

2025

STADIUM LIGHT
COLLECTION



TPK OPTOELECTRONIC TECH CO.,LTD

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CONSULTANT

AND ASSISTANT ON PROJECTS,
EXPERT ON OUTDOOR LIGHTING

A company consists of some happy and quite craftman

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CORPORATE VALUES

TPK OPTOELECTRONIC TECH CO.,LTD

Toward consumers rigidly

Long-term and resolute fulfillment of the needs and standards Of the niche market's end users.

Perform higher constantly

Continuously hold oneself to higher standards of skill and productivity and strive for improvement.

Keep revolution always

Lifelong learning, continuous innovation, perseverance.



TPK OPTOELECTRONIC TECH CO.,LTD, is located in Dongfeng town, Zhongshan city, Guangdong province, which is in the central position among Guangzhou (Baiyun airport), Shenzhen (Bao'an airport) and Zhuhai (Jinwan airport), close to Guangzhu West Highway (Dongfu Exit) and Guangzhu railway station / Xiaolan station, with very convenient transportation. We have nearly 10,000 square meters of the building area, included office, exhibition hall, workshops and dormitories...etc.

Since the founding of international sales department in 2002 and the establishment of the manufacturing center in 2005, TPK is always devoting to the development, manufacturing and application of LED products, and provides value-added services for the customers. Every year we extract 5% of total annual amount to improve and develop products with much higher quality. At present, we already have kinds of related design patents for our products and have applied ETL CCC, CE, RoHS certificates. Besides, we have adopted ERP system, CRM system, ISO quality system to achieve comprehensive information offices and help to improve the management efficiency in our company, which is enable us to respond quickly and accurately to customers, meet customers' individual needs and promote customer satisfactions. In 2018, we also obtained the enterprise qualification certificate and safety production license in the construction industry.

We own a team of sincere unity, diligent study and hard-working. Meanwhile, we adhere to the philosophy of "altruism, evaluation and inheritance". From research and development to production, from logistics to whole solutions, TPK team is always supporting and helping our customers at any time. In the past twenty years, we have developing steadily and keeping the policy of quality first, provide services to more than 50 countries and regions in the world consistently. Our professional knowledge, prudent attitude and perfection to details earn high praises from our customers. We are proud of the TPK brand and convinced that it will be your trustworthy and reliable partner as well as friend.



Applications

Sport & Area



Sport Fields



Architectural & Building Surrounds



Area Site Lighting



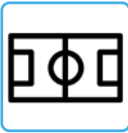
Security Lighting



Hockey Field



Baseball Field



Football Field



tennis court

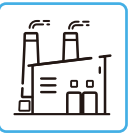
Harsh & Hazardous Application



Oil, Gas, and Petrochemical



Generator Factory



Foundries



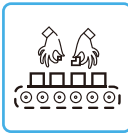
Papermaking Factory



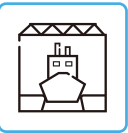
Dock and Platform



Heavy Industrial Warehouse



Equipment Processing Factory



Dockyard



Chemical Plant

Street & Roadway



Routes /Country Road



Roadways & Residential streets



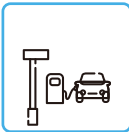
Highways/Main streets



Road Intersections



Non-Motorized Vehicles and Sidewalk Lighting



Open Car Parks



Plazas/Square lighting



Outdoor Industrial and Logistics Areas

Special Purpose



Garage Parking



Tunnels



Port / Coastal Area



Billboard



Urban wall mounted

Industry & Warehouse



Industry & Warehouse



Storage Facilities



Factories



Warehouses



Indoor Sport Fields



Logistics Facilities

Urban & Park



Public Spaces



Parks and Cycle Paths



Squares and Monuments



Large Pedestrian Areas



City Streets in Historic Centers



Urban Wall Mounted

Category

SKYWING Sports & High Mast Light >>>



STD-YXYSW4 / P11-12



STD-YXYSW5 / P13-14



STD-YXYSW6 / P15-16



STD-YXYSW7 / P17-18



STD-YXYSW8 / P19-20

DIAMOND Flood Light



STD-YXYDF2A / P23-24



STD-YXYDF2B / P25-26



STD-YXYDF3A / P27-28



STD-YXYDF3B / P29-30

SKYWING

Sports & High Mast Light

Sports & High Mast Lights are the excellent energy-efficient solutions for large spaces, such as stadium, sports field, airport, docks and construction sites, etc.

Lighting Standards

The European Standard EN 12193 is specially established for sports lighting to enable a good quality sports lighting through recommendations and requirements. The main norms defines:

Average level of illuminance (Eh ave in lux [lx])

- Maximise visual perception

Light uniformity (U0)

- Maximise visual comfort

Colour rendering index (Ra or CRI)

- Maximise real colour perception

Glare (GR)

- Minimise discomfort

Upward light ratio (ULR x%)

- Minimise upward light

Maintenance facor (MF)

- Maximise the lumen maintenance



1. Stadium & Large Scale Football Court

2. Small & Medium Size Football Court

3. Padel Court

4. Tennis Court

5. Other Sports Facilities



STD-YXYSW4



STD-YXYSW5



STD-YXYSW6

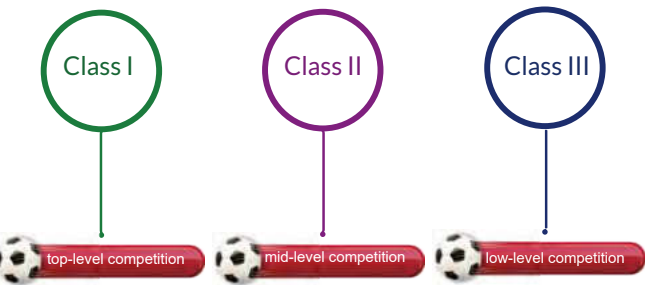


STD-YXYSW7



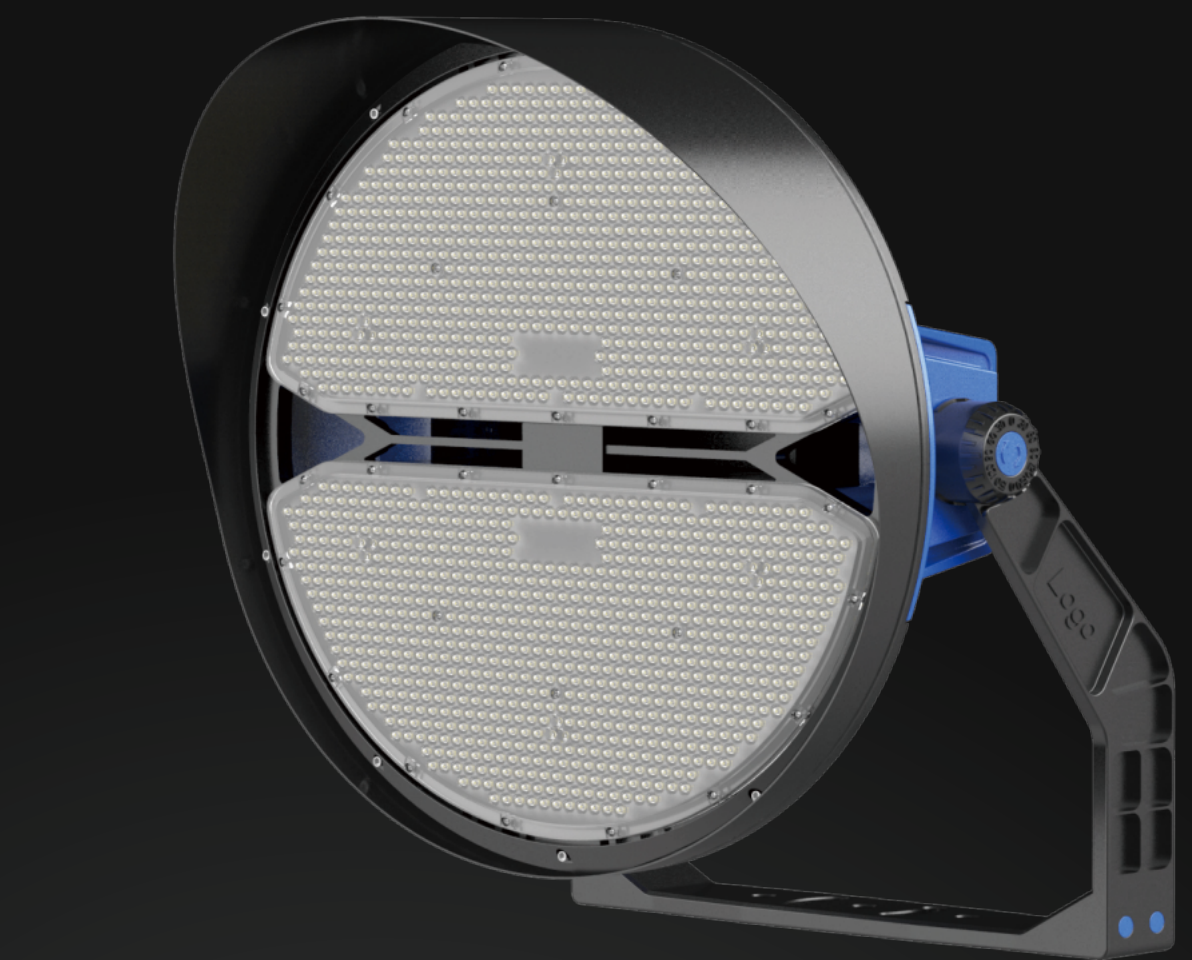
STD-YXYSW8

Class definition



Level of competition

	Class		
	I	II	III
International/National	•		
Regional	•	•	
Local	•	•	•
Training		•	•
Recreational			•



SKYWING YXYSW4

Sports & High Mast Light

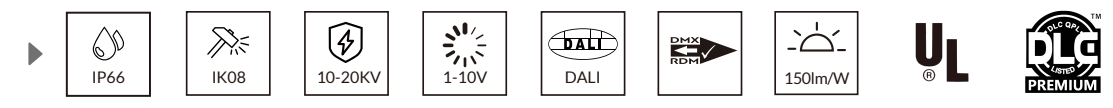
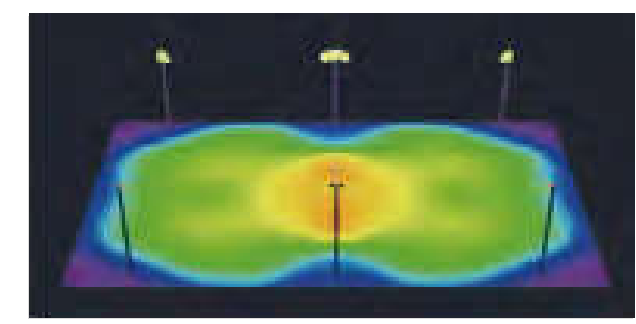
High wattage from 400W to 1200W
Light efficiency up to 140lm/W
High strength polycarbonate lens, optical lighting distribution: 10°/ 25°/ 45°/ 60°/ 90°
Integrated die casting heat sink: Excellent thermal management & compact structure
Die-casting aluminum arm & bracket: Anti-typhoon 17 & high corrosion resistance for coastal area
Integrated breather valve: Balance the internal & external temperature and humidity
Top brand LED chip and driver, ensure the product quality and lifetime
Ingress protection: IP66 waterproof
Double surge protection: Driver & extra 10KV SPD

Features:

· Round shape floodlight.



· 400W/1200W with narrow beam angles are available to maximize light while controlling uniformity and glare.



Technical specification:

Model No.	YXYSW4-D400W	YXYSW4-D500W	YXYSW4-D600W	YXYSW4-D800W	YXYSW4-D1000W	YXYSW4-D1200W
Power	400W	500W	600W	800W	1000W	1200W
Input Voltage	AC100-277V; 50/60Hz					
Lumen EFF	150LM/W (±5%)					
LED Brand	LUMILEDS 3030 / OSRAM 3737					
Driver Brand	MEANWELL / SOSEN /INVENTRONICS					
CCT	3000K/4000K/5000K/5700K/6500K					
CRI	Ra>80(70,90 Optional)					
PF	0.95					
Beam Angle	10°/25°/45°/60°/90°					
IP Rating	IP66					
IK Rating	IK08					
Warranty	5 Years					
Life Span	50,000Hrs					
Working Temperature	-35°C- +50°C					
Dimmension(mm)	493*439*421mm				651*586*511mm	
Certification	UL/ETL/CQC/CB/CE/ENEC/SAA/FCC/RoHS					

Disclaimer:
Technical data is subject to change without prior notice.



SKYWING YXYSW5

Sports & High Mast Light

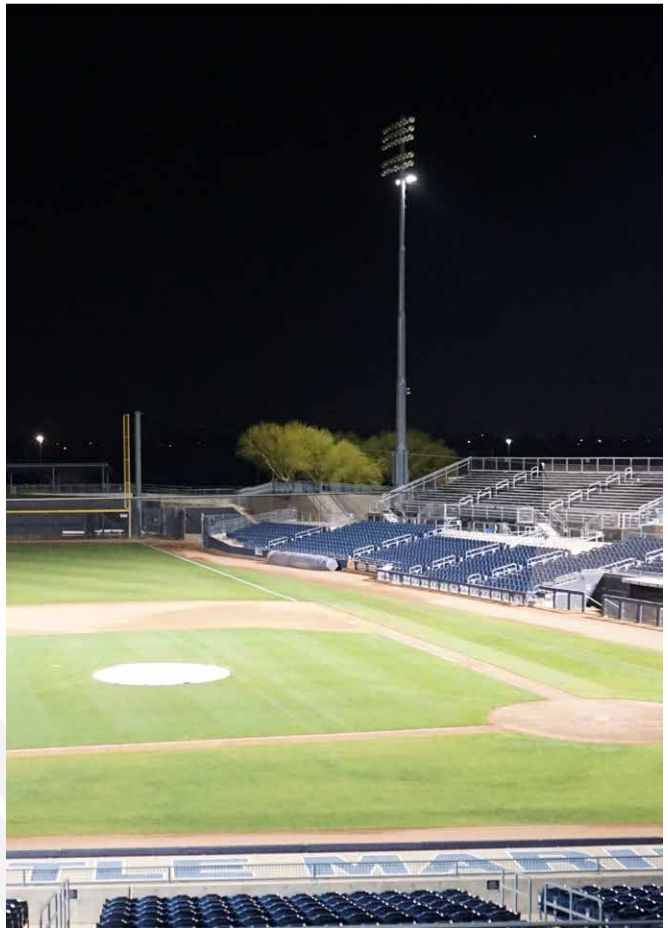
High wattage from 120W to 1200W
Light efficiency up to 140lm/W, 160lm/W, 180lm/W
Single module 120W/ 150W/ 200W, up to 6 modules can be combined into 1200W
High strength polycarbonate lens, optical lighting distribution: 30°/ 45°/ 60°/ 90°/ 80°140°/ 120°30°60°
Die casting heat sink: Excellent thermal management & Compact structure
Embedded cable raceway: Optimize cable layout
Racked angle: Allows for precise installation, up to 270°
4mm thickness U shape bracket: High-strength cold-rolled plate designwith integral flanging and bending, light weight, high mechanical strength, Special corrosion treatment to reach the WF2 standard.
Integrated breather valve: Balances the internal & external temperature & humidity
Tempered glass cover option: To apply in harsh conditions
Top brand LED chip and driver, ensure the product quality and lifetime
Ingress protection: IP66 waterproof
Double surge protection: Driver & extra 10KV SPD

Features:

· Combination floodlight.



· Options: Tempering Glass for Harsh Environment. PC lens and Glass for double protection.

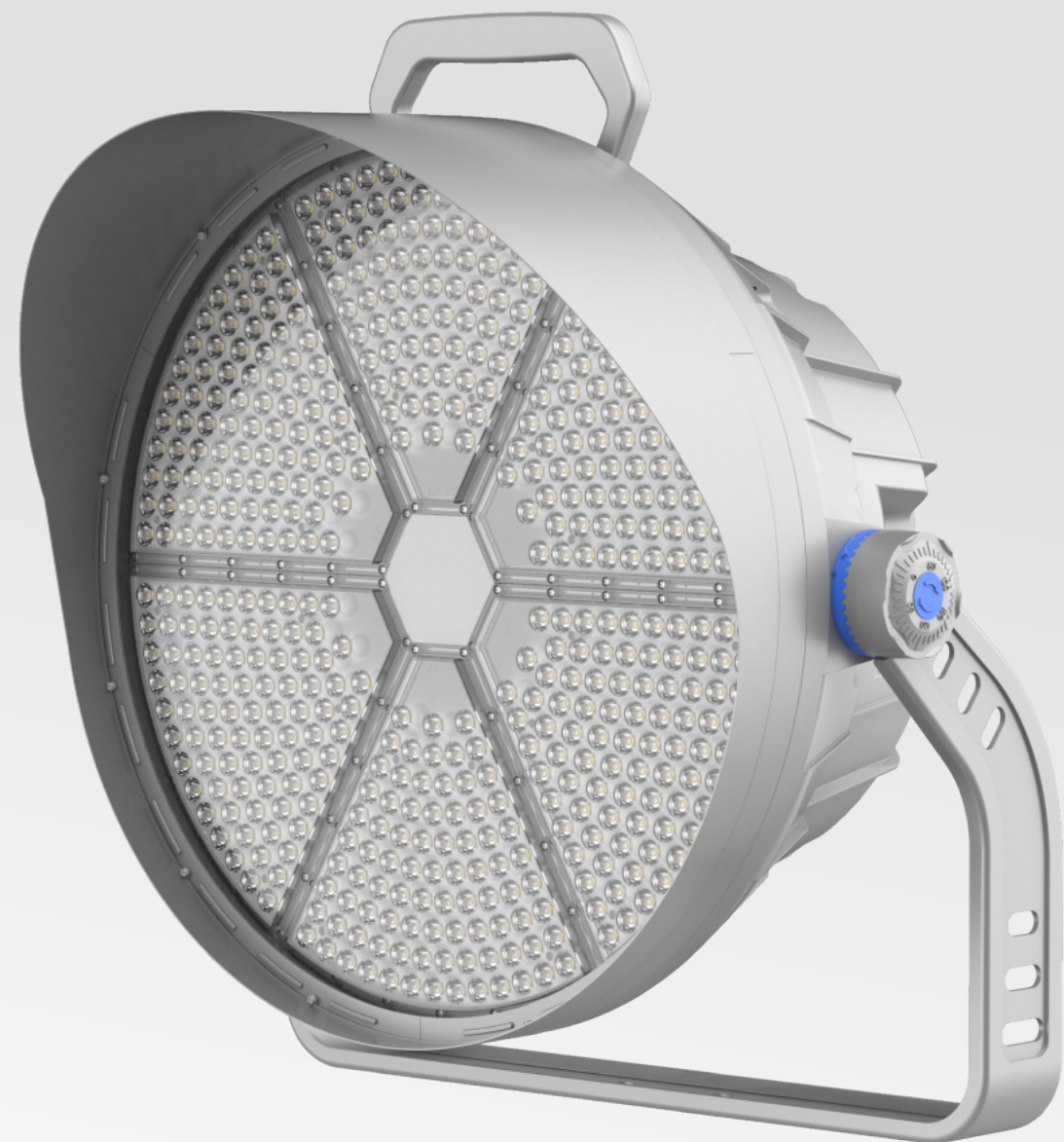




Technical specification:

Model No.	YXYSW5-E200W	YXYSW5-E400W	YXYSW5-E600W	YXYSW5-E800W	YXYSW5-E1000W	YXYSW5-E1200W
Power	200W	400W	600W	800W	1000W	1200W
Input Voltage	AC100-277V; 50/60Hz					
Lumen EFF	150LM/W (±5%)					
LED Brand	LUMILEDS 3030 / LUMILEDS 5050					
Driver Brand	MEANWELL / SOSEN / INVENTRONICS					
CCT	3000K/4000K/5000K/5700K/6500K					
CRI	Ra>80(70,90 Optional)					
PF	0.95					
Beam Angle	30°/45°/60°/90°/120°40°60°/80°140°					
IP Rating	IP66					
IK Rating	IK08					
Warranty	5 Years					
Life Span	50,000Hrs					
Working Temperature	-35°C- +50°C					
Dimmension(mm)	150*490*140mm	315*490*155mm	428*490*155mm	555*490*155mm	668*490*155mm	776*490*155mm
Certification	UL/CQC/CB/CE/ENEC/SAA/FCC/RoHS					

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SKYWING

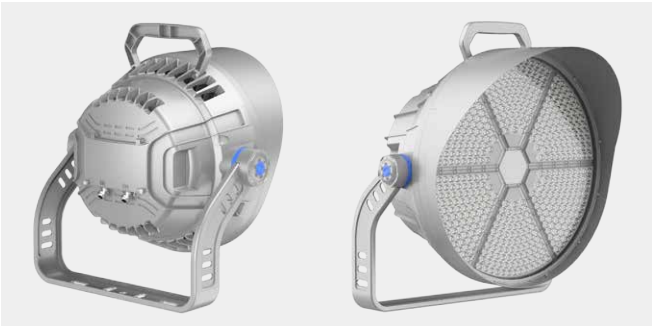
YXYSW6

Sports & High Mast Light

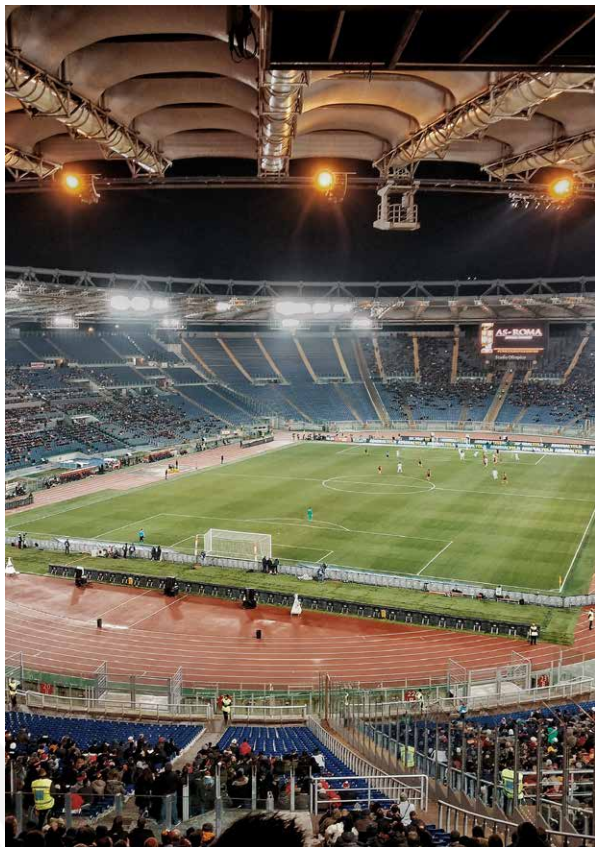
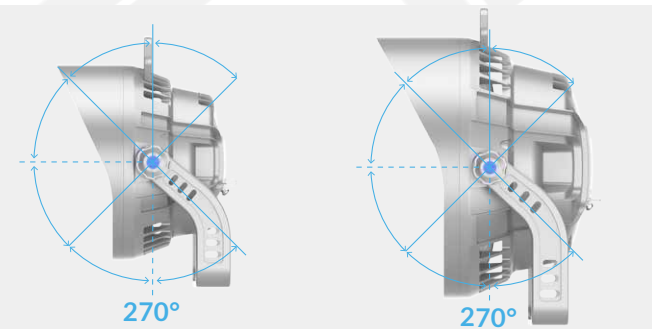
High wattage from 400W to 1200W
Light efficiency up to 150lm/W
High strength polycarbonate lens, optical lighting distribution: 10°/ 15°/ 25°/ 45°/ 60°/ 90°
ADC12 die-casting heat sink: Excellent thermal management & compact structure
4mm thickness U shape bracket: High-strength cold-rolled plate designwith integral flanging and bending, light weight, high mechanical strength, Special corrosion treatment to reach the WF2 standard.
Integrated breather valve: Balance the internal & external temperature and humidity
Top brand LED chip and driver, ensure the product quality and lifetime
Ingress protection: IP66 waterproof
Double surge protection: Driver & extra 10KV SPD
Tempered glass cover option: To apply in harsh conditions

Features:

· Tempering Glass for Harsh Environment.



· Racked Angle allows for prcise installation, up to 270°.



Technical specification:

Model No.	YXYSW6-A400W	YXYSW6-A500W	YXYSW6-A600W	YXYSW6-A800W	YXYSW6-A1000W	YXYSW6-A1200W
Power	400W	500W	600W	800W	1000W	1200W
Input Voltage	AC100-277V; 50/60Hz					
Lumen EFF	150LM/W (±5%)					
LED Brand	LUMILEDS 3030 / OSRAM 3737					
Driver Brand	MEANWELL / SOSEN /INVENTRONICS					
CCT	3000K/4000K/5000K/5700K/6500K					
CRI	Ra>80(70,90 Optional)					
PF	0.95					
Beam Angle	10°/15°/25°/45°/60°/90°					
IP Rating	IP66					
IK Rating	IK08					
Warranty	5Years					
Life Span	50,000Hrs					
Working Temperature	-35°C- +50°C					
Dimmension(mm)	522*509*389mm				681*660*497mm	
Certification	UL/CQC/CB/CE/ENEC/SAA/FCC/RoHS					

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SKYWING YXYSW7

Sports & High Mast Light

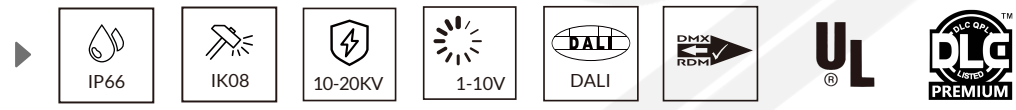
High wattage from 400W to 1800W
Light efficiency up to 150lm/W
High strength polycarbonate lens, optical lighting distribution: 10°/ 25°/ 45°/ 60°/ 90°/ Asymmetrical 60°
Die casting heat sink: Excellent thermal management & Compact structure
Racked angle: Allows for precise installation, up to 270°
4mm thickness U shape bracket: High-strength cold-rolled plate designwith integral flanging and bending, light weight, high mechanical strength, Special corrosion treatment to reach the WF2 standard.
Integrated breather valve: Balances the internal & external temperature & humidity
Tempered glass cover option: To apply in harsh conditions
Top brand LED chip and driver, ensure the product quality and lifetime
Ingress protection: IP66 waterproof
Double surge protection: Driver & extra 10KV SPD
Options: DALI, DMX

Features:

- Single-piece die-cast housing.
- PC lens and Glass for double protection.
- Visor options efficiently control the spill light, upward light and avoid the lighting pollution



- Options: Aiming Device for Precision



Technical specification:

Model No.	YXYSW7-G400W	YXYSW7-G500W	YXYSW7-G600W	YXYSW7-G800W	YXYSW7-G1000W	YXYSW7-G1200W	YXYSW7-G1500W	YXYSW7-G1800W
Power	400W	500W	600W	800W	1000W	1200W	1500W	1800W
Input Voltage	AC100-277V; 50/60Hz							
Lumen EFF	150LM/W (±5%)							
LED Brand	LUMILEDS 3030 / OSRAM 3737							
Driver Brand	MEANWELL / SOSEN /INVENTRONICS							
CCT	3000K/4000K/5000K/5700K/6500K							
CRI	Ra>80(70,90 Optional)							
PF	0.95							
Beam Angle	10°/15°/25°/45°/60°/90°/Asymmetrical 60°							
IP Rating	IP66							
IK Rating	IK08							
Warranty	5Years							
Life Span	50,000Hrs							
Working Temperature	-35°C- +50°C							
Dimmension(mm)	718*214*222			732*439*290			732*666*290	
Certification	UL/CQC/CB/CE/ENEC/SAA/FCC/RoHS							

Disclaimer:
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SKYWING
Sports & High Mast Light

YXYSW8

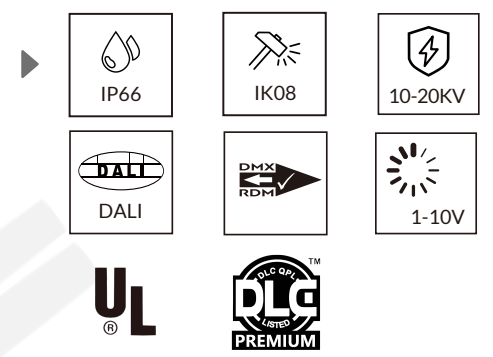
High wattage from 200W to 1500W
Light efficiency up to 150lm/W
High strength polycarbonate lens, optical lighting distribution: 10°/ 15°/ 25°/ 45°/ 60°/ 90°
Integrated die casting heat sink: Excellent thermal management & compact structure
Module gap design: Reduces wind resistance area and increase heat dissipation performance
Integrated breather valve: Balance the internal & external temperature and humidity
4mm thickness U shape bracket: High-strength cold-rolled plate designwith integral flanging and bending, light weight, high mechanical strength, Special corrosion treatment to reach the WF2 standard.
Double surge protection: Driver & extra 10KV SPD
Options: DALI, DMX

Features:

· Economic/Compact/Linghtweight Solution



· Optional accessories are available



Technical specification:

Model No.	YXYSW8-H300W	YXYSW8-H600W	YXYSW8-H900W	YXYSW8-H1200W	YXYSW8-H1500W
Power	240W/300W	480W/600W	720W/900W	960W/1200W	1200W/1500W
Input Voltage	AC100-277V; 50/60Hz				
Lumen EFF	150LM/W (±5%)				
LED Brand	LUMILEDS 2835/ LUMILEDS 3030 / OSRAM 3737				
Driver Brand	MEANWELL / SOSEN /INVENTRONICS				
CCT	3000K/4000K/5000K/5700K/6500K				
CRI	Ra>80(70,90 Optional)				
PF	>0.95				
Beam Angle	10°/15°/25°/45°/60°/90°/Asymmetrical 60°				
IP Rating	IP66				
IK Rating	IK08				
Warranty	5 Years				
Life Span	50,000Hrs				
Working Temperature	-35°C- +50°C				
Dimmension(mm)	560*250*148mm	560*447*148mm	560*447*148mm	560*761*148mm	560*918*148mm
Certification	ETL/CQC/CB/CE/ENEC/SAA/FCC/RoHS				

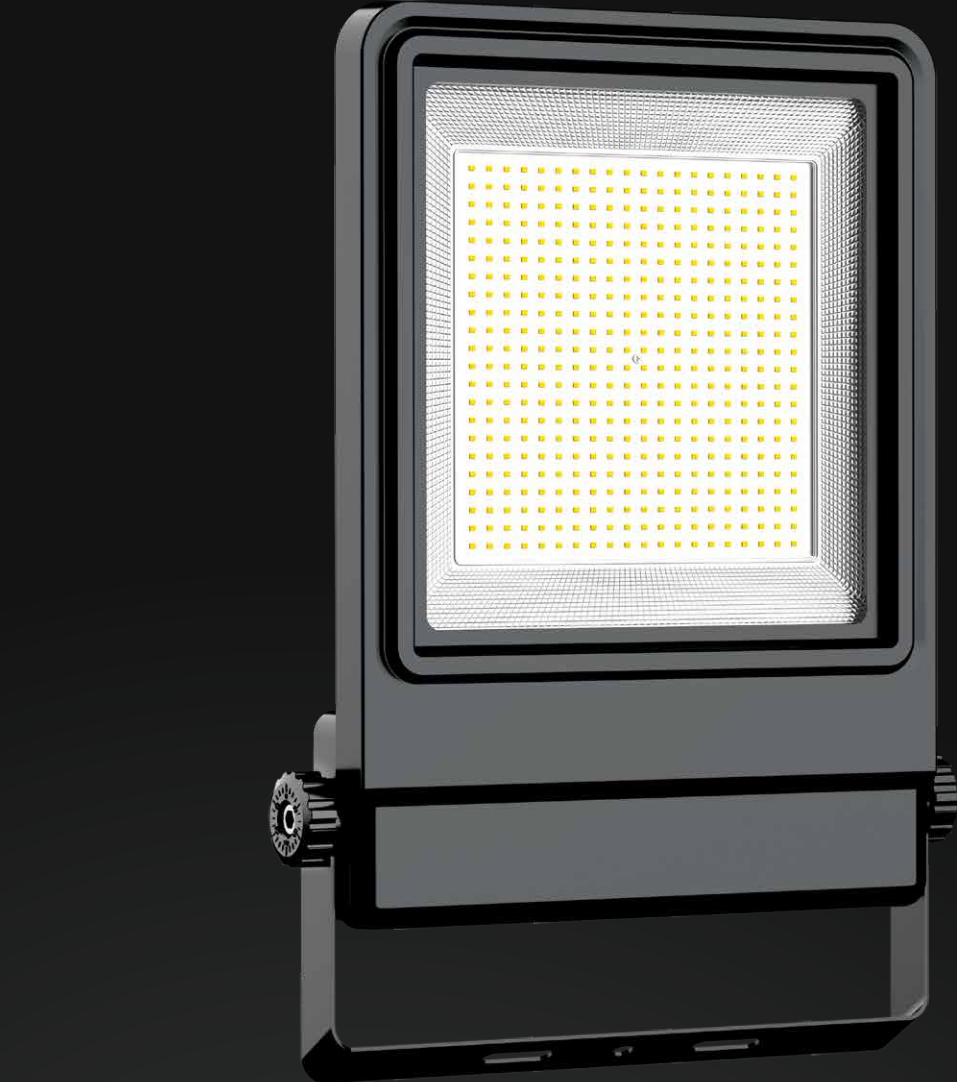
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DIAMOND

Flood Light

LED floodlights are engineered specifically to illuminate vast indoor and outdoor areas. They feature high-intensity output, expansive coverage, and operate with remarkable energy efficiency, ensuring large spaces are well-lit without consuming excessive power.





DIAMOND YXYDF2

Flood Light

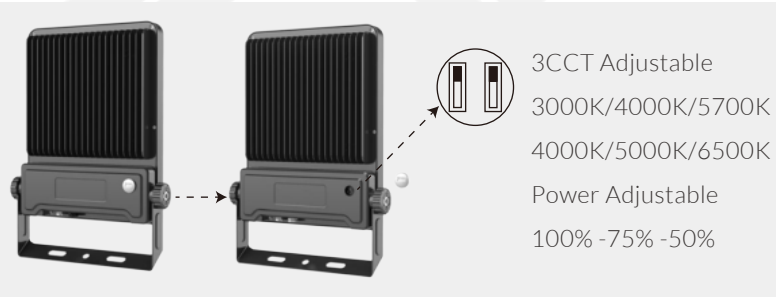
Offered in 10W to 300W
Light efficiency up to 150lm/W
Optical lighting distribution: 120°
Die-casting technology by ADC12, excellent thermal management, reduce the temperature difference and ensure the lumen depreciation
Tempered glass, Integrated Breather Valve: Balances The Internal & External Temperature and Humidity
Offset bracket design, Racked Angle ±120° adjustable, Allows For Precise Installation
Ingress Protection Rating: IP66
Options: 3CCT & 3Power Adjustable
Options: PIR Sensor

Features:

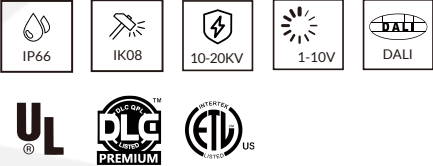
· Multiple Power:



· Options: 3CCT & Power adjustable solution



· Optional sensor model



Technical specification:

Model No.	YXYDF2-B10W	YXYDF2-B20W	YXYDF2-B30W	YXYDF2-B50W	YXYDF2-B100W	YXYDF2-B150W	YXYDF2-B200W	YXYDF2-B250W	YXYDF2-B300W
Power	10W	20W	30W	50W	100W	150W	200W	250W	300W
Input Voltage	AC100-277V; 50/60Hz								
Lumen EFF	120LM/W(±5%), 150LM/W (±5%)								
LED Brand	LUMILEDS								
Driver Brand	MEANWELL / SOSEN / ISHINELUX								
CCT	3000K/4000K/5000K/5700K/6500K/3CCT Adjustable								
CRI	Ra>80(70,90 Optional)								
PF	0.95								
Beam Angle	120°								
IP Rating	IP66								
IK Rating	IK08								
Warranty	5 Years								
Life Span	50,000Hrs								
Working Temperature	-25°C- +45°C								
Dimmension(mm)	127*127*44mm	148*148*44mm	201*193*46mm	247*237*47mm	301*280*55mm	358*320*61mm	412*366*63mm	486*406*69mm	486*406*69mm
Certification	ETL/CQC/CB/CE/ENEC/SAA/FCC/RoHS								

Disclaimer:
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DIAMOND

Flood Light

Narrow B

YXYDF2

Offered in 10W to 300W
Light efficiency up to 150lm/W
Optical lighting distribution: 25°/45°/60°/90°/70°*150°
Die-casting technology by ADC12, excellent thermal management, reduce the temperature difference and ensure the lumen depreciation
Tempered glass, Integrated Breather Valve: Balances The Internal & External Temperature and Humidity
Offset bracket design, Racked Angle ±120° adjustable, Allows For Precise Installation
Ingress Protection Rating: IP66
Options: 3CCT & 3Power Adjustable
Options: PIR Sensor

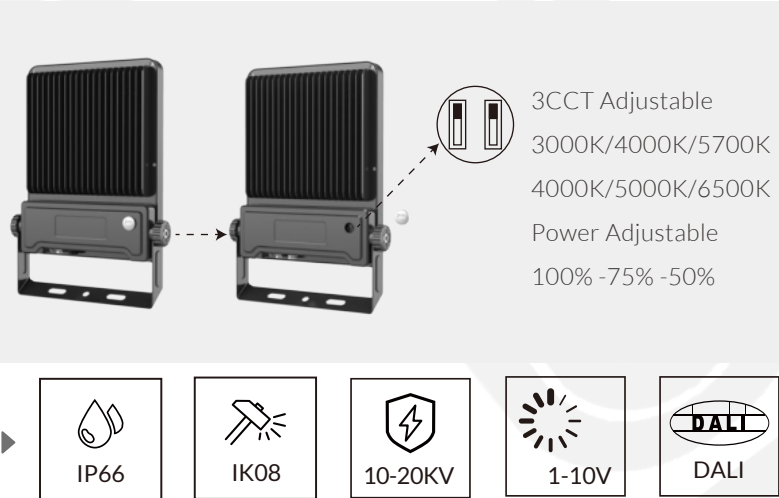


Features:

· Multiple Power:



· Options: 3CCT & Power adjustable solution



Technical specification:

Model No.	YXYDF2-BB30W	YXYDF2-BB50W	YXYDF2-BB100W	YXYDF2-BB150W	YXYDF2-BB200W	YXYDF2-BB250W	YXYDF2-BB300W
Power	30W	50W	100W	150W	200W	250W	300W
Input Voltage	AC100-277V; 50/60Hz						
Lumen EFF	150LM/W (±5%)						
LED Brand	LUMILEDS						
Driver Brand	MEANWELL /SOSEN						
CCT	3000K/4000K/5000K/5700K/6500K/3CCT Adjustable						
CRI	Ra>80(70,90 Optional)						
PF	0.95						
Beam Angle	25°/45°/60°/90°/70°*150°						
IP Rating	IP66						
IK Rating	IK08						
Warranty	5 Years						
Life Span	50,000Hrs						
Working Temperature	-25°C- +45°C						
Dimmension(mm)	201*193*46mm	247*237*47mm	301*280*55mm	358*320*61mm	412*366*63mm	486*406*69mm	486*406*69mm
Certification	ETL/CQC/CB/CE/SAA/FCC/RoHS						

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DIAMOND YXYDF3

Flood Light

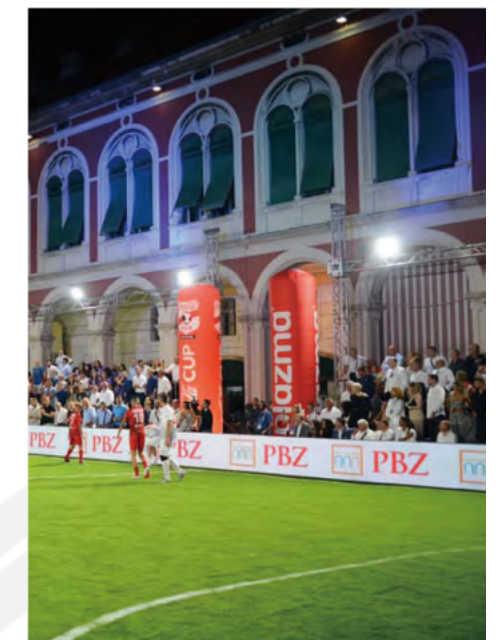
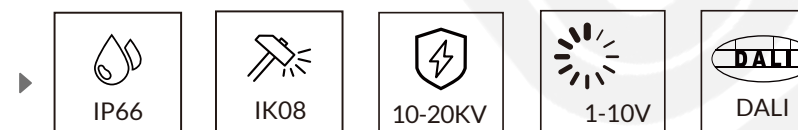
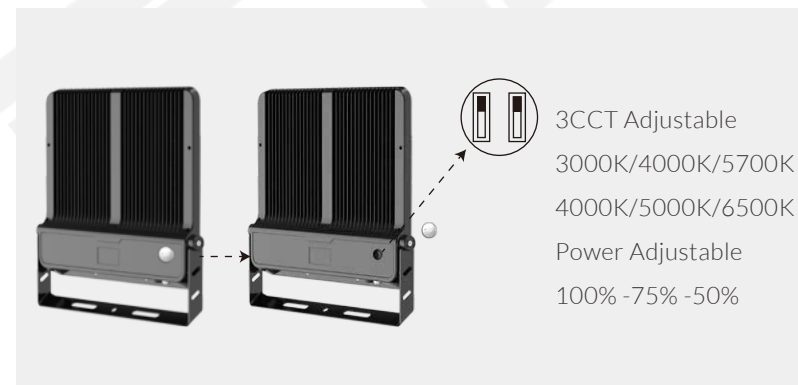
Offered in 30W to 500W
Light efficiency up to 150lm/W
Optical lighting distribution: 120°
Die-casting technology by ADC12, excellent thermal management, reduce the temperature difference and ensure the lumen depreciation
Tempered glass, Integrated Breather Valve: Balances The Internal & External Temperature and Humidity
Offset bracket design, Racked Angle ±120° adjustable, Allows For Precise Installation
Ingress Protection Rating: IP66
Options: 3CCT & 3Power Adjustable

Features:

· Multiple Power:



· Options: 3CCT & Power adjustable solution



Technical specification:

Model No.	YXYDF3-A30W	YXYDF3-A50W	YXYDF3-A100W	YXYDF3-A150W	YXYDF3-A200W	YXYDF3-A250W	YXYDF3-A300W	YXYDF3-A400W	YXYDF3-A500W
Power	30W	50W	100W	150W	200W	250W	300W	400W	500W
Input Voltage	AC100-277V; 50/60Hz								
Lumen EFF	120LM/W(±5%), 150LM/W (±5%)								
LED Brand	LUMILEDS								
Driver Brand	MEANWELL/SOSEN/ISHINELUX								
CCT	3000K/4000K/5000K/5700K/6500K/3CCT Adjustable								
CRI	Ra>80(70,90 Optional)								
PF	0.95								
Beam Angle	120°								
IP Rating	IP66								
IK Rating	IK08								
Warranty	5 Years								
Life Span	50,000Hrs								
Working Temperature	-25°C- +45°C								
Dimmension(mm)	217*212*38mm	254*239*38mm	302*314*49mm	358*364*49mm	386*415*51mm	460*480*54mm	460*480*54mm	550*589*56mm	550*589*56mm
Certification	ETL/CQC/CB/CE/ENEC/SAA/FCC/RoHS								

Disclaimer:
Technical data is subject to change without prior notice.

DIAMOND

Flood Light

Narrow B

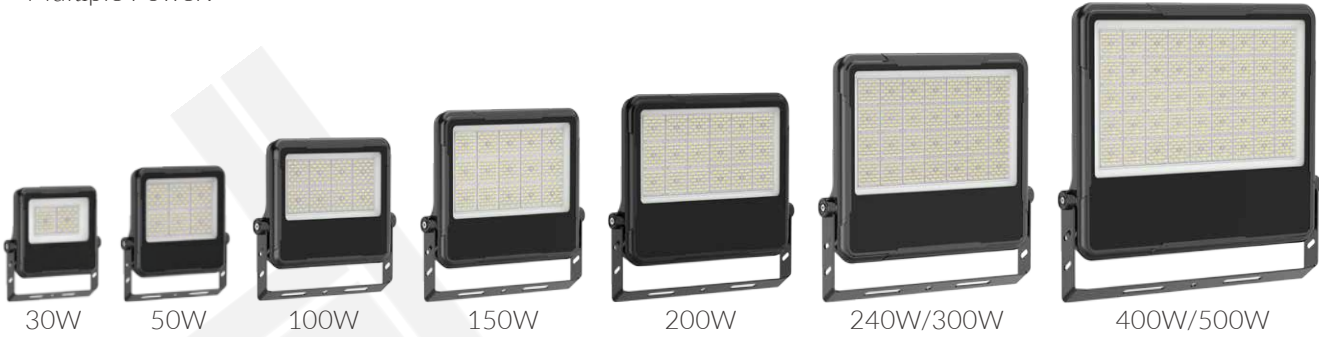
YXYDF3

Offered in 30W to 500W
Light efficiency up to 150lm/W
Optical lighting distribution: 25°/45°/60°/90°/70°*150°
Die-casting technology by ADC12, excellent thermal management, reduce the temperature difference and ensure the lumen depreciation
Tempered glass, Integrated Breather Valve: Balances The Internal & External Temperature and Humidity
Offset bracket design, Racked Angle ±120° adjustable, Allows For Precise Installation
Ingress Protection Rating: IP66
Options: 3CCT & 3Power Adjustable

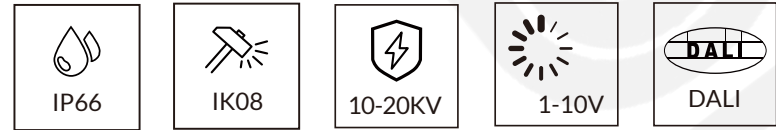
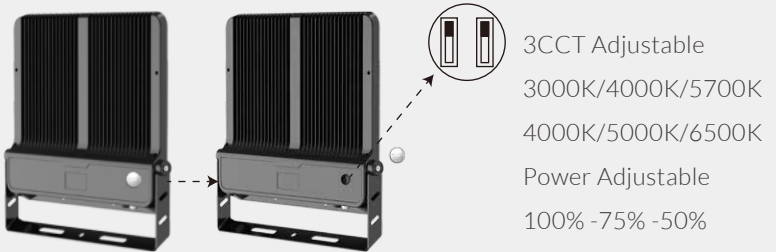


Features:

· Multiple Power:



· Options: 3CCT & Power adjustable solution



Technical specification:

Model No.	YXYDF3-B30W	YXYDF3-B50W	YXYDF3-B100W	YXYDF3-B150W	YXYDF3-B200W	YXYDF3-B250W	YXYDF3-B300W	YXYDF3-B400W	YXYDF3-B500W
Power	30W	50W	100W	150W	200W	250W	300W	400W	500W
Input Voltage	AC100-277V; 50/60Hz								
Lumen EFF	150LM/W (±5%)								
LED Brand	LUMILEDS								
Driver Brand	MEANWELL/SOSEN								
CCT	3000K/4000K/5000K/5700K/6500K/3CCT Adjustable								
CRI	Ra>80(70,90 Optional)								
PF	0.95								
Beam Angle	25°/45°/60°/90°/70°*150°								
IP Rating	IP66								
IK Rating	IK08								
Warranty	5 Years								
Life Span	50,000Hrs								
Working Temperature	-25°C- +45°C								
Dimmension(mm)	217*212*38mm	254*239*38mm	302*314*49mm	358*364*49mm	386*415*51mm	460*480*54mm	460*480*54mm	550*589*56mm	550*589*56mm
Certification	ETL/CQC/CB/CE/ENEC/SAA/FCC/RoHS								

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