



GRP Plug and Socket

Series: EX-CZ81-16/32 /63/125

Current: 16A, 32A, 63A, 125A(optional)

Degree of Protection: IP66

Zone 1&2, Zone 21&22



Seal Bushings

Series: EX-AG

Connection Thread:
1. Metric thread
2. NPT or other thread (optional)

Degree of Protection: IP66 /IP67

Zone 1&2, Zone 21&22



Alloy Bushings

Series: EX-HC

Connection Thread:
1. Metric thread
2. NPT or other thread (optional)

Thread Pitch:
Metric thread: 15mm
Other thread: Customizable

Ambient Temperature:
-60°C to +70°C



Pan American

Professional lighting manufacturer



Explosion-proof Electrical Equipment for Hazardous and Harsh Locations

Safe/Reliable/Efficient

Made in China, Vietnam, Mexico, and USA

Building 6, Tian An Cyber Park, No. 88, Jinyuan Road, Zhongtang Town, Dongguan, Guangdong, China 523220
sales@panamericanelectronics.com www.panamericanelectronics.com



Instrument Enclosure

Degree of Protection: IP66/67

Class I Division 1&2
Zone 1&2, Zone 21&22

Class I Division 1&2
Class II Division 1&2
Zone 1&2, Zone 21&22



Distribution Equipment

Series: EJB

Voltage: Max.AC800V
50/60 Hz

Current: 415A

Degree of Protection: IP66

Zone 1&2, Zone 21&22



Distribution Equipment

Series: EX-PD 61

Voltage: Max. AC800V
50/60Hz

Current: 415A

Degree of Protection: IP66

Zone 1&2, Zone 21&22



Stainless Steel Terminal Box

Series: EX-PD62

Voltage: Max.AC800V

Current: 24A/32A/41A
57A/76A/125A/192A
269A/353A/415A

Degree of Protection: IP66

Zone 0, 1, 2, Zone 21, 22



GRP Terminal Box

Series: EX-PD65

Voltage: Max.AC800V

Current: 24A/32A/41A
57A/76A/125A

Degree of Protection: IP66

Zone 0, 1, 2, Zone 21, 22



Alloy Terminal Box

Series: PD66

Voltage: Max.AC800V

Current: 24A/32A/41A
57A/76A/125A

Degree of Protection: IP66

Zone 0, 1, 2, Zone 21, 22



Indicators

Series: EX-D

Voltage: AC400V, 50/60HZ
AC220-415V, 50/60HZ
DC220V, AC/DC48-120V
AC/DC12-36V

Degree of Protection:
IP66-IP67

Zone 1&2, Zone 21&22



Pushbuttons

Series: EX-A

Connection Thread:
Metric thread

Ui: 690V; Ith= 10A
Power ≤ 3W

Degree of Protection:
IP66-IP67

Ambient Temperature:
-60°C to +100°C



Control Switch

Series: EX-K

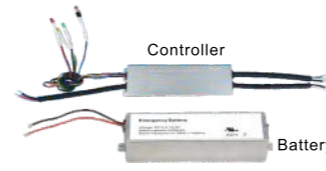
Voltage: Max. AC500V
DC400V

Current: 16A, 25A

Degree of Protection:
IP66-IP68

Ambient Temperature:
-60°C to +100°C

Zone 1&2, Zone 21&22

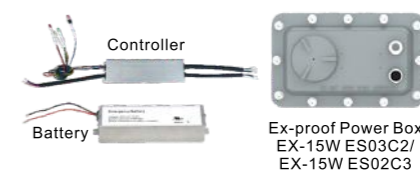


TGA (Controller+Battery)

Controller: EM-15W-HL(A)
Battery: EM-15W-HL(B)

Emergency Pack for
A, A3, A4,
B, B3, B4,
C, C3, D,
H, I, STA,
R Series Luminaires

UL924, UL844, IEC60079
Class I Division 1&2
Class II Division 1&2
Zone 1&2, Zone 21&22



Ex-PROOF Emergency Power

Input: AC100-277V, 50/60Hz
0.5A Max.
9W Max.

Output: DC42-50V,
300mA Max.
15W Max.

Emergency Time: Min. 90 min
Li-ion Battery: 14.8V 2000mAh

UL924, UL844, IEC60079
Class I Division 1&2
Class II Division 1&2
Zone 1&2, Zone 21&22



Explosion-proof iPhone 14

Series EX-MP

Charger: AC100-240V, 50/60Hz

Dimension: 107x180x30mm
Net Weight: 672 grams

Protection: IP66/IK08

Class I Division 1
Zone 1&2



Junction Box

Series: EX-HD51

Voltage: Max. 800V

Current: 24A, 32A, 41A

Degree of Protection: IP66
/IP67

Class I Division 1&2
Zone 1&2, Zone 21&22



Cable Junction Box

Series: EX-HD51-KB1

Voltage: Max AC800V

Degree of Protection: IP66

Terminal block: Max. 4
Cable entry: Max. 5
2.5mm²/24A:
1/2" NPT/M20x1.5;
2.5mm²/24A, 4mm²/27A:
3/4" NPT/M25x1.5

Class I Division 1; Zone 1



Installation Arm

Series: EX-HD51-KYD

Voltage: Max AC800V

Degree of Protection: IP66

Terminal block: Max. 4
Cable entry: Max. 4
2.5mm²/24A:
1/2" NPT/M20x1.5;
2.5mm²/24A, 4mm²/27A:
3/4" NPT/M25x1.5

Class I Division 1; Zone 1



Gas Detector IN01

Series: EX-IN01-A/B/C/D

Working Temperature:
-60°C to 70°C / -60°C to 85°C
-76°F to 158°F / -76°F to 185°F

Voltage: DC24V

Degree of Protection: IP66

Class I Division 1&2
Class II Division 1&2
Zone 1&2, Zone 21&22



Lighting Control Sensor (Motion Sensor)

Series: EX-IN01-B-MS/OS/MO

Voltage: AC120-277V, 50Hz

Degree of Protection: IP66/67

Class I Division 1&2
Class II Division 1&2
Zone 1&2, Zone 21&22



Lighting Control Sensor (Motion Sensor)

Series: EX-IN02-MS/OS/MO

Working Temperature:
-25°C ~ 60°C (-13°F ~ 140°F)

Voltage: AC120-277V
AC120-347V

Degree of Protection: IP66

Class I Division 2
Class II Division 1&2
Zone 1&2, Zone 21



Flexible Conduit

Series: EX-NG

Connection Thread:
1. Metric thread
2. NPT or other thread
(optional)

Ambient temperature:
-60°C to +80°C

Type: F/F, M/F, M/M

Zone 1&2, Zone 21&22



Connector

Series: EX-GJ

Structure type: F/F, M/M, M/F

Current: 16A, 32A, 63A,
125A (optional)

Degree of Protection:
IP66-IP68

Ambient Temperature:
-60°C to +100°C

Zone 1&2, Zone 21&22



Cable Glands

Series: EX-QM

Seal type: Single seal
/Double Seal

Suitable for:
Armored cable
/Unarmored cable

Entry thread: Metric or NPT

Degree of Protection:
IP66-IP68

Zone 1&2, Zone 21&22



Installation Switch

Series: EX-ZM

Voltage: Max. AC690V

Current: 16A, 25A

Degree of Protection:
IP66

Zone 1&2, Zone 21&22



Control Unit System

Series: EX-ZA65

Optional Kit:
Indicator/Switch/
Ammeter/Voltmeter

Degree of Protection:
IP66

Zone 1&2, Zone 21&22



Alloy Plug and Socket

Series: EX-CZ81-16/32
/63/125

Current: 16A, 32A, 63A,
125A (optional)

Degree of Protection:
IP66/IP67

Zone 1&2, Zone 21&22



Series ES02 B4/B5
Spot Lights: 6W-12W; Exit Sign: 3W-6W
Zone 1&2, Zone 21&22



Series ES02 C1
6W-12W
Zone 1&2, Zone 21&22



Series ES02 C2/C3
Junction Box & Emergency Backup Box
Zone 1&2, Zone 21&22



Signal Lamp
18W
Class I Division 1&2 Zone 1&2, Zone 21&22



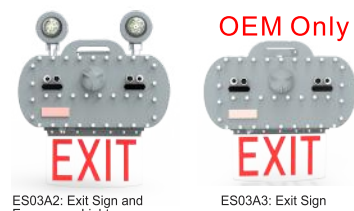
Series CPA
60-150W
Zone 2, Zone 21&22



Series SFL
20W
Zone 1&2



Series ES02 D1
6W-12W
Zone 1&2, Zone 21&22



Series ES03 A2/A3
A2: 7W-17W A3: 3W-5W
Class I Division 1&2 Class II Division 1&2



Series ES03 C1/A1
C1: 7W-12W A1: 7W-12W
Class I Division 1&2 Class II Division 1&2



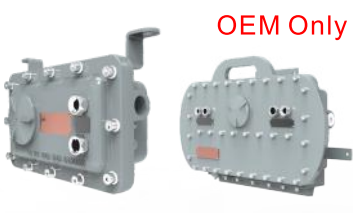
Series AL
7W
Zone 1&2



Series EX-IL
5W/8W/9W/10W/12W
Zone 1&2, Zone 21&22



Series HB-D
D1: 100-150W; D2: 200-300W D3: 300-450W; D4: 400-600W
High Temp. Resistance(70°)



Series ES03 C2/A4
EX-PD61-YJ01 ES03C2 EX-PD61-YJ01 ES03A4
Class I Division 1&2 Class II Division 1&2



Series J
Max.5W
Class I Division 1&2 Class II Division 1&2



Series V
Max.5W
Class I Division 2 Class II Division 1&2 Zone 1&2, Zone 21&22



Series WKC
1-10W
Zone 2 Zone 21&22



Series WKE
Strong Light: 2W Work Light: 1W
Class I Division 1&2 Class II Division 1&2 Zone 0&1&2 Zone 20&21&22



Series WKG
Strong Light: 2W Work Light: 1W
Zone 0&1&2 Zone 20&21&22



Series MV01
Strong Light: 19.5W Work Light: 10W
Class I Division 1 Zone 1, 2 Zone 21,22



Series SS1
30/40/50W
Class I Division 1&2 Zone 1&2, Zone 21&22



Series SS2
30/40/50W
Class I Division 1&2 Zone 1&2, Zone 21&22



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 <p>Series A/A2/A3/A4</p> <p>A2: 20-60W; A: 80-100W; A3: 150-200W; A4: 250-400W</p> <p>Class I Division 2 Class II Division 1&2 Zone 1 and/or 2 Zone 21 and/or 22</p>	 <p>Series A/A2/A3/A4</p> <p>A2: 20-60W; A: 80-100W; A3: 150-200W; A4: 250-400W</p> <p>Class I Division 2 Class II Division 1&2 Zone 1 and/or 2 Zone 21 and/or 22</p>	 <p>Series A/A2/A3/A4</p> <p>A2: 20-60W; A: 80-100W; A3: 150-200W; A4: 250-400W</p> <p>Class I Division 2 Class II Division 1&2 Zone 1 and/or 2 Zone 21 and/or 22</p>	 <p>Series FLC</p> <p>FLC2: 20W/40W FLC4: 50W/80W FLC5: 50W/80W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series FLD</p> <p>FLD1-2: 20/40/60/80W FLD1-4: 40/60/80/120W FLD2-2: 40/60/80/120W FLD2-4: 60/80/100/120/160/240W</p> <p>Class I Division 2 Zone 1&2</p>	 <p>Series FLE</p> <p>FLE2: 20W/40W FLE4: 50W/80W FLE5: 50W/80W</p> <p>Class I Division 2 Zone 1&2, Zone 21&22</p>	 <p>Series Q1/Q2</p> <p>Q1: 20-100W; Q2: 100-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series Q1/Q2</p> <p>Q1: 20-100W; Q2: 100-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series Q1/Q2</p> <p>Q1: 20-100W; Q2: 100-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series S1/S2</p> <p>S1: 10-100W; S2: 100-200W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series STA1/STA2</p> <p>STA1: 200-250W STA2: 10-150W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series STA4/STA5</p> <p>STA4: Max.100W STA5: Max.150W</p> <p>Zone 1&2, Zone 21&22</p>
 <p>Series B/B2/B3/B4</p> <p>B2: 20-40W; B: 60-80W; B3: 100-200W; B4: 250-400W</p> <p>Class I Division 2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series C/C2/C3</p> <p>C2: 10-80W; C: 100-180W; C3: 200-280W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series C/C2/C3</p> <p>C2: 10-80W; C: 100-180W; C3: 200-280W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series FLF</p> <p>FLF2: 20/30/40/50W; FLF3: 60/70W; FLF4: 80W; FLF5: 90/100W</p> <p>Class I Division 2 Zone 2, Zone 21&22</p>	 <p>Series G</p> <p>10-50W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1&2 Zone 21&22</p>	 <p>Series H2/H4</p> <p>H2: 20-40W; H4: 40-80W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series B5</p> <p>20/40/50/60/80/100W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series B5</p> <p>20/40/50/60/80/100W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series B5</p> <p>20/40/50/60/80/100W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21&22</p>	 <p>Series STA6</p> <p>25-50W</p> <p>Class I Division 2 Class II Division 1&2 Zone 1&2 Zone 21&22</p>	 <p>Series STA5/STA6</p> <p>STA5: 50-240W; STA6: 50-120W</p> <p>Zone 1 and/or 2 Zone 21 and/or 22</p>	 <p>Series STA7/STA8</p> <p>STA7: 100-480W; STA8: 100-240W</p> <p>Zone 1 and/or 2 Zone 21 and/or 22</p>
 <p>Series D/D2</p> <p>D2: 20-80W; D: 100-200W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series D3</p> <p>100/150/200/220W (Flat Glass Lens)</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series D4</p> <p>40/60/80W</p> <p>Flat Glass Lens and PC Lens Optional</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1 & 2 Zone 21 & 22</p>	 <p>Series H2/H4</p> <p>H2: 20-40W; H4: 40-80W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21 & 22</p>	 <p>Series H2/H4</p> <p>H2: 20-40W; H4: 40-80W</p> <p>Class I Division 2 Class II Division 1&2 Zone 21 & 22</p>	 <p>Series I2/I4</p> <p>I2: 20-60W; I4: 60-120W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 21 & 22</p>	 <p>Series BX</p> <p>20-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21 & 22</p>	 <p>Series BX</p> <p>20-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21 & 22</p>	 <p>Series BX</p> <p>20-200W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21 & 22</p>	 <p>Series STA9/STA10</p> <p>STA9: 50-240W; STA10: 50-120W</p> <p>Zone 1 and/or 2 Zone 21 and/or 22</p>	 <p>Series L&LL</p> <p>L:3-30W; LL:3-30W</p> <p>Class I Division 1&2 Zone 1&2, Zone 21&22</p>	 <p>Series ES01</p> <p>Exit Light: 3-10W Illuminating Light:3-15W</p> <p>Zone 1&2, Zone 21&22</p>
 <p>Series FLA1(e)/FLA2(e)</p> <p>FLA1(e): 20-100W FLA2(e): 20-200W</p> <p>Class I Division 1 Zone 1&2, Zone 21&22</p>	 <p>Series FLA3</p> <p>FLA3: 250-500W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series FLB</p> <p>0.6m: max 20W, 2x20W, 3x20W 1.2m: max 30W, 2x30W, 3X30W 1.5m: max 40W, 2x40W, 3X40W</p> <p>Gas: Zone 1&2 Dust: Zone 21&22</p>	 <p>Series I2/I4</p> <p>I12: 20-60W; I14: 60-120W</p> <p>Class I Division 1&2 Class II Division 1&2 Zone 1&2 Zone 21 & 22</p>	 <p>Series LH</p> <p>LH2: 20W/40W LH4: 60W/80W</p> <p>Class I Division 2 Class II Division 1&2 Zone 2 Zone 21 & 22</p>	 <p>Series O</p> <p>10-40W;</p> <p>Class I Division 2 Class II Division 1&2 Zone 1&2 Zone 21 & 22</p>	 <p>Series R2/R4</p> <p>R2: 10-40W; R4: 10-60W</p> <p>Stainless Steel Body External buckle</p> <p>Class I Division 2 Class II Division 2 Zone 1&2, Zone 21&22</p>	 <p>Series RL2/RL4</p> <p>RL2: 10-40W; RL4: 20-60W</p> <p>GRP Body Interlock Kit</p> <p>Class I Division 2 Class II Division 2 Zone 1&2, Zone 21&22</p>	 <p>Series S1/S2</p> <p>S1: 10-100W S2: 100-200W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series ES02 A1</p> <p>Small housing: 5W-10W Big housing: 15-20W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series ES02 B1</p> <p>6W-12W</p> <p>Zone 1&2, Zone 21&22</p>	 <p>Series ES02 B2/B3</p> <p>3W-6W</p> <p>Zone 1&2, Zone 21&22</p>

LED TENNIS COURT LIGHT



Specifications

Model Number	SP-TC xxxW XYZ
Wattage	60W
Efficiency (CRI: 70)	165lm/W
Luminous Flux (lm)	9,900
EPA	0.15Ft²
Input Voltage	AC120-277V , 50/60 Hz
Power Supply	Inventronics
Power Factor	> 0.95
Total Harmonic	<15%
LED Type	5050
CCT	5000K(Standard)/4000K/5700K(Optional)
Intelligent Control	0-10V dimming; DALI (Optional)
CRI	Ra70 (Standard)/Ra80/Ra90 (Optional)
Beam Angle	P60
LED Lifespan	88,000-140,000 Hours
Ingress Protection	IP65
IK Rating	IK08
Surge Protection	10kV (Standard)/20kV (Optional)
Ambient Temp.	-40°C to 50°C (-40°F to 122°F)
Housing Material	6060 Aluminum, SPCC Iron
Lens Material	PMMA Optical Lens
Warranty	5-year Limited Warranty
Dimensions	1123xΦ80mm (44.21xΦ3.15inch)

LED Sports Light



Pan American
Professional lighting manufacturer

DONGGUAN PAN AMERICAN ELECTRONICS CO., LTD

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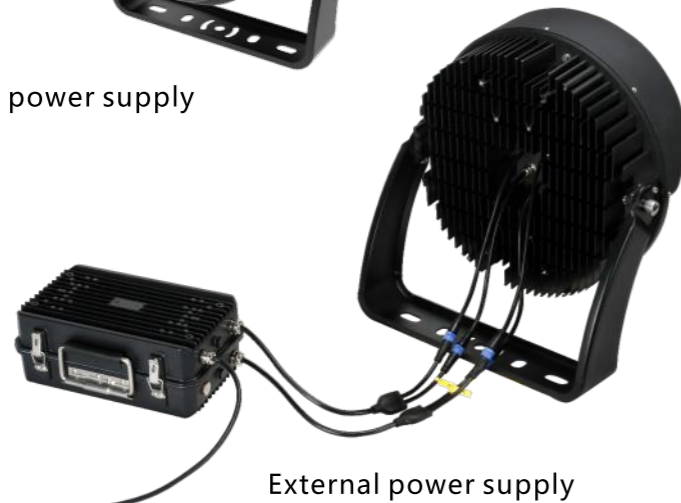
LED SPORTS LIGHT J SERIES



J1

J2

Built-in power supply



External power supply

Specifications								
Model Number	SP-J1xxxW xyzp				SP-J2xxxW xyzp			
Wattage	300W	400W	500W	600W	720W	800W	1000W	1200W
Efficiency (lm/W)	170	165	160	155	165	160	150	135
EPA	1.57Ft ²				2.01Ft ²			
Power Supply	Inventronics/Sosen							
Input Voltage	AC120-277V/120-347V/277-480V							
Power Factor	0.95							
Total Harmonic	<15%							
LED Type	3737(15°); 5050(other beam angles)							
CCT	2700K-6500K/RGB/RGBW							
Intelligent Control	DMX512/RDM/DALI wireless control							
CRI	Ra70(Standard); Ra80(Optional)							
Beam Angle	15°/20°/30°/45°/60°				15°/20°/25°/40°/60°/80°			
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 (Al1050)							
Lens Material	Anti-UV PC Optical Material							

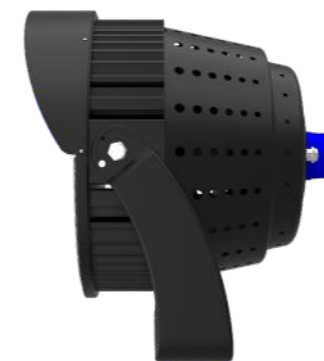
LED SPORTS LIGHT L SERIES



L2



Specifications	
Model Number	SP-L2xxxW xyzp
Wattage	1500W 1800W
Efficiency (lm/W)	145 135
EPA	4.03Ft ²
Power Supply	Inventronics/Sosen
Input Voltage	AC120-277V/120-347V/277-480V
Power Factor	0.95
Total Harmonic	<15%
LED Type	3737(15°); 3030(other beam angles)
CCT	2700K-6500K/RGB/RGBW
Intelligent Control	DMX512/RDM/DALI wireless control
CRI	Ra70(Standard); Ra80(Optional)
Beam Angle	15°/30°/45°
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 (Al1050)
Lens Material	Anti-UV PC Optical Material

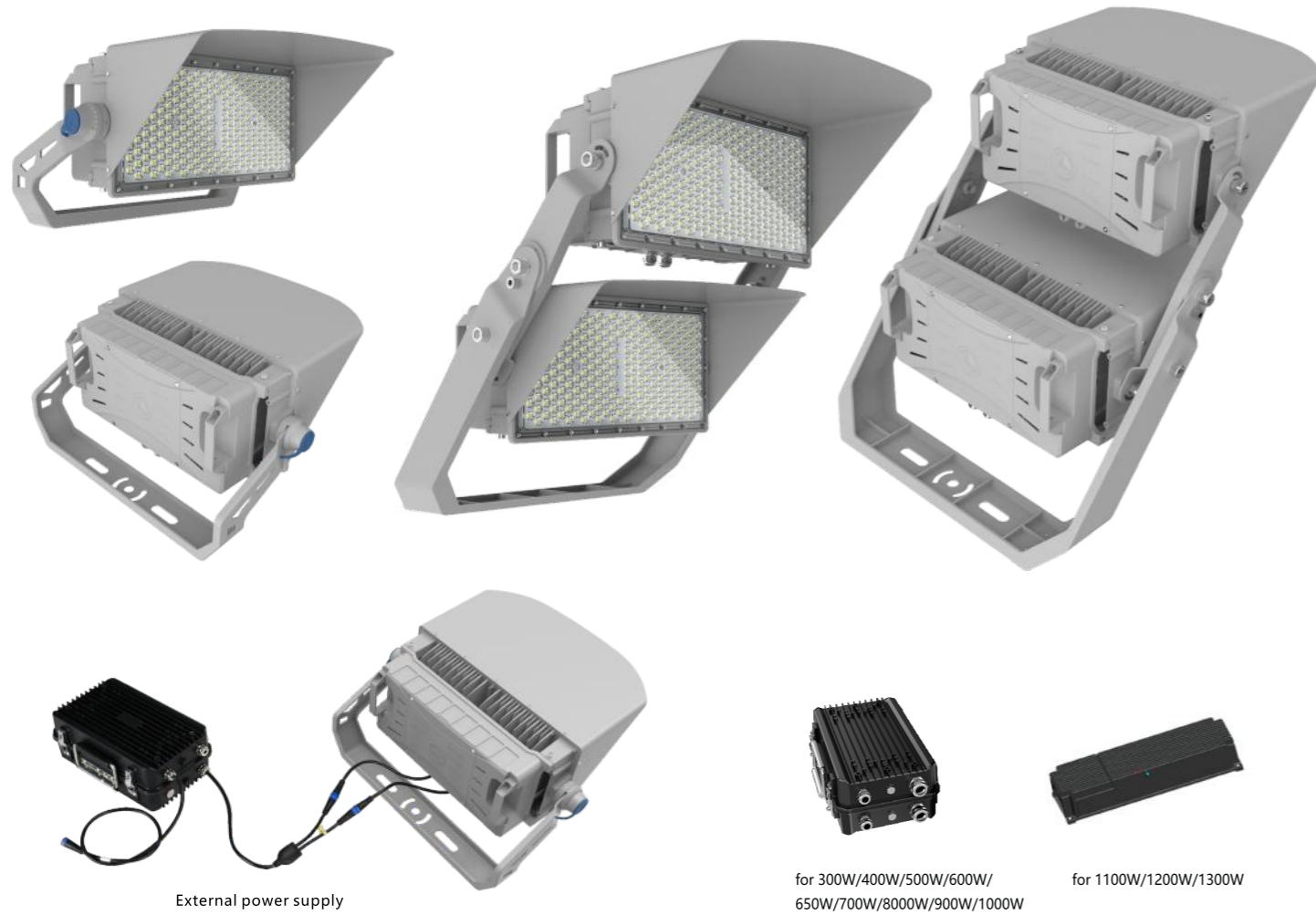


Built-in power supply



External power supply

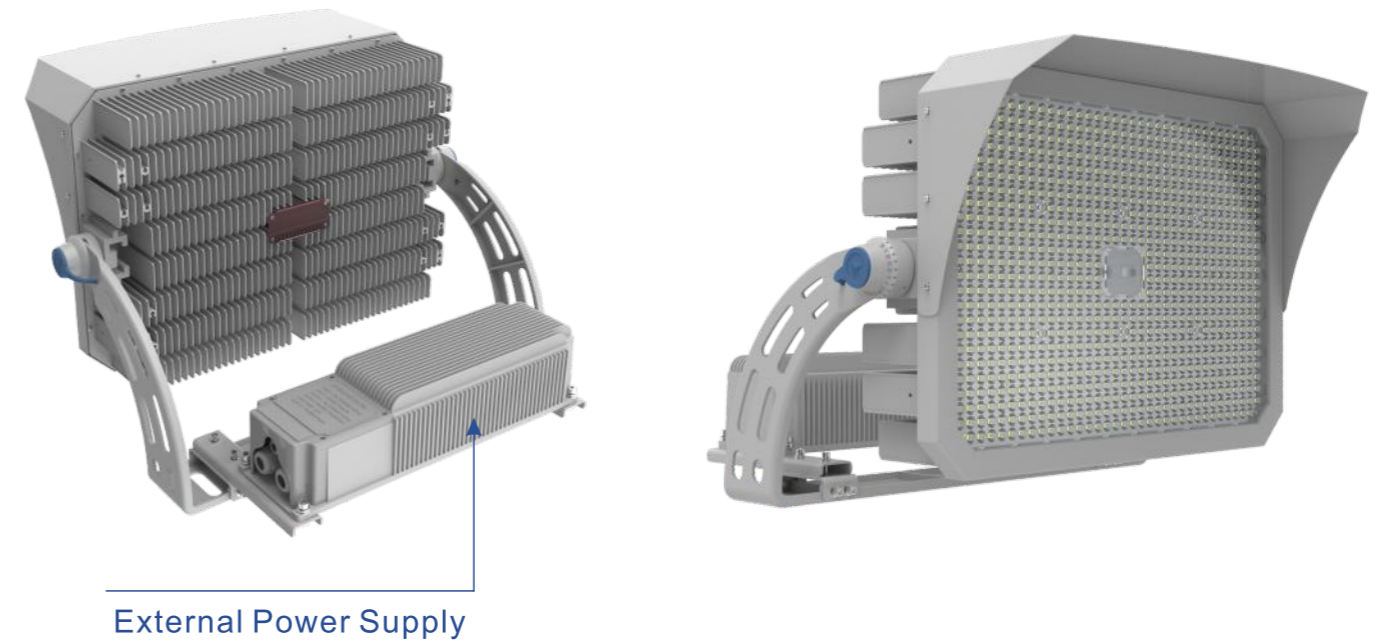
LED SPORTS LIGHT M SERIES



Specifications

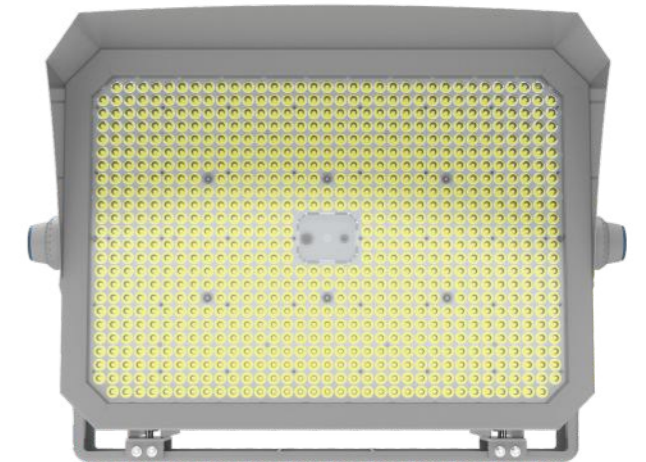
Model Number	SP-M1xxxW xyzp				SP-M2xxxW xyzp			
Wattage	400W	500W	600W	650W	800W	1000W	1200W	1300W
Efficiency (CRI: 70)	135lm/W or 150lm/W				135lm/W or 150lm/W			
Luminous Flux (lm)	54,000-97,500				108,000-180,000			
EPA	1.68Ft ²				3.27Ft ²			
Power Supply	Driver Brand: Inventronics/Sosen; Built-in 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	DMX512/RDM/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							

LED FLOOD LIGHT FL10 SERIES



External Power Supply

Specifications	
Model Number	FL10xxxW UXYZICC
Wattage	1500W/1650W/1800W
Efficiency (lm/W)	155 or 125
Luminous Flux	187,500-279,000 lm
Power Supply	Brand: Sosen/Inventronics/MOSO; External Power Supply (Standard)
Input Voltage	AC220-415V
Power Factor	>0.9
EPA	2.74Ft ²
Beam Angle	15°/20°/P60
LED Type	3737(15°)/5050
CCT	2700K-6500K
Dimming	0-10V
CRI	Ra70 (Standard)/Ra80 (Optional)
IP Rating	IP66
IK Rating	IK08
Surge Protection	10kV/20kV
Ambient Temp.	-40°C to 50°C (-40°F to 122°F)
Housing	1050 Aluminum Alloy
Glass	Optional
Outlet Wire	DC line: Standard outlet length is 0.5 meters, and the outlet length can be customized. AC line and dimming line are not included, but can be customized
Compliance	DLC, CB, UL
Lifespan	50,000 Hours
Warranty	5-year Limited Warranty



Packing Information		
Lamp	Qty/ Carton	1 pc
	Product Dimension (LxWxH)	693x431x545mm (27.28x16.97x21.47inch)
	Package Dimension (LxWxH)*	715x660x260mm (28.15x25.98x10.23inch)
	Net Weight (with glass) **	22.5kg (49.60lbs)
	Gross Weight (with glass) **	25.5kg (56.22lbs)
	Net Weight (without glass) **	18kg (39.68lbs)
External Power Supply	Gross Weight (without glass) **	21kg (46.30lbs)
	Qty/ Carton	1 pc
	Power Supply Dimension (LxWxH)	500x141x120mm (19.68x5.55x4.72inch)
	Package Dimension (LxWxH)	550x190x170mm (21.65x7.48x6.69inch)
	Net Weight	6.1kg (13.45lbs)
	Gross Weight	7kg (15.43lbs)

LED FLOOD LIGHT N SERIES



External power supply

Model NO.	FL-N1xxxxW xyzp
Input Voltage	AC120-277V
Power	250W/300W/350W
Efficiency	130lm/W, 150lm/W
Intelligent Control	0-10V Dimming/DMX512/DALI/NFC wireless control
Power Factor	0.95
Surge Protection	10kV
LED Chip	3030/5050
Driver	Sosen/Inventronics/Meanwell
CCT	4000K/5000K/6500K/RGB/RGBW
CRI	70/80
Beam Angle	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS
EPA	0.66Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Housing Material	ADC12 Aluminum
IK Rating	IK08
Lifespan	50,000 Hours
Warranty	5 Years
Net Weight	7.8Kg(17.2lbs)
Gross Weight	10.2Kg(22.5lbs)
Dimensions	427x242x292mm(16.8x9.5x11.5inch)

Model NO.	FL-N2xxxxW xyzp
Input Voltage	AC120-277V
Power	500W/600W/700W
Efficiency	130lm/W, 150lm/W
Intelligent Control	0-10V Dimming/DMX512/DALI/NFC wireless control
Power Factor	0.95
Surge Protection	10kV
LED Chip	3030/5050
Driver	Sosen/Inventronics/Meanwell
CCT	4000K/5000K/6500K/RGB/RGBW
CRI	70/80
Beam Angle	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS
EPA	1.33Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Housing Material	ADC12 Aluminum
IK Rating	IK08
Lifespan	50,000 Hours
Warranty	5 Years
Net Weight	16Kg(35.3lbs)
Gross Weight	20.2Kg(44.5lbs)
Dimensions	510x514x201mm(20.1x20.2x8.0inch)

Model NO.	FL-N3xxxxW xyzp	FL-N4xxxxW xyzp	FL-N5xxxxW xyzp
Input Voltage	AC120-277V	AC120-277V	AC120-277V
Power	750W/900W/1050W	1200W/1400W	1500W/1750W
Efficiency	130lm/W, 150lm/W	130lm/W, 150lm/W	130lm/W, 150lm/W
Intelligent Control	0-10V Dimming/DMX512/DALI/NFC wireless control	0-10V Dimming/DMX512/DALI/NFC wireless control	0-10V Dimming/DMX512/DALI/NFC wireless control
Power Factor	0.95	0.95	0.95
Surge Protection	10kV	10kV	10kV
LED Chip	3030/5050	3030/5050/RGB/RGBW	3030/5050/RGB/RGBW
Driver	Sosen/Inventronics/Meanwell	Sosen/Inventronics/Meanwell	Sosen/Inventronics/Meanwell
CCT	4000K/5000K/6500K/RGB/RGBW	4000K/5000K/6500K/RGB/RGBW	4000K/5000K/6500K/RGB/RGBW
CRI	70/80	70/80	70/80
Beam Angle	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS
EPA	2.02Ft²	2.71Ft²	3.39Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)	-40°C(-40°F) - +50°C(122°F)	-40°C(-40°F) - +50°C(122°F)
Housing Material	ADC12 Aluminum	ADC12 Aluminum	ADC12 Aluminum
IK Rating	IK08	IK08	IK08
Lifespan	50,000 Hours	50,000 Hours	50,000 Hours
Warranty	5 Years	5 Years	5 Years
Net Weight	22.7Kg(50.0lbs)	34Kg(75.0lbs)	41Kg(90.4lbs)
Gross Weight	28.5Kg(62.3lbs)	39.3Kg(86.6lbs)	47.5Kg(104.7lbs)
Dimensions	510x724x202mm(20.1x28.5x8.0inch)	510x914x202mm(20.1x35.98x8.0inch)	510x1156x202mm(20.1x45.5x8.0inch)

LED FLOOD LIGHT Q SERIES



Model NO.	FL-Q2xxxxW xyzp	FL-Q3xxxW xyzp
Input Voltage	AC100-277V; AC277-480V; AC200-240V; AC220-240V	AC100-277V; AC277-480V; AC200-240V; AC220-240V
Power	500W/600W/700W	750W/900W/1050W
Efficiency	130lm/W, 150lm/W	130lm/W, 150lm/W
Intelligent Control	0-10V Dimming/DMX512/DALI/NFC wireless control	0-10V Dimming/DMX512/DALI/NFC wireless control
Power Factor	0.95	0.95
Surge Protection	10kV	10kV
LED Chip	3030/5050/	3030/5050
Driver	Sosen/Inventronics/Meanwell	Sosen/Inventronics/Meanwell
CCT	4000K/5000K/6500K/RGB/RGBW	4000K/5000K/6500K/RGB/RGBW
CRI	70/80	70/80
Beam Angle	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS
EPA	1.16Ft²	1.76Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)	-40°C(-40°F) - +50°C(122°F)
Housing Material	ADC12 Aluminum	ADC12 Aluminum
IK Rating	IK08	IK08
Lifespan	50,000 Hours	50,000 Hours
Warranty	5 Years	5 Years
Net Weight	8.3Kg(18.3lbs)	16.7Kg(36.8lbs)
Gross Weight	11.4Kg(25.1lbs)	21.1Kg(46.5lbs)
Dimensions	579x545x122mm(22.8x21.5x4.8inch)	579x743x122mm(22.8x29.3x4.8inch)

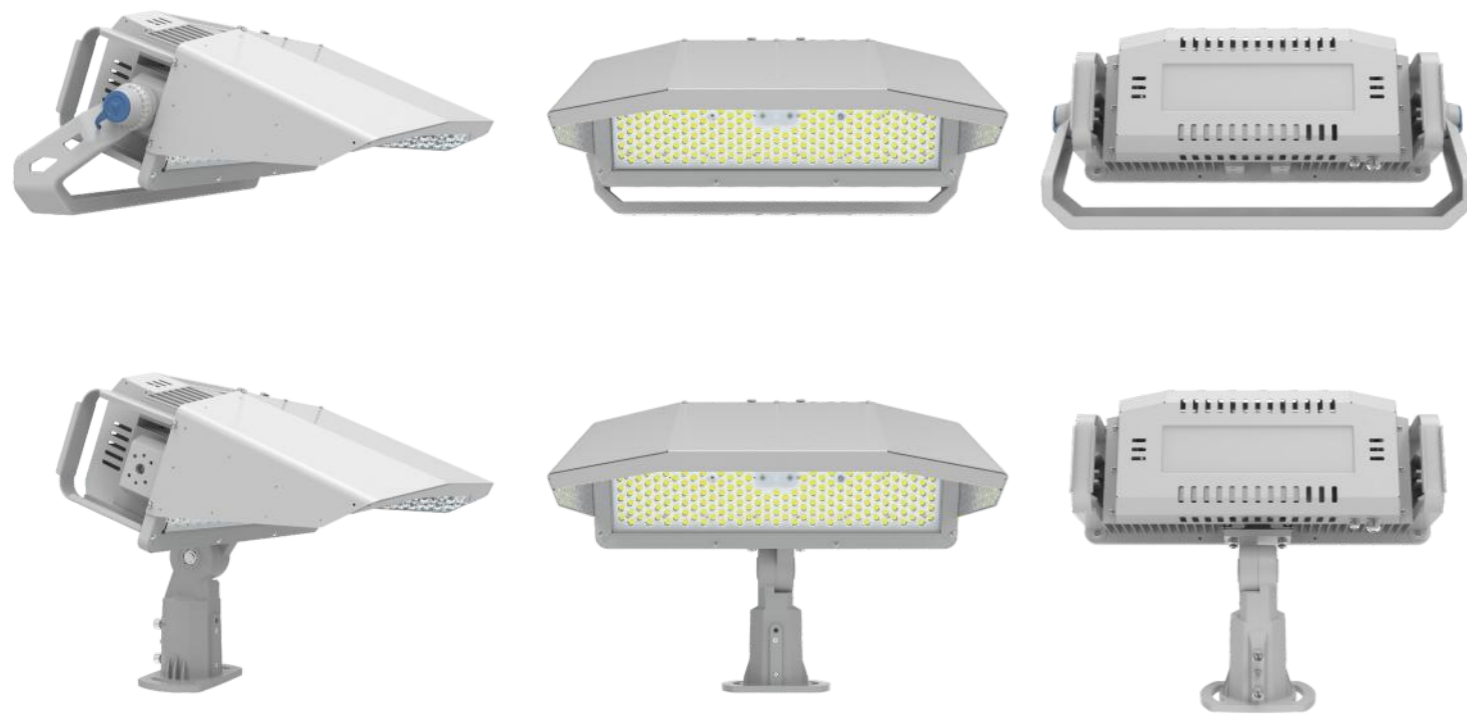
Model NO.	FL-Q4xxxxW xyzp
Input Voltage	AC100-277V; AC277-480V; AC200-240V; AC220-240V
Power	1200W/1400W
Efficiency	130lm/W, 150lm/W
Intelligent Control	0-10V Dimming/DMX512/DALI/NFC wireless control
Power Factor	0.95
Surge Protection	10kV
LED Chip	3030/5050
Driver	Sosen/Inventronics/Meanwell
CCT	4000K/5000K/6500K/RGB/RGBW
CRI	70/80
Beam Angle	30°/45°/60°/90°/120°/T30x90/T3VS/T2VS
EPA	2.34Ft²
Working Temperature	-40°C(-40°F) - +50°C(122°F)
Housing Material	ADC12 Aluminum
IK Rating	IK08
Lifespan	50,000 Hours
Warranty	5 Years
Net Weight	23.2Kg(51.1lbs)
Gross Weight	29.3Kg(64.6lbs)
Dimensions	579x972x122mm(22.8x38.3x4.8inch)



External power supply



LED HIGH MAST FIXTURE FL11 SERIES



LED FLOOD LIGHT FL18 SERIES



External power supply

Specifications	
Model Number	FL11xxxW UXYZICC
Wattage	600W/700W/750W/800W
Efficiency (CRI: 70)	155lm/W
EPA	1.51Ft ²
Power Supply	Driver Brand: Inventronics/Sosen; Built-in Power Supply (Standard); External Power Supply (Optional)
Input Voltage	AC120-277V/277-480V
Power Factor	0.95
Total Harmonic	<15%
LED Type	3737(15°)/5050
CCT	2700K/3000K/4000K/5000K/6000K/6500K
Intelligent Control	DMX512/RDM/DALI (Optional)
CRI	Ra70 (Standard)/Ra80 (Optional)
Beam Angle	15°/20°/30°/45°/60°/P60
Lifespan	50,000 Hours
Ingress Protection	IP66
IK Rating	IK08
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

Specifications	
Model Number	FL18xxxW UXYZICC
Wattage	800W/900W/1000W
Efficiency (CRI: 70)	160lm/W; 145lm/W@15°
EPA	1.56Ft ²
Power Supply	Driver Brand: Inventronics/Sosen; Built-in Power Supply (Standard); External Power Supply (Optional)
Input Voltage	AC120-277V/277-480V
Power Factor	0.95
Total Harmonic	<15%
LED Type	3737(for 15°)/5050
CCT	2700K/3000K/4000K/5000K/6000K/6500K
Intelligent Control	DMX512/RDM/DALI (Optional)
CRI	Ra70 (Standard)/Ra80 (Optional)
Beam Angle	15°/20°/30°/45°/60°
Lifespan	50,000 Hours
Ingress Protection	IP66
IK Rating	IK08
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



LED Flood Light FL10 Series

Rated Wattage: 1500W/1650W/1800W

Beam Angle: 15°/20°/P60

Compliance: DLC/CB/UL



LED Stadium Luminaires Tennis Court Light

Rated Wattage: 60W

Beam Angle: P60

Compliance: ENEC/CB/CE/SAA/ETL/RoHS



LED Sports Light J/L Series

Model with external driver available
300W-1800W

Rated Wattage: 300/400/500/600W/720W/800W/1000W/1200W/1000/1200/1500/1600/1800W

Beam Angle: 15°/20°/25°/30°/40°/45°/60°/80°

Compliance: CB/UL/DLC5.1



Exterior Street & Spot Luminaires WallPack LED Light Series

Rated Wattage: 40W/60W/80W/100W/120W

Beam Angle: 120°

Compliance: ETL/CETL/FCC/DLC5.1



Exterior Street & Spot Luminaires Garden Bollard Light Series

Rated Wattage: 30W/50W/75W/100W

Beam Angle: 120°

Compliance: UL/cUL



Linear High Bay H Series

Rated Wattage: 80W/100W/160W/220W/320W

Beam Angle: 105°

Compliance: UL/DLC



LED Sports Light M Series

Model with external driver available

Rated Wattage: 400W/500W/600W/650W/800W/1000W/1200W/1300W/1500W/1800W/2000W/2400W/2600W

Beam Angle: 15°/30°/45°/60°/120°

Compliance: ENEC/CB/CE/SAA/ETL/RoHS/ErP/DLC5.1



Exterior Area Lighting Luminaires LED Flood Light N Series

Rated Wattage: 250W/300W/350W/500W/600W/700W/750W/900W/1050W/1200W/1400W/1500W/1750W

Beam Angle: 15°/30°/45°/60°/90°/120°/T3VS

Compliance: ETL/ENEC/CB/CE/SAA/RoHS/ErP/EMI



Exterior Area Lighting Luminaires LED Flood Light Q Series

Rated Wattage: 500W/600W/700W/750W/900W/1050W/1200W/1400W/1500W/1750W

Beam Angle: 15°/30°/45°/60°/90°/120°/T3VS

Compliance: ETL/ENEC/CB/CE/SAA/RoHS/ErP/EMI



Water-proof Linear High Bay HB-C Series

Rated Wattage: 100W/150W

Beam Angle: 60°/90°/120°

Efficiency: 180lm/W

Compliance: ETL/DLC



Solar Street Light ST-Z Series

Rated Wattage: 10W/20W/30W/40W/50W/60W/80W

Beam Angle: T2/T3/T4

Efficiency: 190lm/W



Solar Street Light ST-S Series

Rated Wattage: 20W/30W/40W/50W/60W/80W

Beam Angle: T2/T3/T4

Efficiency: 180lm/W



LED Flood Light FL11 Series

Rated Wattage: 600W/700W/750W/800W

Efficiency: 155lm/W

Beam Angle: 15°/20°/30°/45°/60°/P60

Compliance: ENEC/CB/ETL/UL/TUV



LED Flood Light FL18 Series

Rated Wattage: 800/900W/1000W

Efficiency: 160lm/W; 145lm/W@15°

Beam Angle: 15°/20°/30°/45°/60°/P60

Compliance: DLC/CB/UL



Exterior Area Lighting Luminaires LED Tunnel Light D Series

Rated Wattage: 30W/50W/80W/100W/120W/150W/180W/200W/240W

Beam Angle: 15°/30°/60°/90°/120°/T2M/T3M/T4M

Compliance: ENEC/CB/CE/EMC/SAA

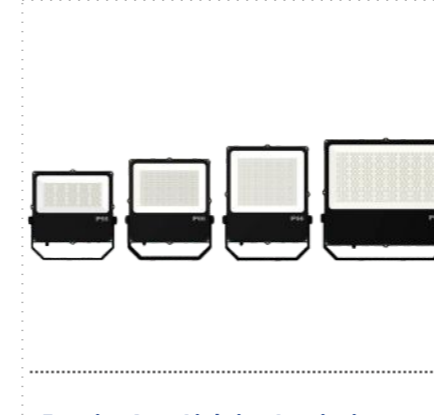


Exterior Area Lighting Luminaires Flood Light R Series

Rated Wattage: 30W/40W/50W/60W/80W/100W/120W/150W/180W/200W

Beam Angle: 120°

Compliance: ETL/DLC5.1



Exterior Area Lighting Luminaires Flood Light D Series

Rated Wattage: 20W/30W/50W/80W/100W/120W/150W/200W/240W/300W/350W/400W

Beam Angle: 15°/30°/45°/60°/90°/120°/T30x90/T3VS/T2VS

Compliance: ENEC/CB/CE/SAA/RoHS/DLC5.1



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CCT and Power Tunable

High Bay Luminaires UFO(U-E) Series

Rated Wattage: 80W/100W/150W/200W/240W

Beam Angle: 90°/120°(fixed), 60°-105°(adjustable)

Compliance: DLC5.1/ETL/CE/CB/ENEC/EMC/ErP/SAA



CCT and Power Tunable

High Bay Luminaires UFO F Series

Rated Wattage: 400W/500W/600W

Beam Angle: 15°/30°/ 45°/60°

Compliance: DLC5.1/ETL/CE/CB/ENEC/EMC/SAA



CCT and Power Tunable

High Bay Luminaires UFO(U-C) Series

Rated Wattage: 80W/100W/150W/200W/240W/300W

Beam Angle: 60°/90°/120°

Compliance: DLC5.1/ETL/CE/CB/ENEC/EMC/SAA



NSF

Food Light

Linear Luminaires Vapor Tight Series

Rated Wattage: 24W/35W/48W

Length: 26.3inch/48.5inch/50inch

Compliance: UL/cUL/DLC5.1



NSF

Linear Luminaires Refrigeration Luminaire Series

Rated Wattage: 8W/12W/18W/20W/22W/30W

Length: 24inch, 36inch, 48inch, 60inch, 72inch

Compliance: UL/cUL/DLC5.1



NSF

Linear Luminaires Tri-proof Luminaire Series

Rated Wattage: 80W/100W/150W/200W

Beam Angle: 120°

Compliance: UL/cUL

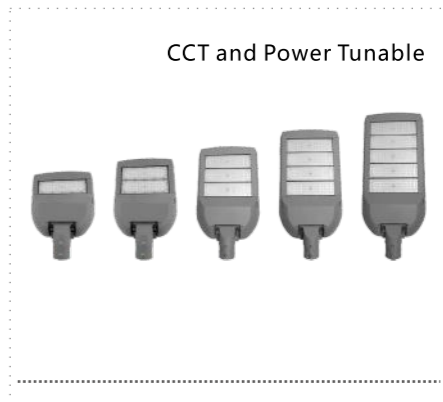


Exterior Area Lighting Luminaires Shoebox F series

Rated Wattage: 50W/80W/100W/150W/200W/240W/300W

Optics(IES Type): T2/T3/T4

Compliance: ETL/DLC/ENEC/CB/SAA/CE/EMC/RoHS/ErP



CCT and Power Tunable

Exterior Area Lighting Luminaires Street Light J Series

Rated Wattage: 50W/80W/100W/120W/150W
180W/200W/250W/280W/300W

Beam Angle: T2M/T3M/T4M

Compliance: ENEC/CB/SAA/CE/EMC/RoHS/ErP



Exterior Area Lighting Luminaires Street Light L Series

Rated Wattage: 50W/100W/150W/200W/240W

Beam Angle: T2M/T3M/T4M

Compliance: ENEC/CB/SAA/CE/EMC/RoHS/ErP



Exterior Wall Mount Luminaires Flush Mount Canopy Series

Rated Wattage: 100W/120W/150W

Beam Angle: 120°

Compliance: UL/cUL/DLC5.1



Exterior Wall Mount Luminaires Surface Mount Canopy Series

Rated Wattage: 45W/55W/70W

Beam Angle: 120°

Compliance: UL/cUL/DLC5.1



High Temperature HB Series LED High Bay Light >70°C

Rated Wattage(Max.): 150W/300W/450W/600W

IP Rating: IP66/IP67

Beam Angle: 120°

Compliance: ETL



Recessed LED Troffers Wattage and CCT Tunable LED Troffer Series

Rated Wattage: 15W/25W/36W/50W

Beam Angle: 80.7°

Compliance: UL/cUL/DLC5.1



Recessed LED Troffers Wattage and CCT Tunable Retrofit Kit Series

Rated Wattage: 15W/25W/36W/50W

Beam Angle: 80.7°

Compliance: UL/cUL/DLC5.1



Flatpanel Luminaire & Recessed LED Troffer CCT and Power Adjustable Back-lit Panel

Rated Wattage: 10W/15W/20W/25W/30W/36W
40W/50W/60W

Beam Angle: 110°

Compliance: UL/cUL/DLC5.1



Exterior Area Lighting Luminaires LED Street Light STEU-A Series

Rated Wattage: 50W/80W/100W/120W/150W
200W/240W

CCT Options: 3000K-5700K

Compliance: ENEC/CB/SAA/CE/EMC/RoHS/ErP

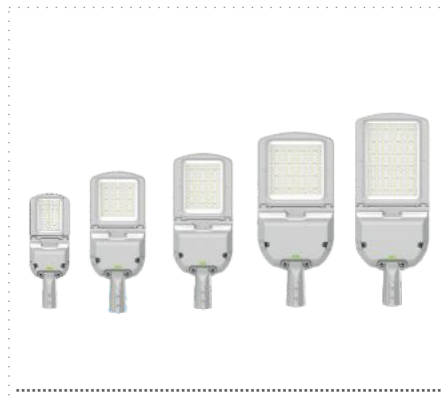


Exterior Area Lighting Luminaires Street Light H Series

Rated Wattage: 20W/60W/80W/100W/120W/150W
180W/200W/220W

Beam Angle: T3M

Compliance: UL/cUL/DLC5.1



Exterior Area Lighting Luminaires LED Street Light I Series

Rated Wattage: 50W/80W/100W/150W/200W
250W/300W

Beam Angle: T2M/T3M/T4M

Compliance: ENEC/CB/SAA/CE/EMC/RoHS/ErP



NSF

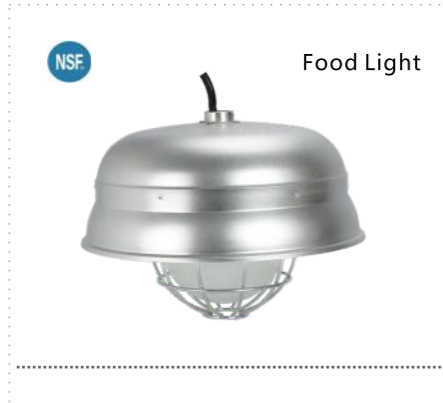
Food Light

Commercial Grade Luminaires Decorative Suspended Food Light Series

Rated Wattage: 50W/80W/100W/120W/150W

Beam Angle: 45°/90°

Compliance: UL/cUL/ETL/NSF



NSF

Food Light

LED Explosion-proof Food Light B-F Series

Rated Wattage: 20W/40W/60W/80W/100W/150W/200W

Beam Angle: 120°

IP Rating: IP66

Compliance: ETL/UL844/IECEx/CB/ATEX/NSF/CSA



NSF

Food Light

Waterproof Led Tube Linear Fixture Food Process Light

Rated Wattage: 30W/40W/60W/80W/100W

IP Rating: IP66

CCT: 2700K-6500K

Length: 2ft/4ft/5ft/8ft



Flatpanel Luminaire & Recessed LED Troffer Edge-lit Flat Panel Wattage and CCT Tunable Luminaires

Rated Wattage: 20W/30W/40W/50W/60W

Beam Angle: 120°

Compliance: UL/cUL/DLC5.1



NSF

Linear Luminaires Strip Light Series

Rated Wattage: 24W/40W/48W/56W/60W/68W/80W

Length: 48inch, 96inch

Compliance: UL/cUL/DLC5.1

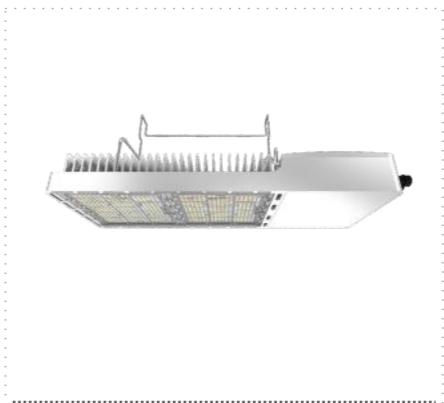


Linear Luminaires Linear Magnetic Retrofit Kit Series

Rated Wattage: 10W/12W/15W/18W/20W

Length: 24inch, 48inch

Compliance: UL/cUL/DLC5.1



Horticultural Luminaires LED Grow Light P Series

Rated Wattage: 320W/640W/720W/800W

PPE: 2.9µmol/J

Compliance: ETL/DLC

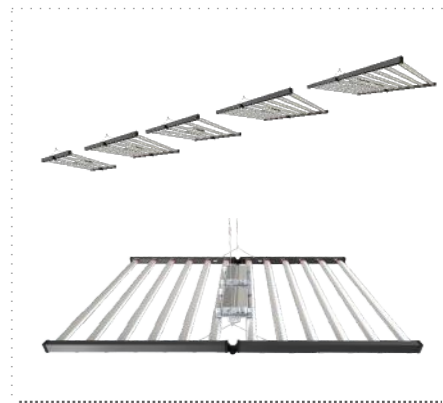


Horticultural Luminaires LED Grow Light B Series

Rated Wattage: 320W/480W/640W

PPE: 2.9µmol/J

Compliance: ETL/DLC



Horticultural Luminaires LED Plant Fixture Z Series

Rated Wattage: 320W/640W/800W/960W/1200W

PPE: 2.9µmol/J

Compliance: ETL/DLC