating make it well suited to stadiums, sports facilities, docks, airports and other large outdoor areas.

CORE PERFORMANCE

OUTPUT RANGE

400W-2400W

EFFICACY

130 or 150 lm/W

COLOR OPTIONS

2700K-6500K / RGB / RGBW

OPTICS

15° / 30° / 45° / 60° / 120°

INGRESS RATING

IP66

IMPACT RATING

IK10

RATED LIFE

50,000 hours (L70)

TEMPERATURE

-40°C to +50°C (-40°F to +122°F)

APPLICATIONS

● Stadiums

● Sporting facilities

● Airports

● Docks and ports

● High-mast areas

OUTPUT OPTIONS

Four scalable families cover projects from 400W through 2400W.



CL-SPM1xxxW UXYZ

WATTAGE

400 / 500 / 600W

LUMINOUS FLUX

52,000-90,000 lm

NET WEIGHT

20 kg / 44.09 lb



CL-SPM2xxxW UXYZ

WATTAGE

800 / 1000 / 1200W

LUMINOUS FLUX

104,000-180,000 lm

NET WEIGHT

40 kg / 88.18 lb



CL-SPM3xxxW UXYZ

WATTAGE

1200 / 1500 / 1800W

LUMINOUS FLUX

156,000-270,000 lm

NET WEIGHT

60 kg / 132.28 lb



CL-SPM4xxxW UXYZ

WATTAGE

1600 / 2000 / 2400W

LUMINOUS FLUX

208,000-360,000 lm

NET WEIGHT

80 kg / 176.37 lb



COMMON SPECIFICATIONS

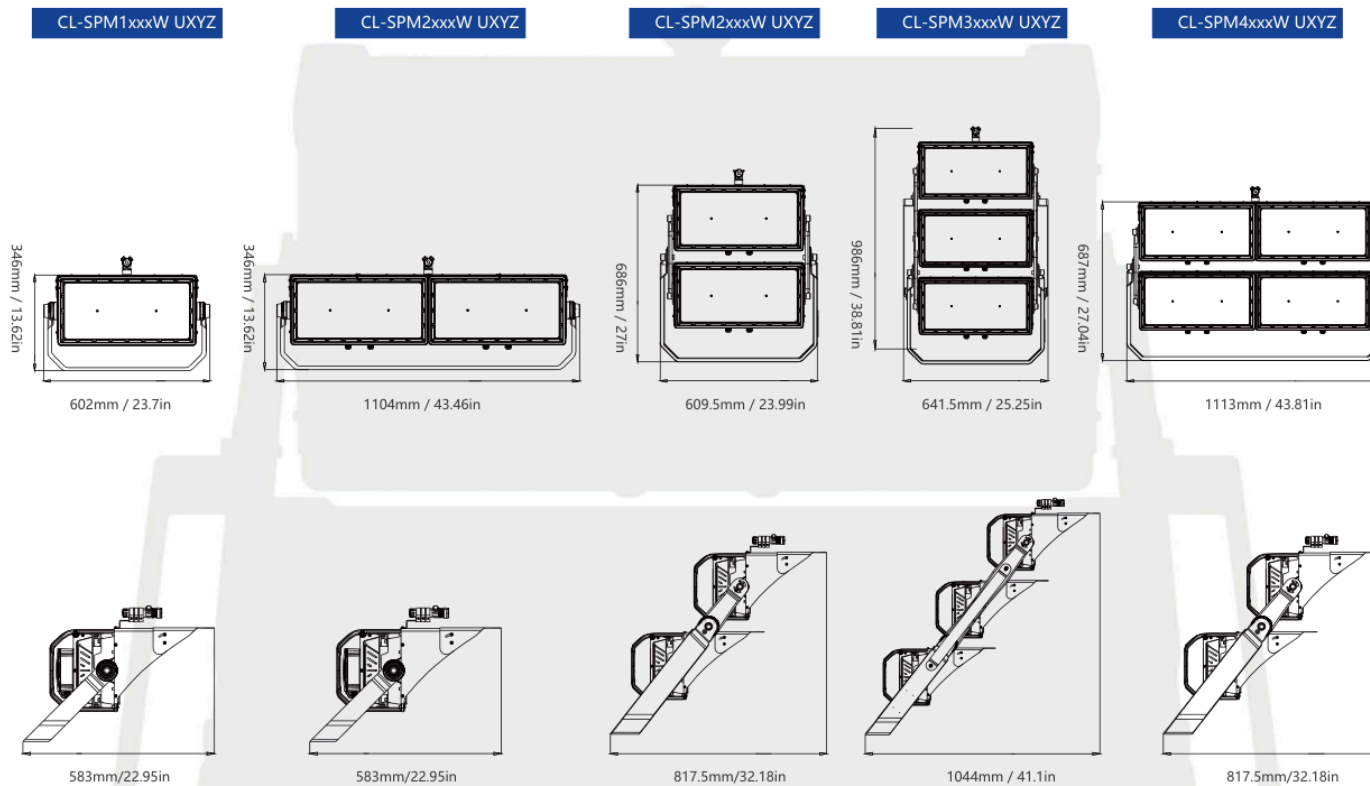
Applies across the M Series model families unless otherwise noted.

LED CHIP	LED 3737 / 5050 / 3030	SURGE PROTECTION	10 kV / 20 kV optional
EFFICACY	130 lm/W or 150 lm/W	POWER SUPPLY	Inventronics / Sosen
CCT / COLOR	2700K-6500K / RGB / RGBW	INPUT VOLTAGE	AC 100-277V / 200-480V
BEAM ANGLES	15° / 30° / 45° / 60° / 120°	POWER FACTOR	0.95
CRI	70 / 80	TOTAL HARMONIC DISTORTION	<15%
IMPACT RATING	IK10	RATED LIFE	50,000 hours (L70)
INGRESS PROTECTION	IP66	HEAT SINK	Cold-forged aluminum
OPERATING TEMPERATURE	-40°C to +50°C (-40°F to +122°F)	LENS	Anti-UV polycarbonate optical material

Packaging dimensions and gross shipping weights intentionally omitted.

FIXTURE DIMENSIONS

Front, side and mounting profiles shown in millimeters and inches.



PORTABLE DESIGN



A portable bracket design creates a clean, modern profile and simplifies positioning during installation.

HOUSING



Integrated cold-forging construction with zinc and powder-coated steel components improves corrosion resistance.

OPTIONAL LASER AIMING



An optional laser aiming device supports precise fixture alignment.

EASY EXTERNAL WIRING



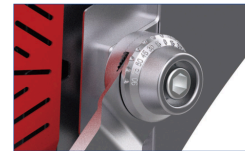
Accessible external wiring simplifies connections and helps reduce installation time.

REFLECTOR



The adjustable hood controls spill light and helps distribute illumination more uniformly. Rotation range: 0° to 35°.

INFINITE ANGLE ADJUSTMENT



Continuous aiming adjustment supports precise setup for varied project conditions.

SIDE HEAT DISSIPATION



Elongated ventilation openings promote air movement around the driver for effective thermal management.

ERGONOMIC BRACKET



The portable bracket and housing provide a secure, controlled feel during handling and adjustment.

BEAM DISTRIBUTIONS

Available beam angles: 15°, 30°, 45°, 60° and 120°. Polar plots are shown in candela (cd) with 50% I_{max} reference.

