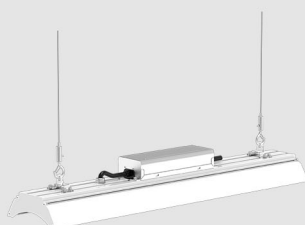
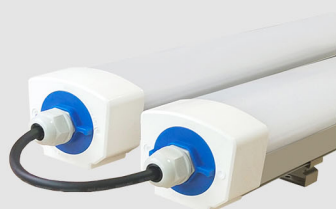




2022 LED LIGHTING

SPRING EDITION

CATALOG



Company Profile

Fireflir Lighting Limited was started 11 years ago, by Jorge Wong who has been in the lighting field for past two decades. Jorge, who has been manufacturing and researching lighting products from the early 1990's aims to provide the right product to our clients under the company Fireflir Lighting.

Located in the LED producing&researching center, Fireflir is not only a manufacturer, but also a designer. Most of products are designed by Fireflir's engineers. The LED High Mast Lighting and LED High Bay Lights are widely used in the market.

High efficiency production lines, leading technology of LED, excellent and experienced LED engineers and employees, and also 100% satisfied customer service ensures our LED product with high quality and latest design. The production strictly carry out ISO9001 International Quality Certification System and ISO14001 International Environment Certification System.

Based on above, Fireflir aim to produce the right product with best price required by our client in this complicated lighting area. Europe, North America, Australia and also Latin America are our main market.

All in all, Fireflir hope to work with all our friends from the whole world in the LED lighting field and make a contribution to the green earth.

Welcome to Fireflir Lighting



Factory Building



Reception Area



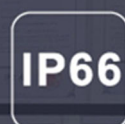
Production Area



Production Area

Certificates

PATENT PROTECTION



Welcome to Fireflir Lighting



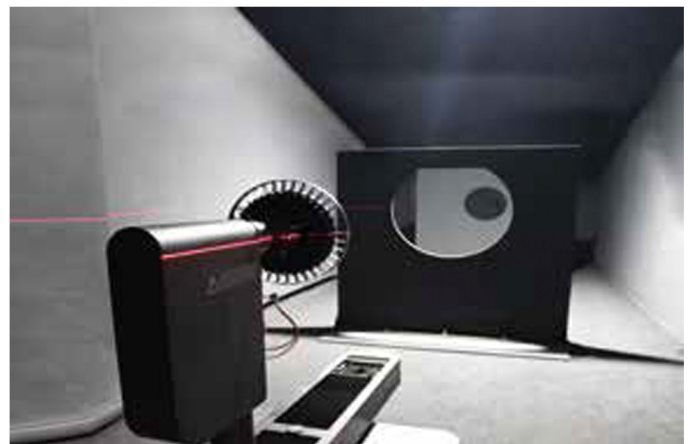
Waterproof test



Temperature&humidity test



Goniophotometers system



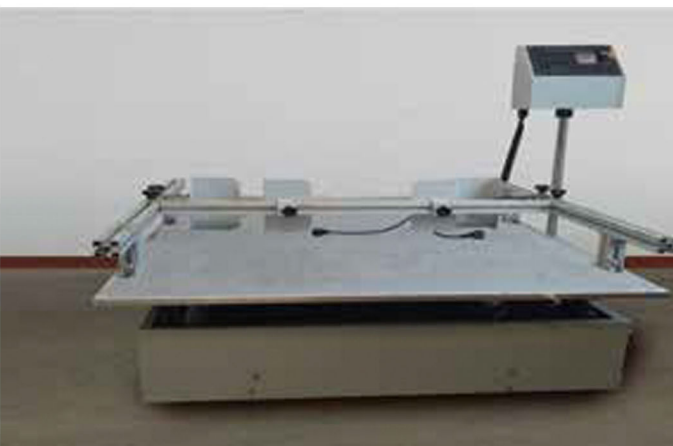
Goniophotometers system



Integrating sphere system



Salt spray test

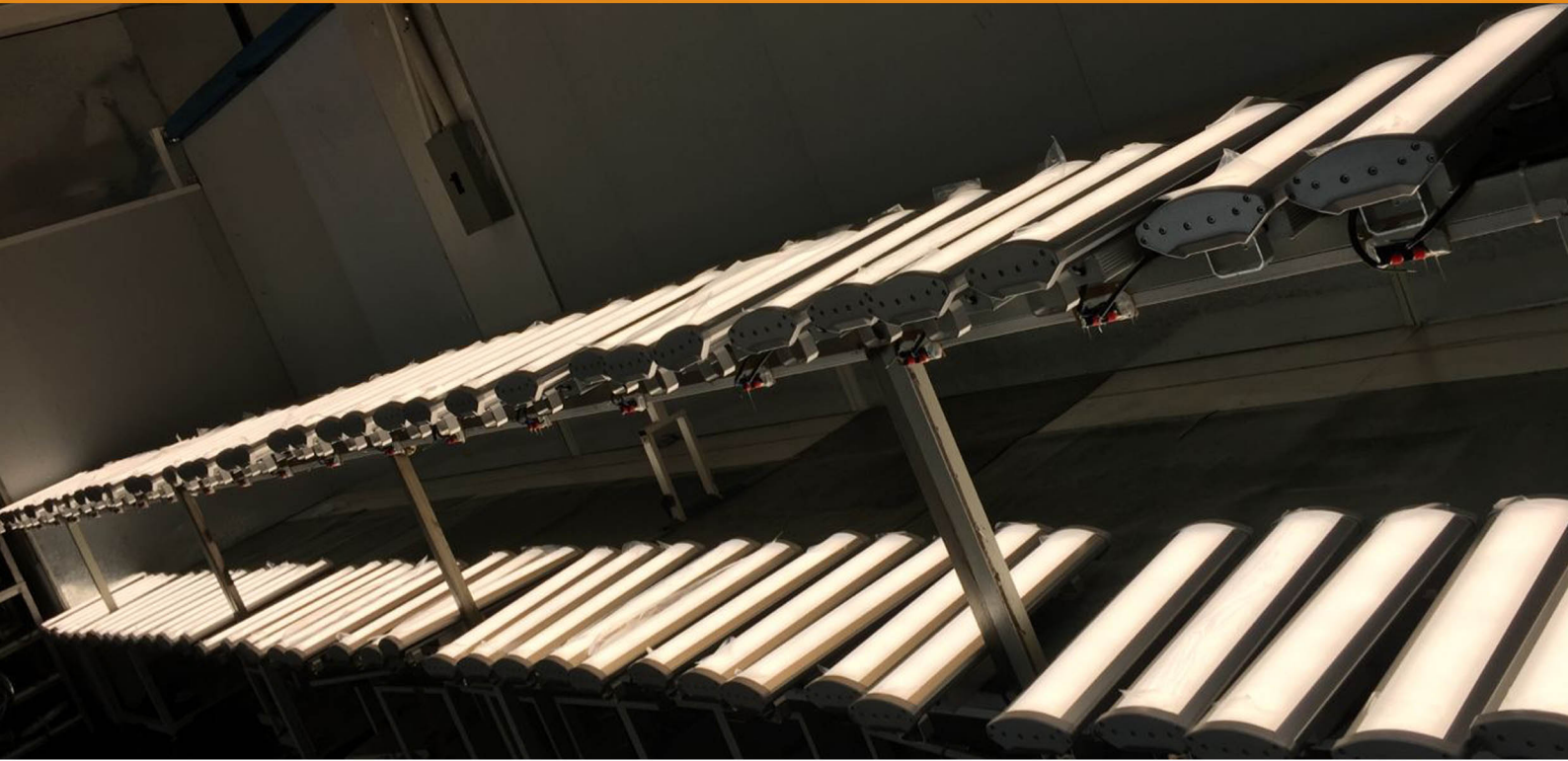


Vibration test



Laser Engraving machine

Aging Test Reference



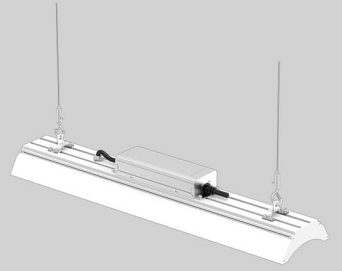
Contents



P1



P2



P3



P4



P5



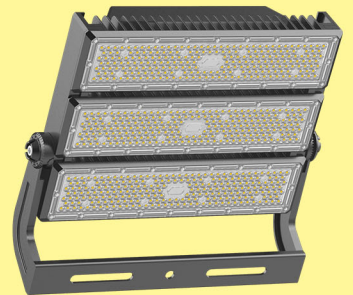
P6



P7



P8



P9



P11



P13



P15



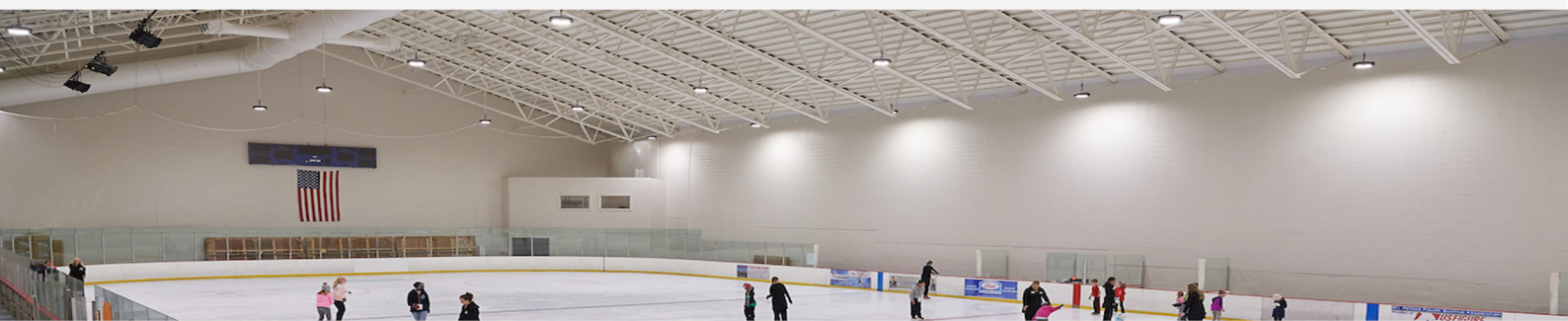
P17



P18



P19



Eco High Bay Light



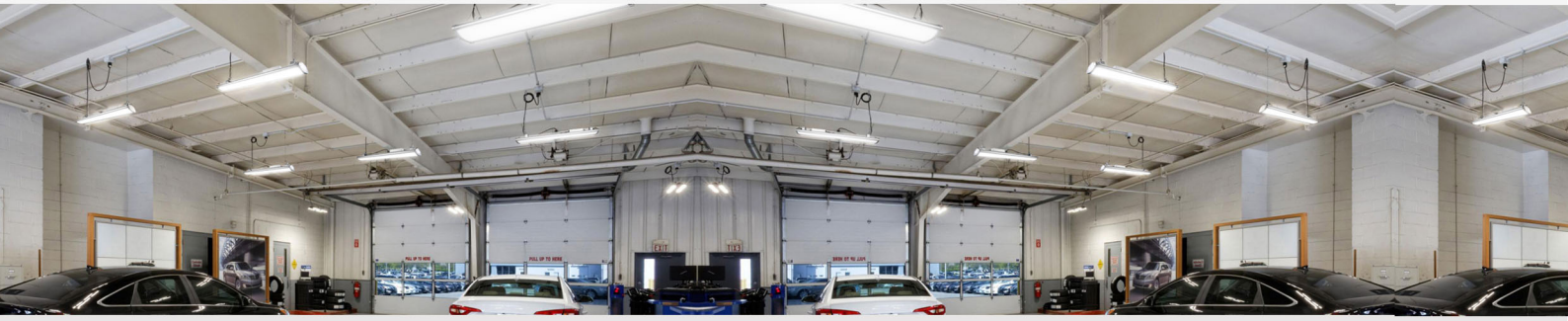
140/190 lm/w

Model	FR-FHBL60W	FR-FHBL100W	FR-FHBL150W	FR-FHBL200W
Wattage	60W	100W	150W	200W
Lumen	8400LM	14000LM	21000LM	28000LM
Size(mm)	192(D)*81(H)	262(D)*104(H)	300(D)*102(H)	336(D)*102(H)
Weight	1.1KGS	2.1KGS	2.8KGS	3.1KGS
Light Source	Bridgelux 2835			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	60°/90°/120°			
IP & IK	IP66 & IK10			
Dimmable	0-10V			
Color rendering	>80			
Finish	Aluminum+PC lens			
Lifespan	50,000 Hours			
Certification	CE ROHS CB C-TICK FCC PSE			
Warranty	5 YEARS			

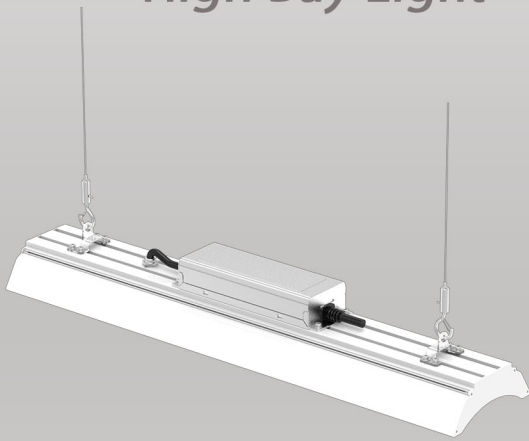
- Back smooth design
- Patented optical lens
- Hanging/mounted installation
- 60°/90°/120° lens
- Light weight design
- Plug&play sensor
- Modular design
- 0/1-10V Dimming



Eco High Bay Light is with updated modular design including LED Driver, sensor and LED module. It is with our unique ODM driver for better compatibility with our LED module and sensor. A plug&play Microwave sensor is optional.



Galaxy High Bay Light



140lm/w

Model	FR-LB50-G	FR-LB100-G	FR-LB150-G	FR-LB200-G
Wattage	50W	100W	150W	200W
Lumen	7000LM	14000LM	21000LM	28000LM
Size	305*133*77	605*133*83	905*133*83	1205*133*83
Weight	1.3KGS	2.2KGS	3.0KGS	3.5KGS
Light Source	2835 SMD			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP Grade	IP65			
Beam Angle	60° / 90° / 80°155°			
Dimmable	1-10V/Dali optional			
Color rendering	>80			
Finish	Aluminum+PC			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Light&elegant design
- IP65 Waterproof
- 60° / 90° / 80°155° lens
- 1-10V/Dali dimming
- Emergency mode available
- Hanging&Mounted installation
- Microwave sensor optional



Galaxy Led High Bay Light is brilliantly designed as a one-for-one replacement to traditional High Bays. With nice looking, and better lighting performance, make it be more and more popular in the market.



E40

High Bay Light



140lm/w

Model	BUH-150	BUH-200
Wattage	150W	200W
Lumen	20000LM	27000LM
Replace(MH/HPS)	400-500W	500-600W
Weight	1.8KGS	
Light Source	Lumileds	
Color temperature	2700-6500K	
IP Grade	IP65	
Input Voltage	AC100-277V	
Beam Angle	60°/90°/120°	
Dimmable	1-10V PWM	
Base	E39/E40/Hook	
Color rendering	>80	
Accessory	Hook, Microwave sensor	
Lifespan	50,000 Hours	
	ETL DLC CE(EMC LVD) ROHS	
Warranty	5 YEARS	

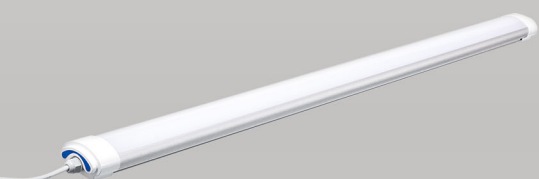
- Up to 140lm/w
- 60°/90°/120° lens
- Internal driver
- E39/40/Hook installation
- Light&elegant design
- 1-10V/PWM Dimming
- IP65 Waterproof



Up to 140lm/w, the E40 150W&200W are perfect replacement of metal halide, HPS and other conventional bulbs. It is integrated with many features, including: IP65 waterproof, dimming, mogul base/hook installation and various beam angle.



Arena Vapor Tight Light



Model	M2W20	M3W30	M4W40	M5W50
Wattage	20W	30W	40W	50W
Lumen	2200-2800lm	3300-4200lm	4400-5600lm	5500-7000lm
Size(mm)	600*80*45	900*80*45	1200*80*45	1500*80*45
Weight	0.6KGS	0.9KGS	1.2KGS	2KGS
Light Source	2835 SMD			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP Grade	IP65			
Installation	Mounted/Suspended			
Dimmable	1-10V optional			
Color rendering	>80			
Finish	Aluminum+PC			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Light&elegant design
- IP65 Waterproof
- Milky&clear cover
- 1-10V dimming
- Emergency mode available
- Hanging&Mounted installation
- Microwave sensor optional



Arena LED Vapor Tight Light is brilliantly designed as a one-for-one replacement to fluorescent tube fixtures. With IP65 design, it is widely used in garages, car washing rooms, shops and more.



Aviator Vapor Tight Light

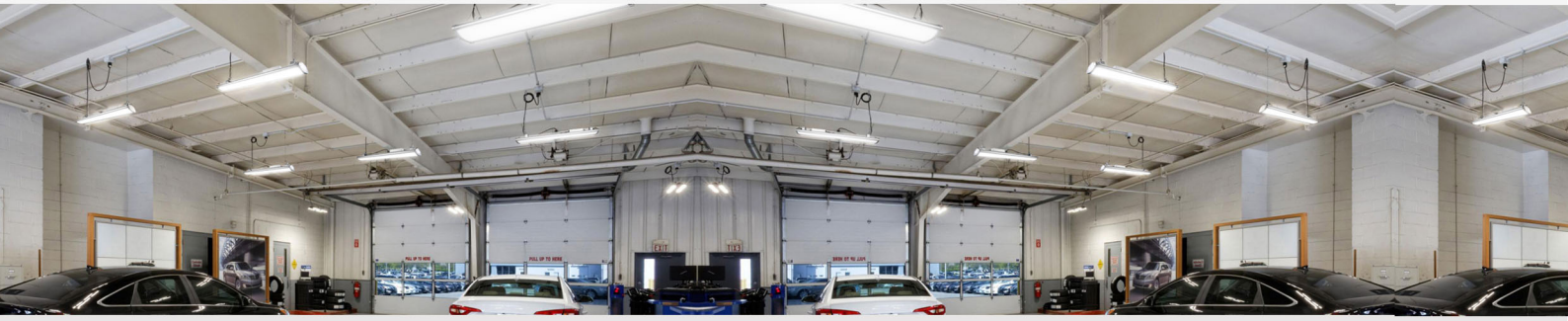


Model	V65X2-20	V65X2-30	V65X4-40	V65X4-50	V65X5-60	V65X5-80
Wattage	20W	30W	40W	60W	60W	80W
Lumen	2600	3900	5200	7800	7800	10400
Size(mm)	600*76*67		1200*76*67		1500*76*67	
Weight	1.5KGS		2.5KGS		3.2KGS	
Light Source	2835 SMD					
Color temperature	2700-6500K					
Power Factor	0.95					
Input Voltage	AC200-240V					
IP Grade	IP65					
Installation	Mounted/Suspended					
Dimmable	1-10V/Dali optional					
Color rendering	>80					
Finish	Aluminum+PC					
Lifespan	50,000 Hours					
Certification	CE(EMC LVD) ROHS					
Warranty	5 YEARS					

- Series connection
- IP65 Waterproof
- Milky&clear cover
- 1-10V/Dali dimming
- Emergency mode available
- Hanging&Mounted installation
- Microwave sensor optional



Aviator LED Vapor Tight Light is brilliantly designed as a one-for-one replacement to fluorescent tube fixtures. With IP65 design, it is widely used in garages, car washing rooms, factory and more.



Maxima Tri-proof Light



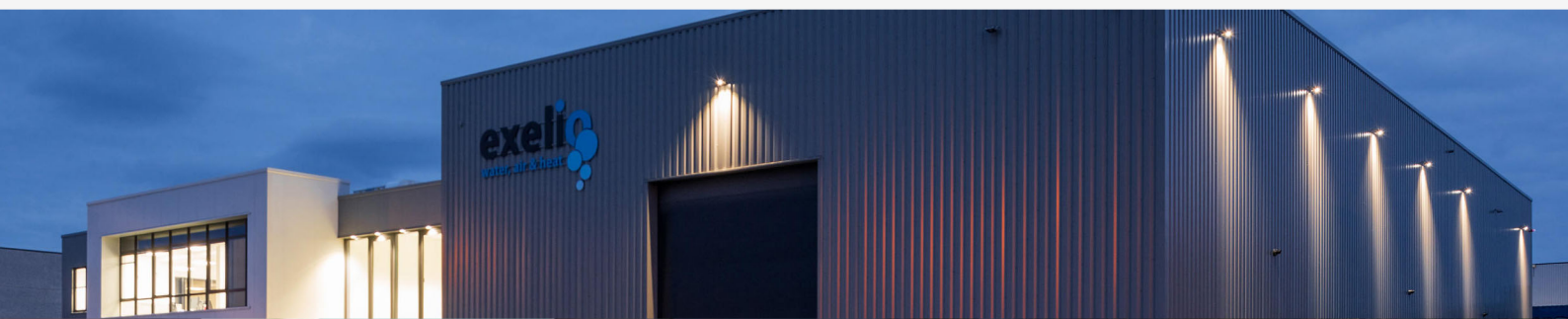
140lm/w

Model	FR-LB50-E	FR-LB80-E	FR-LB100-E	FR-LB150-E
Wattage	50W	80W	100W	150W
Lumen	7000LM	11200LM	14000LM	21000LM
Size	600*116*60	900*116*60	1200*116*60	1500*116*60
Weight	1.8KGS	2.45KGS	3.2KGS	4.0KGS
Light Source	2835 SMD			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP Grade	IP65			
Installation	Mounted/Suspended			
Dimmable	1-10V/Dali optional			
Color rendering	>80			
Beam Angle	30°/60°/90°/120°			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

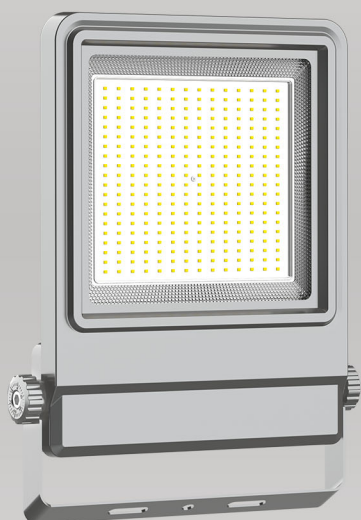
- Light&elegant design
- IP65 Waterproof
- Milky&clear cover
- 1-10V/Dali dimming
- Emergency mode available
- Hanging&Mounted installation
- Microwave sensor optional



Maxima Led Low Bay Light is brilliantly designed as a one-for-one replacement to traditional High Bays. With 30/60/90 degree narrow beam angle, it is an ideal solution for warehouse lighting.



Azra Flood Light



140lm/w

Model	FR-FL100W	FR-FL150W	FR-FL200W	FR-FL300W
Wattage	100W	150W	200W	300W
Lumen	15000LM	22500LM	30000LM	45000LM
Size(mm)	301*280*55	358*320*61	412*366*63	486*406*69
Weight	2.6KGS	3.6KGS	5.2KGS	8.8KGS
Light Source	Osram 2835			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	120° OR PC lens(25° 45° 60° 90° 70°150°)			
IP Grade	IP66			
Dimmable	0-10V (Optional)			
Color rendering	>80			
Finish	Aluminum+PC lens			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Streamline body design
- Tempered glass cover
- 20-300W power range
- Various beam angle
- High lumen output 150lm/w
- Pir sensor optional
- Excellent cooling performance

Azra LED flood light is with streamline body and multi-angle lens design. Available with symmetric&asymmetric lens, almost all applications covered, like recreational sports, building lighting...etc.



Modular Flood Light

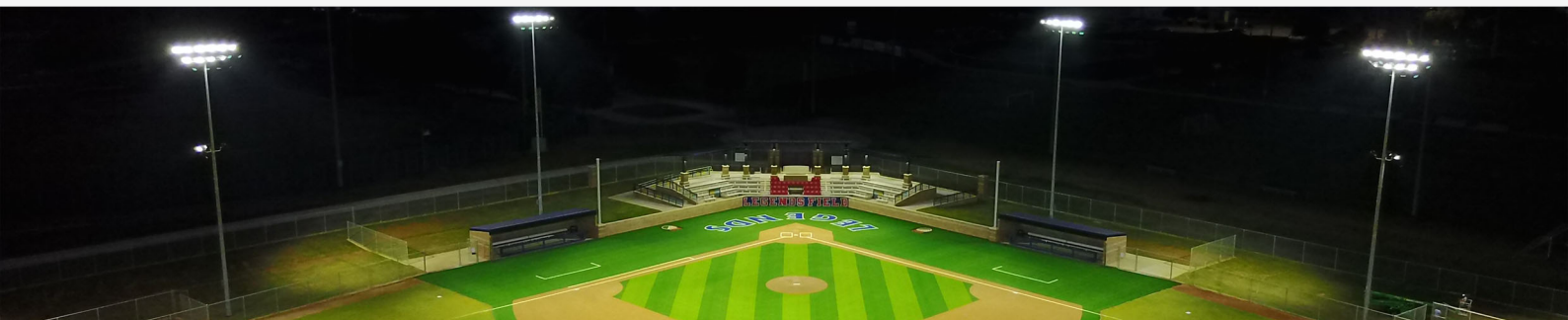


140lm/w

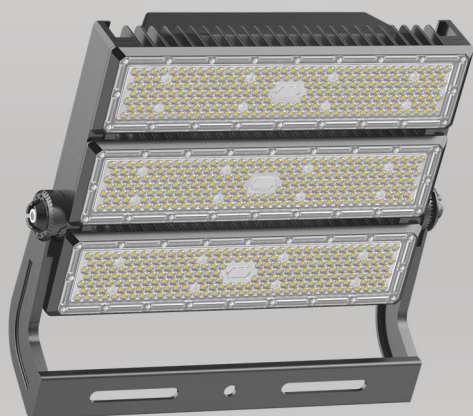
Model	FLM50W	FLM100W	FLM150W	FLM200W	FLM300W
Wattage	50W	100W	150W	200W	300W
Lumen	7000LM	14000LM	21000LM	28000LM	35000LM
Size(mm)	133*372*97	220*372*97	310*372*97	398*372*97	486*372*97
Weight	1.8KGS	3.2KGS	4.0KGS	4.5KGS	5.5KGS
Light Source	Osram 2835				
Color temperature	2700-6500K				
Power Factor	0.95				
Input Voltage	AC90-305V				
Beam angle	25° 45° 60° 90° 80*150° 90*120°				
IP Grade	IP66				
Dimmable	0-10V (Optional)				
Color rendering	>80				
Finish	Aluminum+PC lens(Glass cover optional)				
Lifespan	50,000 Hours				
Certification	CE(EMC LVD) ROHS				
Warranty	5 YEARS				

- Modular body design
- Tempered glass cover optional
- 50-300W power range
- Various beam angle
- High lumen output 140lm/w
- Optimized cable layout
- Excellent cooling performance

Artemis LED flood light is with modular body and multi-angle lens design. Available with symmetric&asymmetric lens, almost all applications covered, like recreational sports, building lighting...etc.



Genesis Sport Light

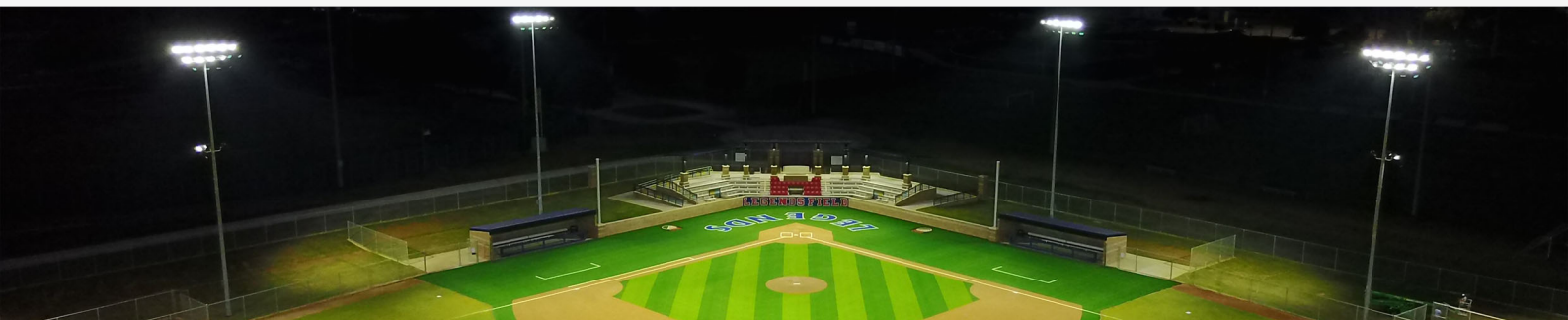


140lm/w

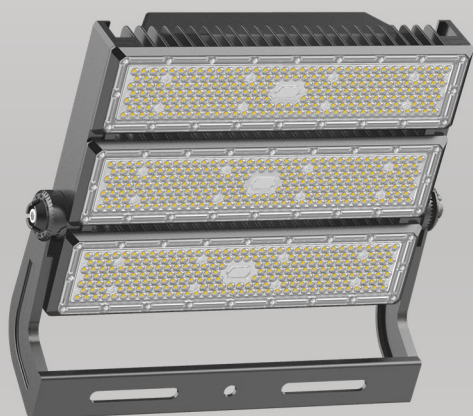
Model	HMG200W	HMG400W	HMG600W	HMG800W
Wattage	200W	400W	600W	800W
Lumen	28000LM	56000LM	84000LM	112000LM
Size(mm)	150*490*140	315*490*155	428*490*155	555*490*155
Weight	8.5KGS	12.5KGS	16.0KGS	20.5KGS
Light Source	SMD 3030			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	30° 45° 60° 90° 80*150°			
IP Grade	IP66			
Dimmable	0-10V (Optional)			
Color rendering	>70			
Finish	Aluminum+PC lens(Glass cover optional)			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Modular body design
- Tempered glass cover optional
- 200-1600W power range
- Various beam angle
- High lumen output 140lm/w
- Optimized cable layout
- Excellent cooling performance

Genesis Sport light is with modular body and multi-angle lens design. Available with symmetric&asymmetric lens, almost all applications covered, like recreational sports, building lighting...etc.



Genesis Sport Light

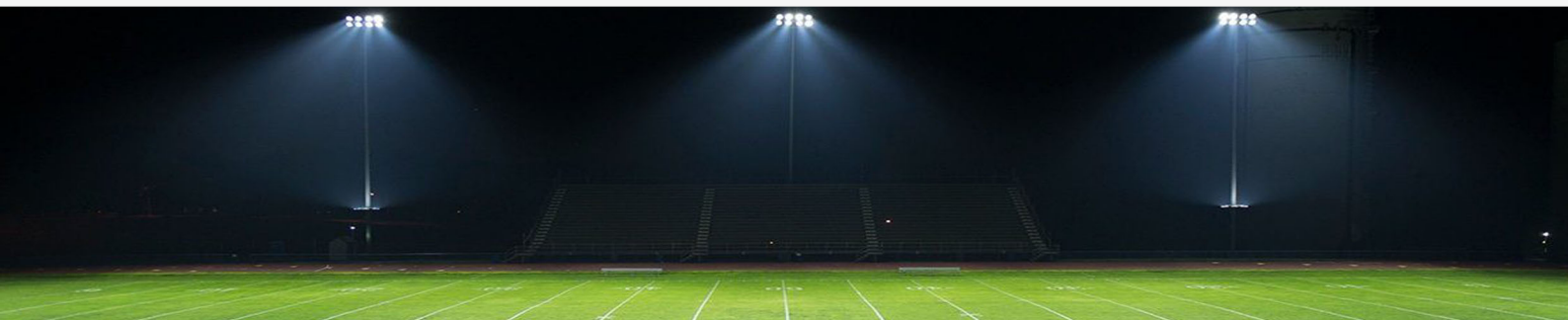


140lm/w

Model	HMG1000W	HMG1200W	HMG1400W	HMG1600W
Wattage	1000W	1200W	1400W	1600W
Lumen	140000LM	168000LM	196000LM	224000LM
Size(mm)	668*490*155	776*490*155	889*490*155	1020*490*155
Weight	20.5KGS	25.5KGS	29.0KGS	33.0KGS
Light Source	SMD 3030			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	30° 45° 60° 90° 80*150°			
IP Grade	IP66			
Dimmable	0-10V (Optional)			
Color rendering	>70			
Finish	Aluminum+PC lens(Glass cover optional)			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Modular body design
- Tempered glass cover optional
- 200-1600W power range
- Various beam angle
- High lumen output 140lm/w
- Optimized cable layout
- Excellent cooling performance

Genesis Sport light is with modular body and multi-angle lens design. Available with symmetric&asymmetric lens, almost all applications covered, like recreational sports, building lighting...etc.



Premium Stadium Light

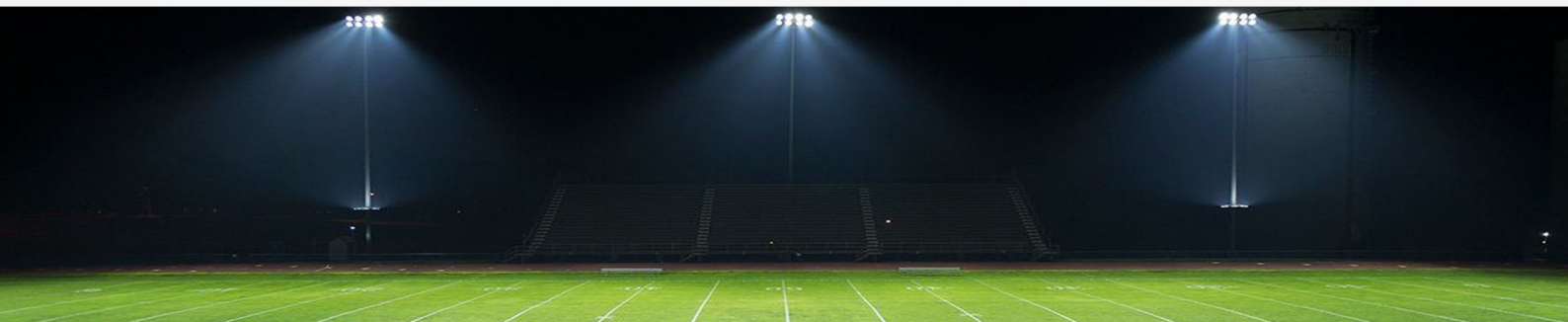


150lm/w

Model	SPL500W	SPL800W	SPL1000W	SPL1200W
Wattage	500W	800W	1000W	1200W
Lumen	75000LM	120000LM	150000LM	180000LM
Size(mm)	449*443*442	449*443*482	512*555*513	512*555*533
Weight	14.0KGS	15.0KGS	25.0KGS	27.0KGS
Light Source	SMD 5050			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	15° 25° 40° 60°			
IP Grade	IP66			
Dimmable	1-10V (Optional)			
Color rendering	>70			
Finish	Aluminum+PC lens			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Upward light shield
- Easy adjustable mount
- 500-1200W power range
- Various beam angle
- High lumen output 150lm/w
- Salt spray resistant
- Excellent cooling performance

Premium Sport light is purpose-built and designed for the ideal illumination of almost any sporting venue. Multiple beam patterns and lumen packages offer a high degree of customization for indoor or outdoor venues.



Premium Stadium Light



120lm/w

Model	SPL500W-B	SPL750W	SPL1000W-B	SPL1200W-B
Wattage	500W	750W	1000W	1200W
Lumen	60000LM	90000LM	120000LM	144000LM
Size(mm)	449*443*442	449*443*482	512*555*513	512*555*533
Weight	14.0KGS	15.0KGS	25.0KGS	27.0KGS
Light Source	COB			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC90-305V			
Beam angle	15° 23° 38° 45° 60°			
IP Grade	IP66			
Dimmable	1-10V (Optional)			
Color rendering	>70			
Finish	Aluminum+ Glass cover			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Upward light shield
- Easy adjustable mount
- 500-1200W power range
- Various beam angle
- High lumen output 150lm/w
- Salt spray resistant
- Excellent cooling performance

Premium Sport light is purpose-built and designed for the ideal illumination of almost any sporting venue. Multiple beam patterns and lumen packages offer a high degree of customization for indoor or outdoor venues.



Pilot Led Street Light



150lm/w

Model	FR-STL30W	FR-STL60W	FR-STL90W	FR-STL120W
Wattage	28W	65W	90W	120W
Lumen	4500LM	9000LM	13500LM	18000LM
Size	562*240*86mm		624*313*106mm	
Weight	4.3KGS		6KGS	
Light Source	Lumileds 3030			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP & IK	IP66 & IK08			
Sensor	Photocell			
Beam Angle	TYPE II(ME1~ME2 ME3~ME5 ME3-SE)			
Color rendering	>80 or 70			
Finish	AL+PMMA lens+Tempered Glass cover			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Streamline design
- Driver box buckle design
- 0-10V/Dali dimming
- Intelligent control
- SPD10KV/20KV
- ME1-ME5 beam angle
- Integrated breather



PHILIPS  **LUMILEDS**

Pilot LED street light is featured by innovative design. The optical lenses and LED chips offer great efficiency both from brightness and energy saving. It is particularly suitable for main roads, secondary roads, highway, parking lot, bridge.



Pilot Led Street Light



150lm/w

Model	FR-STL150W	FR-STL180W
Wattage	150W	180W
Lumen	22500LM	27000LM
Size	731*312*106mm	
Weight	7.8KGS	
Light Source	Lumileds 3030	
Color temperature	2700-6500K	
Power Factor	0.95	
Input Voltage	AC100-277V	
IP & IK	IP66 & IK08	
Sensor	Photocell	
Beam Angle	TYPE II(ME1~ME2 ME3~ME5 ME3-SE)	
Color rendering	>80 or 70	
Finish	AL+PMMA lens+Tempered Glass cover	
Lifespan	50,000 Hours	
Certification	CE(EMC LVD) ROHS	
Warranty	5 YEARS	

- Streamline design
- Driver box buckle design
- 0-10V/Dali dimming
- Intelligent control
- SPD10KV/20KV
- ME1-ME5 beam angle
- Integrated breather



PHILIPS  **LUMILEDS**

Pilot LED street light is featured by innovative design. The optical lenses and LED chips offer great efficiency both from brightness and energy saving. It is particularly suitable for main roads, secondary roads, highway, parking lot, bridge.



Galaxy Led Street Light



140lm/w

Model	FR-STG30W	FR-STG60W	FR-STG80W	FR-STG100W
Wattage	30W	60W	80W	100W
Lumen	4200LM	8400LM	11200LM	14000LM
Size	424*208*94mm		519*297*111mm	
Weight	2.8KGS		4.2KGS	
Light Source	SMD 2835			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP & IK	IP66 & IK08			
Sensor	Photocell optional			
Beam Angle	T2-M T3-M			
Color rendering	>80			
Finish	AL+PC lens+Tempered Glass cover			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

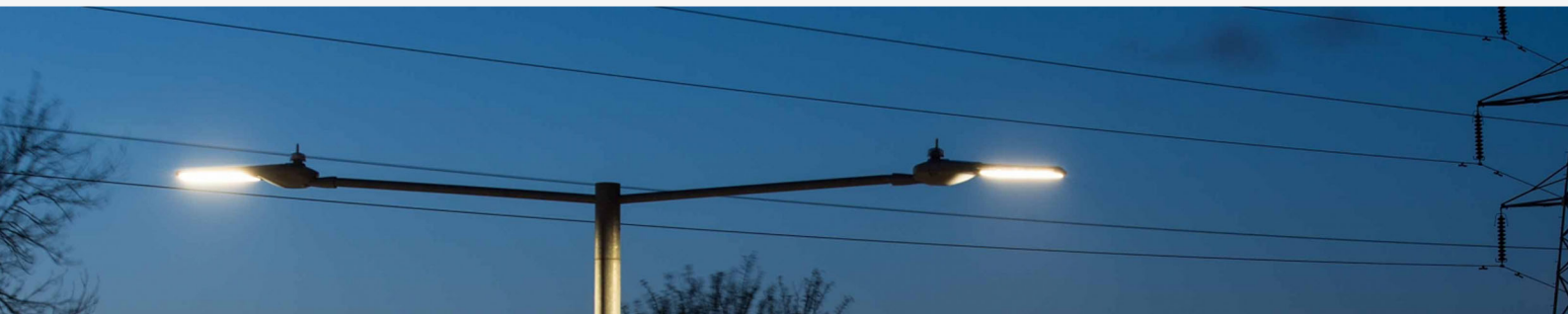
- Streamline design
- Driver box buckle design
- 0-10V/Dali dimming
- Adjustable arm
- SPD10KV/20KV
- T2 T3 beam angle
- Photocell optional



OSRAM



Galaxy LED street light is featured by innovative design. The optical lenses and LED chips offer great efficiency both from brightness and energy saving. It is particularly suitable for main roads, secondary roads, highway, parking lot, bridge.



Galaxy Led Street Light



140lm/w

Model	FR-STG150W	FR-STG180W	FR-STG200W	FR-STG240W
Wattage	150W	180W	200W	240W
Lumen	21000LM	25200LM	28000LM	33600LM
Size	610*297*111mm		700*297*111mm	
Weight	5.2KGS		6.2KGS	
Light Source	SMD 2835			
Color temperature	2700-6500K			
Power Factor	0.95			
Input Voltage	AC100-277V			
IP & IK	IP66 & IK08			
Sensor	Photocell optional			
Beam Angle	T2-M T3-M			
Color rendering	>80			
Finish	AL+PC lens+Tempered Glass cover			
Lifespan	50,000 Hours			
Certification	CE(EMC LVD) ROHS			
Warranty	5 YEARS			

- Streamline design
- Driver box buckle design
- 0-10V/Dali dimming
- Adjustable arm
- SPD10KV/20KV
- T2 T3 beam angle
- Photocell optional



OSRAM



Galaxy LED street light is featured by innovative design. The optical lenses and LED chips offer great efficiency both from brightness and energy saving. It is particularly suitable for main roads, secondary roads, highway, parking lot, bridge.



Alfa

Solar Street Light



Model	SL-4W	SL-8W	SL-15W	SL-40W
Wattage	4W	8W	15W	40W
Lumen	400LM	850LM	1600LM	4800LM
Solar Panel	2.3W	7W	9.5W	20W
Life PO4 Battery	2.4AH 3.7V	6AH 3.7V	5.4AH 7.4V	6AH 12.8V
Charging time	8-10 hours			
Working time	Auto adjustable, 4 nights+			
Color temperature	2700-6500K			
Module angle	30° adjustable			
IP Grade	IP65			
Light Source	SMD 2835			
Beam Angle	140°*70°			
Color rendering	>80			
Finish	ABS+PC			
Control	Automatic+Pir sensor			
Certification	CE ROHS MSDS			
Warranty	2 YEARS			

- All in one design
- Monocrystalline solar panel
- Built-in LiFePO4 battery
- Pir sensor integrated
- 3 installation way
- Lamp angle adjustable

This Alfa Series is a state-of-art solar light with an integrated solar Panel. It has the functions of LED flood lamps, LED Wall Lights and street lights. It is best suited for use in open areas such as garden, street and other outdoor areas.



Supra Solar Street Light



Model	SSL-40W-A	SSL-60W-A	SSL-80W-A	SSL-100W-A
Wattage	40W	60W	80W	100W
Lumen	4000LM	6000LM	8000LM	10000LM
Solar Panel	18V 51W	18V 64W	18V 85W	18V 107W
Life PO4 Battery	201WH	302WH	403WH	502WH
Charging time	8-10 hours			
Working time	10-12hours, 5-7 cloudy/ rainy days			
Color temperature	2700-6500K			
Lamp angle	0-72° adjustable			
IP Grade	IP66			
Light Source	Bridgelux SMD			
Beam Angle	140°*70°			
Color rendering	>70			
Finish	AL Alloy+PC			
Control	Time/Sensor(Remote)			
Certification	CE ROHS MSDS			
Warranty	3 YEARS			

- All in one design
- Monocrystalline solar panel
- Built-in LiFePO4 battery
- Aluminum alloy lamp body
- Remote controller
- Lamp angle adjustable



This Supra Series is a state-of-art solar light with an integrated solar Panel. It has the functions of LED flood lamps, LED Wall Lights and street lights. It is best suited for use in open areas such as garden, street and other outdoor areas.



Galaxy Solar Street Light



170lm/w

Model	SSL-60W	SSL-80W	SSL-100W	SSL-120W
Wattage	60W	80W	100W	120W
Lumen	10200LM	13600LM	17000LM	20400LM
Solar Panel	18V 80W	18V 100W	18V 130W	18V 170W
Life PO4 Battery	36AH 12.8V	42AH 12.8V	54AH 12.8V	60AH 12.8V
Charging time	6-8 hours			
Working time	12-15hours, 5-7 cloudy/ rainy days			
Color temperature	2700-6500K			
Module angle	15° adjustable			
IP Grade	IP66			
Light Source	Bridgelux 3030			
Beam Angle	140°			
Color rendering	>80			
Finish	AL Alloy+PC			
Control	Automatic+Remote			
Certification	CE ROHS			
Warranty	3 YEARS			

*Working mode: 3hrs 100% brightness+2hrs 80% brightness+7 hrs 25% brightness

- All in two design
- Monocrystalline solar panel
- Built-in LiFePO4 battery
- Aluminum alloy lamp body
- Remote controller
- Module angle adjustable



Galaxy series is the latest all-in-two solar street light developed by FireFlier. These new lights are highly bright with 170lm/w, relatively long-lasting, adjustable in angle, and equipped with large battery boxes.



FireFlier®

Contact Us

Tel: 86-130-88869086

Web: www.fireflier.com

Email: info@fireflier.com

Add: Pingshan, SZ, China

* Because Fireflier is continually improving its products, specifications are subject to change without notice.