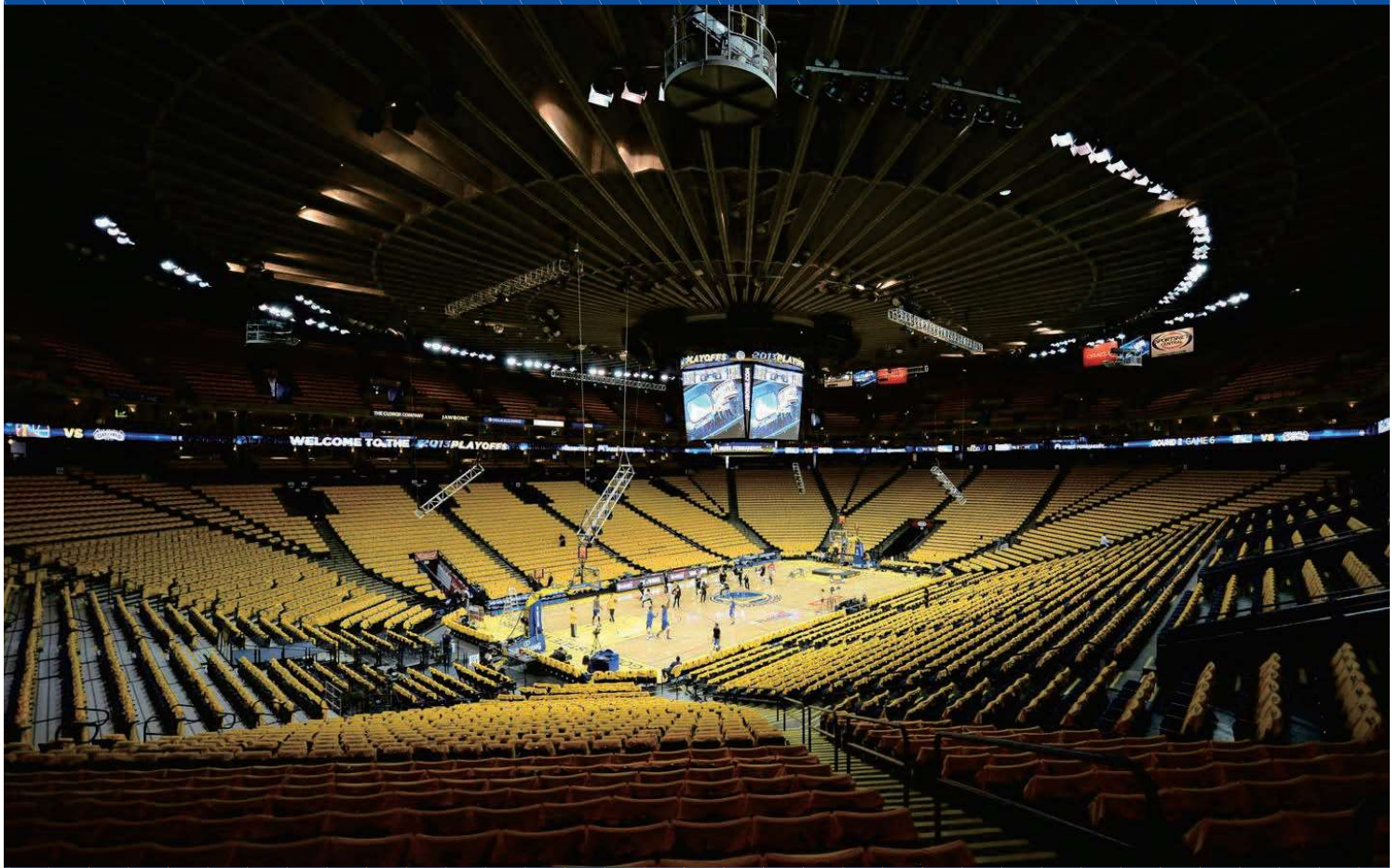


Durable Stadium Lighting Solution



LED Sports Light
J1 / J2 / L2 Series

J1 J2 series



L2 series



Product Description

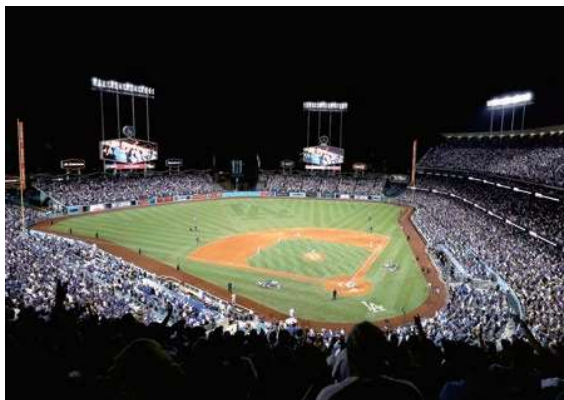
J1 & J2 & L2 series LED sports light produces ideal light distribution with the highest reliability level - incredibly high over 93% total efficiency, while saving up to 80% energy compared with traditional lighting. With die-cast aluminum (AL1070) housing, rugged and weather-tight design, this durable luminaire can withstand the most demanding elements, ideal for use in high vibration areas and extreme outdoor conditions.

Features

- RGB/RGBW optional
- External power supply and built-in power supply are optional
- DALI, DMX512 wireless control
- Adjustable output current (AOC)
- Die-cast 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
- Special circuit design for each module part to work separately
- High-quality optical material and various light distribution angles deliver ideal illumination and visual comfort

Compliance

ETL
DLC



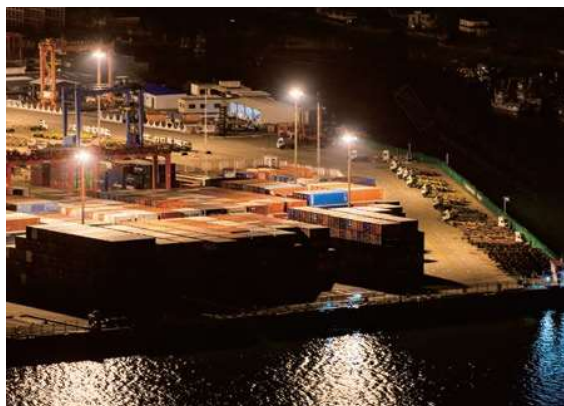
Application

- Sporting Facility
- Stadium
- Paper mills
- Container Loading Area
- Shipping Yard
- High Mast Roadway
- Airport
- Industrial Lighting
- Parking Lot
- Railway
- Port
- Public Square



Warranty

5-Year Standard Warranty
50,000 hours L70B50@35°C



Technical Parameter

• Electrical

Specification	SP-J1xxxW XUYZCC	SP-J2xxxW XUYZCC	SP-L2xxxW XUYZCC
Rated Power	300/400/500/600W	720/800/1000/1200W	1000/1200/1500/1600/1800W
Input Voltage	AC120-277V/120-347V/277-480V	AC120-277V/120-347V/277-480V	AC120-277V/120-347V/277-480V
Input Frequency	50/60Hz	50/60Hz	50/60Hz
Power Factor	0.95	0.95	0.95
THD	<15%	<15%	<15%
Power Supply	Inventronics/Sosen	Inventronics/Sosen	Inventronics/Sosen
Surge Protection	10kV (Standard) / 20kV (Optional)	10kV (Standard) / 20kV (Optional)	10kV (Standard) / 20kV (Optional)

• Optical

Specification	SP-J1xxxW XUYZCC	SP-J2xxxW XUYZCC	SP-L2xxxW XUYZCC
Lumen Output	45,900lm-93,000lm	106,560lm-162,000lm	148,000lm-243,000lm
Lumens Per Watt @Ra70	300W: 170lm/W, 400W: 165lm/W 500W: 160lm/W, 600W: 155lm/W	720W: 165lm/W, 800W: 160lm/W 1000W: 150lm/W, 1200W: 135lm/W	1000W: 165lm/W, 1200W: 155lm/W 1500W: 145lm/W, 1600W: 140lm/W 1800W: 135lm/W
Lumens Per Watt @Ra80	300W: 153lm/W, 400W: 148lm/W 500W: 144lm/W, 600W: 140lm/W	720W: 148lm/W, 800W: 144lm/W 1000W: 135lm/W, 1200W: 120lm/W	1000W: 148lm/W, 1200W: 140lm/W 1500W: 130lm/W, 1600W: 126lm/W 1800W: 121lm/W
Beam Angle	15°/20°/30°/45°/60°	15°/20°/25°/40°/60°/80°	15°/30°/45°
LED Type	5050 (3737 for 15° beam angle*)	5050 (3737 for 15° beam angle*)	3030 (3737 for 15° beam angle*)
CCT	2700K-6500K/RGB/RGBW	2700K-6500K/RGB/RGBW	2700K-6500K/RGB/RGBW
CRI	Ra70(Standard), Ra80(Optional)	Ra70(Standard), Ra80(Optional)	Ra70(Standard), Ra80(Optional)
Dimming	0-10V Dimming	0-10V Dimming	0-10V Dimming
Intelligent Control	DMX512/DALI wireless control	DMX512/DALI wireless control	DMX512/DALI wireless control

*The CRI value of 3737 LED chip(15°) is limited to Ra70.

• Environmental

Specification	SP-J1xxxW XUYZCC	SP-J2xxxW XUYZCC	SP-L2xxxW XUYZCC
Ambient Operating 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)

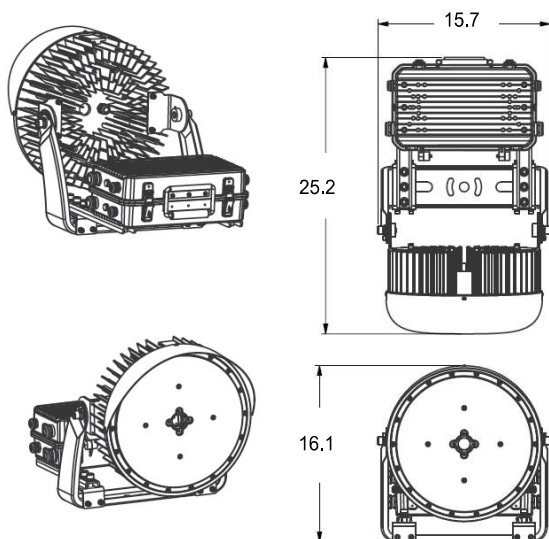
• Mechanical

Specification	SP-J1xxxW XUYZCC	SP-J2xxxW XUYZCC	SP-L2xxxW XUYZCC
Housing Material	Cold Forging Aluminum (Al1070)	Cold Forging Aluminum (Al1070)	Cold Forging Aluminum (Al1070)
Lens Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material	Anti-UV PC Optical Material
Protection	IP66/IK09	IP66/IK09	IP66/IK09
Mounting	Bracket	Bracket	Bracket

Product Dimensions in Inches

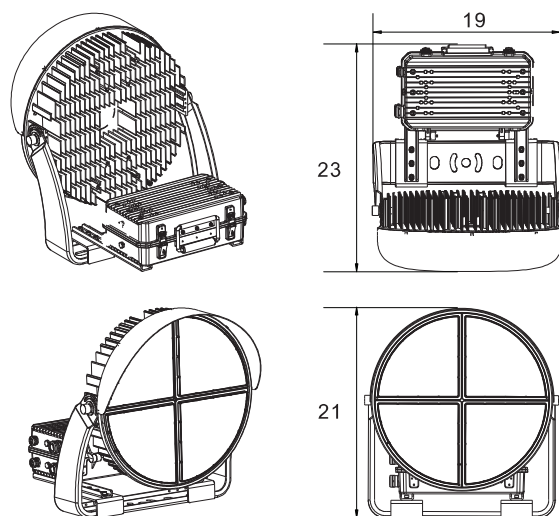
With External Power Supply:

J1: 300-600W



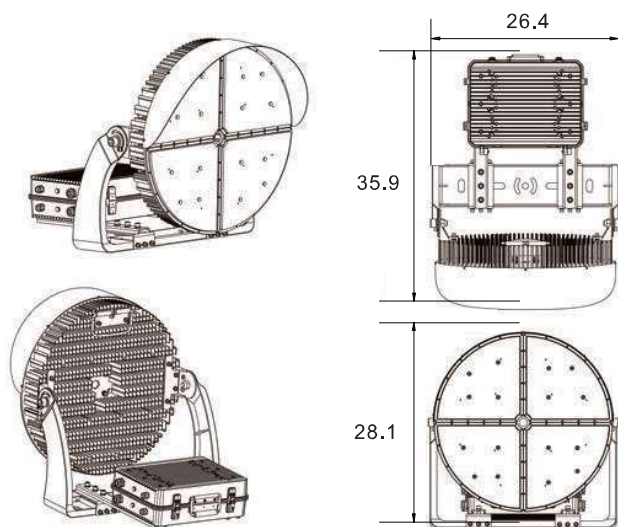
With External Power Supply:

J2: 720-1200W



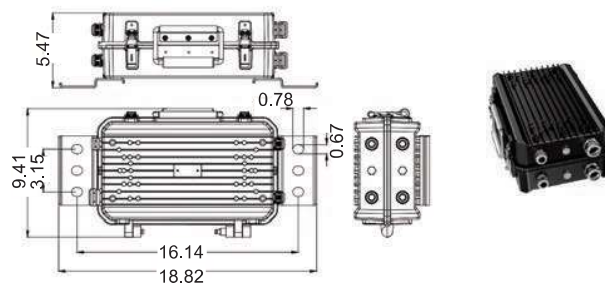
With External Power Supply:

L2: 1000-1800W

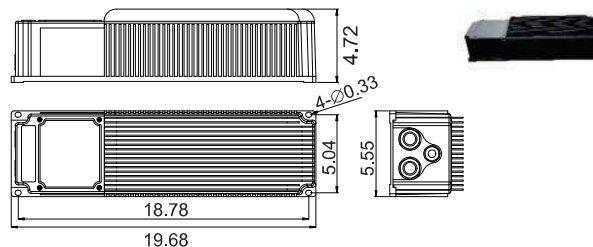


External Power Supply

for 300/400/500/600/720/800/900/1000/1100/1200W:



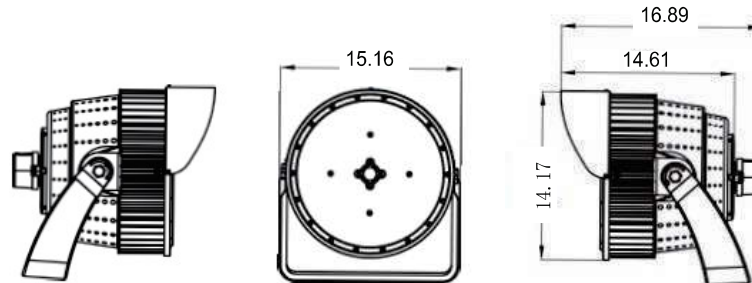
for 1300-1800W:



Product Dimensions in Inches

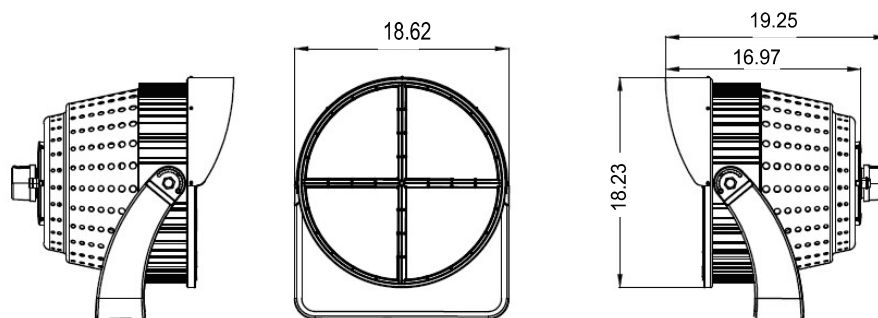
With Built-in Power Supply:

J1: 300-600W



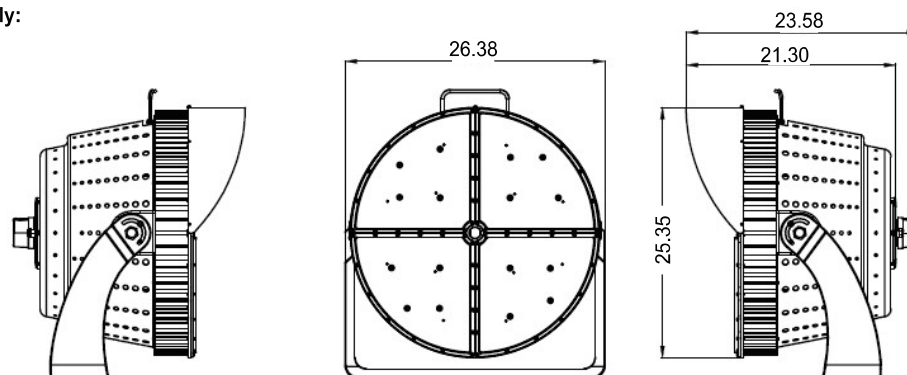
With Built-in Power Supply:

J2: 720-1200W



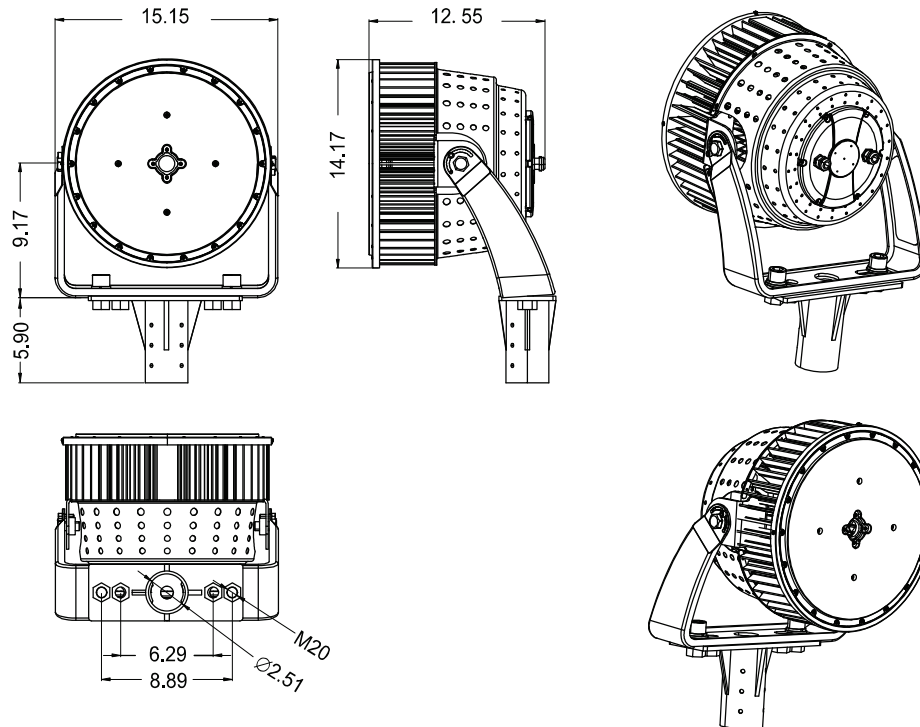
With Built-in Power Supply:

L2: 1000-1800W

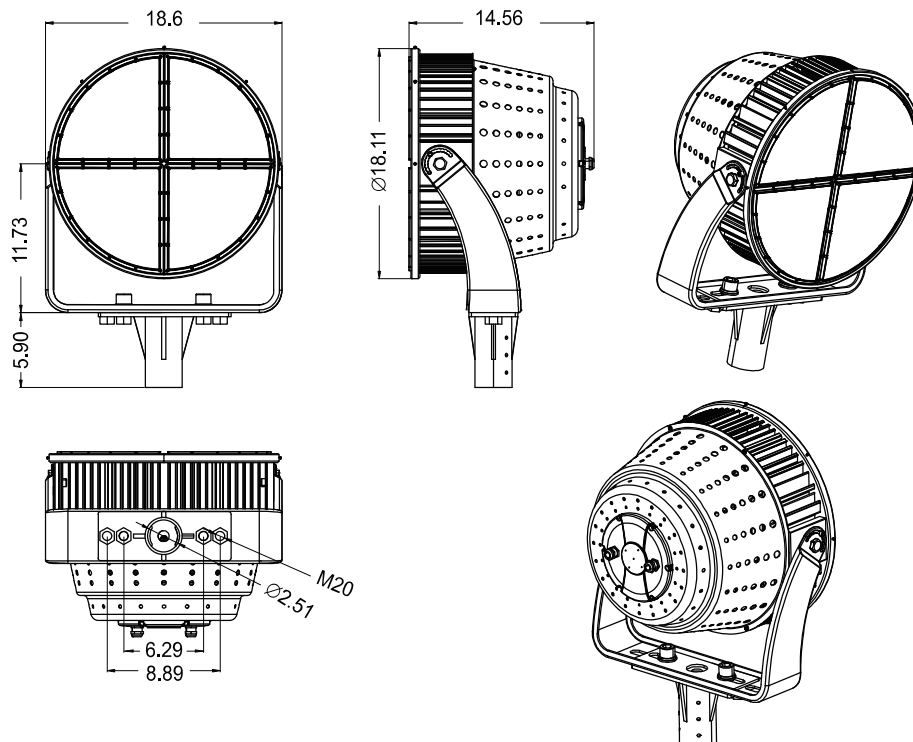


Product Dimensions with Sleeve Bracket (without Visor) in Inches

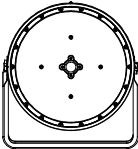
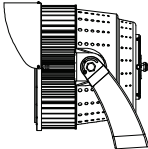
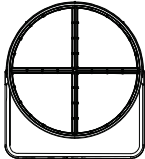
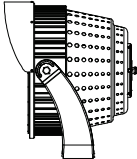
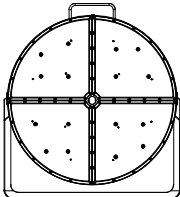
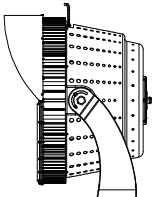
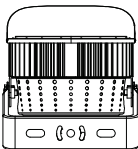
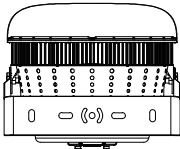
J1: 300-600W



J2: 720-1200W



EPA

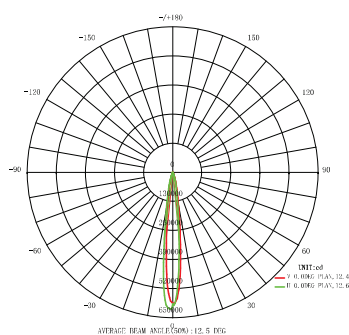
J1: 300-600W		J2: 720-1200W		L2: 1000-1800W	
					
EPA: 1.25	EPA: 1.16	EPA: 2.01	EPA: 1.72	EPA: 4.03	EPA: 2.79
					
EPA: 1.57		EPA: 1.97		EPA: 3.59	

• Packing Information

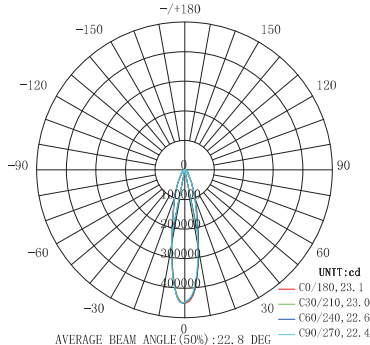
Model	Net Weight (Product)	Quantity/ Carton	Gross Weight	Package Dimensions (LxWxH)
SP-J1xxxW UXYZCC1	16.36kg (36.07lb)	1 pc	18.16kg (40.03lb)	20.27x16.34x15.75inch
SP-J2xxxW UXYZCC1	25.79kg (56.86lb)	1 pc	28.88kg (63.67lb)	25.00x21.06x18.31inch
SP-L2xxxW UXYZCC1	51.96kg (114.55lb)	1 pc	57.47kg (126.70lb)	32.28x29.53x20.67inch
SP-J1xxxW UXYZCC2	10.96kg (24.16lb)	1 pc	12.98kg (28.61lb)	21.06x16.34x12.99inch
SP-J2xxxW UXYZCC2	14.78kg (32.58lb)	1 pc	18.58kg (40.96lb)	25.00x21.06x13.38inch
SP-L2xxxW UXYZCC2	33.16kg (73.10lb)	1 pc	39.62kg (87.35lb)	32.28x29.53x15.75inch
External Power Supply (for 300W/400W/500W/600W/ 720W/800W/900W/1000W/ 1100W/1200W)	6.6kg (14.55lb)	1 pc	7.8kg (17.19lb)	21.06x12.79x8.27inch
External Power Supply (for 1300-1800W)	6.1kg (13.45lb)	1 pc	7.0kg (15.43lb)	21.65x7.48x6.69inch

Photometric

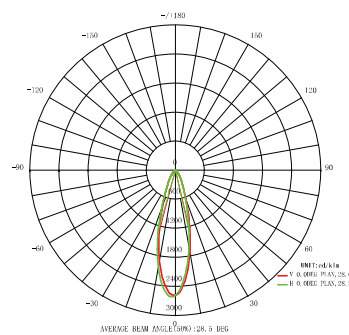
J1 15 degree



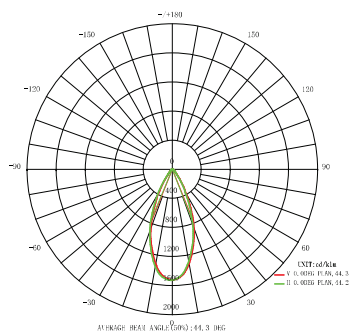
J1 20 degree



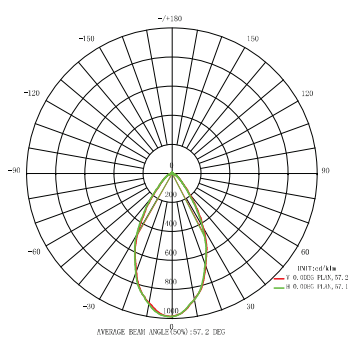
J1 30 degree



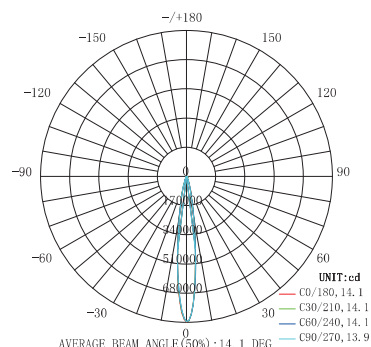
J1 45 degree



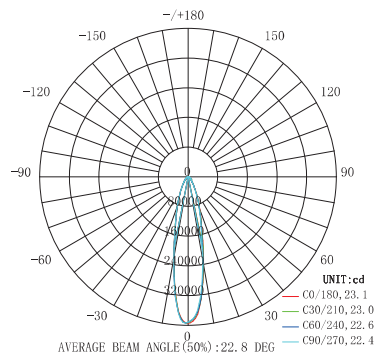
J1 60 degree



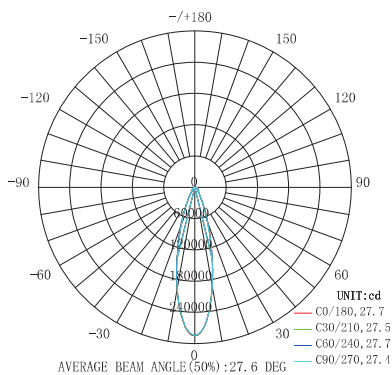
J2 15 degree



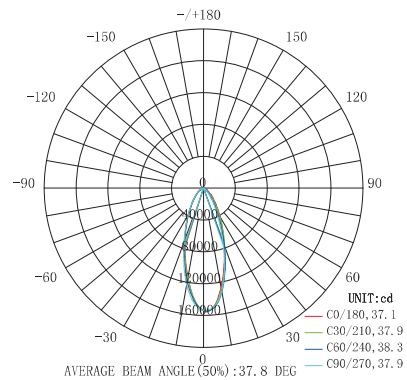
J2 20 degree



J2 25 degree

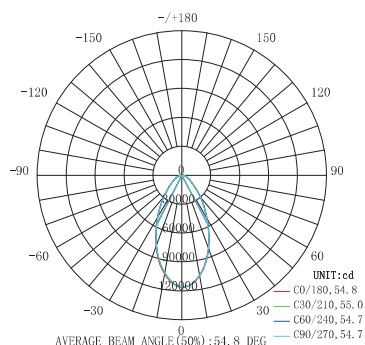


J2 40 degree

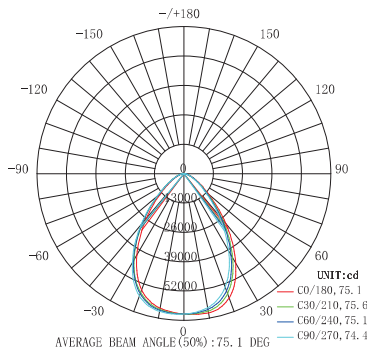


Photometric

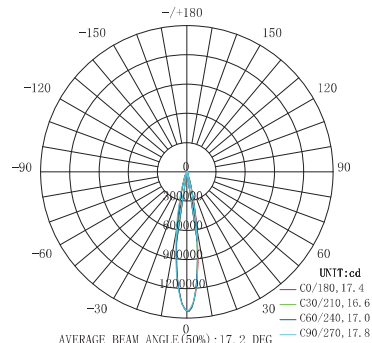
J2 60 degree



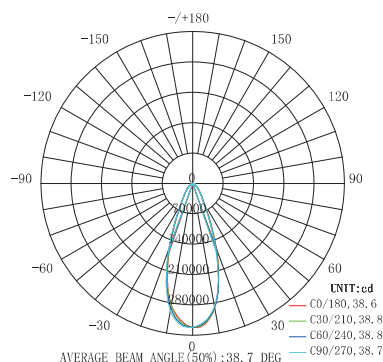
J2 80 degree



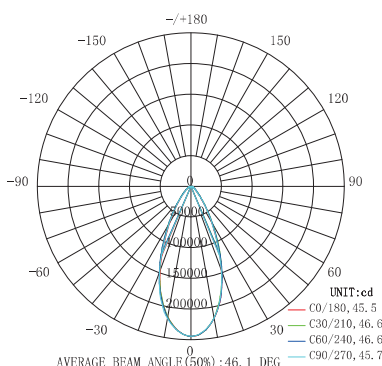
L2 15 degree



L2 30 degree



L2 45 degree



Ordering Guide

SP - XX xxxW X U Y Z CC I *

* : Suffix not within nomenclature as per Certification, for marketing purpose only

SP: Sports light

XX: Product series. Can be J1/J2/L2

xxxW: Wattage. J1: 300/400/500/600W, J2: 720/800/1000/1200W, L2: 1000/1200/1500/1600/1800W

X: Dimming option. D=Dimmable, N=Non-dimmable

U: CCT. 22=2200K, 27=2700K, 30=3000K, 40=4000K, 50=5000K, 57=5700K, 60=6000K, 65=6500K, RGBW, RGB

Y: Beam angle. 15=15°, 20=20°, 25=25°, 30=30°, 40=40°, 45=45°, 60=60°, 80=80°

Z: Sensor option. N=without sensor, G=with sensor

CC: Input Voltage. Can be 120-277V, 120-347V, 277-480V

I: Driver option. 1=with built-in driver, 2=with external driver