

China Professional LED Lighting Manufacturer Exporter

OEM ODM Partner

Since 2008

LED Lighting Catalogue 2026



Haichang Optotech Co., Limited

www.haichanglight.com

Company Profile



- Established in 2008 in Hong Kong, factory in Shenzhen, China
- Design, manufacture and export quality LED lighting products
- Export-oriented OEM/ODM manufacturer
- Focus on commercial, industrial and landscape lighting
- 12,000+ sqm factory area
- 180+ professional workers
- ISO9002 Quality Management System

Why Choose HAICHANG

- 100% Quality assured
- Innovative design
- Branded LED chips: Cree, Epistar, Bridgelux, Lumileds
- Branded LED power supply
- Advanced circuit design and thermal management
- OEM / ODM customization capabilities
- CE, RoHS, SAA, TUV, UL, DLC, and ETL certified
- 3~5 years solid warranty. Excellent after-sale service.
- Exported to 30+ countries, including Switzerland, Netherland, UK, Italy, Germany, France, Kazakhstan, South Africa, UAE, Philippines, Australia, Malaysia, USA, Canada and so on.

Factory View



Certifications



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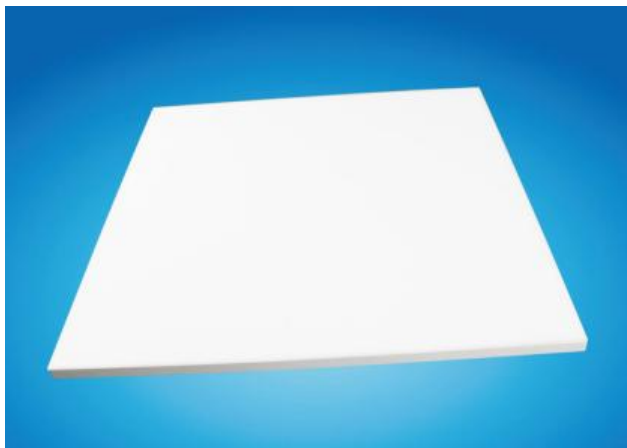
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Frameless Edge-Lit LED panel light



Features

Frameless, Concise and delicate

Widen light distribution area, reduce the dark area blocked by frame

Enhanced light guide panel, much higher light transmission rate

Epistar or San'an 4014/2835 SMD LED, Ra80/90/95

Even and soft light output

Aluminum alloy housing, IP40

DALI, 0-10V, ,Push, PWM, Triac dimming

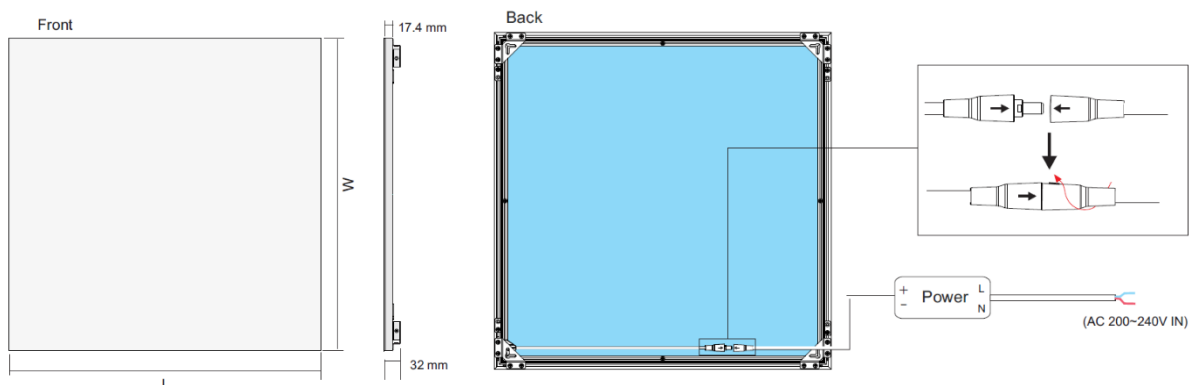
50,000 hours lifetime, 50%-80% energy saving

Instant start, Flicker-free, UV-free

CE & Rohs certified

3~5 years Warranty

Panel size

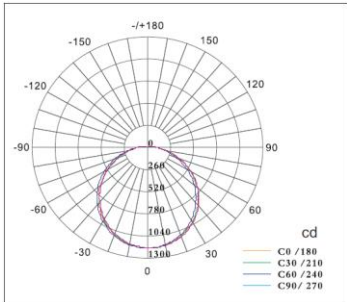


Frameless Edge-Lit LED panel light

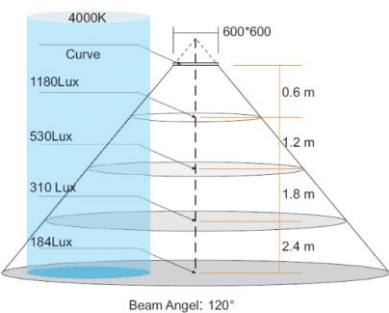
Technical Datas

Model	Color Temp	Size(mm)	Voltage /Current	Power (W)	Lumens (LM)
		L*W*T			
PNL4014-FLIII-300x300-12	2700-6500K	295*295*17.4	DC27-42V 300mA	12W	1200
PNL4014-FLIII-600x300-24	2700-6500K	595*295*17.4	DC27-42V 600mA	24W	2400
PNL4014-FLIII-600x600-36	2700-6500K	595*595*17.4	DC27-42V 900mA	36W /40W	3600 /4000
PNL4014-FLIII-620x620-36	2700-6500K	620*620*17.4	DC27-42V 900mA	36W /40W	3600 /4000
PNL4014-FLIII-1200x300-36	2700-6500K	1195*295*17.4	DC27-42V 900mA	36W /40W	3600 /4000

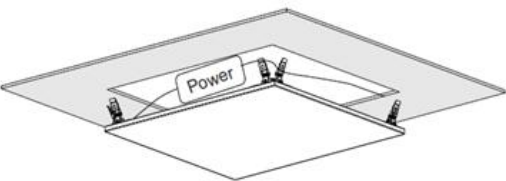
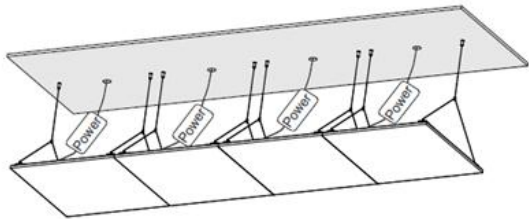
Light Distribution Graph



Illumination Cone Curve



Installation



Flat Edge-Lit LED panel light



Features

- Classic design, Side emitting technology
- Ultra-thin, even light output, up to 130Lm/Watt, CRI>80/90/95
- Aluminum alloy housing, IP40
- Imported acrylic LGP and quality diffuser plate
- Branded LED driver. Instant start, No flickering
- DALI, 0-10V, ,Push, PWM, Triac dimming
- Over 50,000 hours lifetime, Energy saving 50-70%
- UL, CE, TUV & RoHS certified, 3~5 years solid warranty

Technical Datas

Model	Color	Size	Voltage	Power	Lumens
		(mm)	/Current	(W)	(LM)
PNL2835A/B-600x600-36	2700-6500K	595*595*10	DC27-42V 900mA	36/40W	3600/ 4000
PNL2835A/B-620x620-36	2700-6500K	620*620*10	DC27-42V 900mA	36/40W	3600/ 4000
PNL2835A/B-300x600-24	2700-6500K	295*595*10	DC27-42V 600mA	24W	2400
PNL2835A/B-300x300-12	2700-6500K	295*295*10	DC27-42V 300mA	12W	1250
PNL2835A/B-1200x300-36	2700-6500K	1195*295*10	DC27-42V 900mA	36/40W	3600/ 4000
PNL2835A/B-1200x600-36	2700-6500K	1195*295*10	DC27-42V 900mA	55/60W	5500/ 6000

Backlit LED panel light



Features

Direct lighting design – backlit LED, super bright, perfect light effect

Material: FE + PS

3030/4014/2835 SMD LED, CRI>80, Beam angle:120°

High efficiency: 100Lm/W. PF>0.9

Less weight and cost than Edge-lit LED panel

Even light output, flicker free, instant start, 50000 hours lifetime

CE, RoHS compliant

3~5 years solid warranty

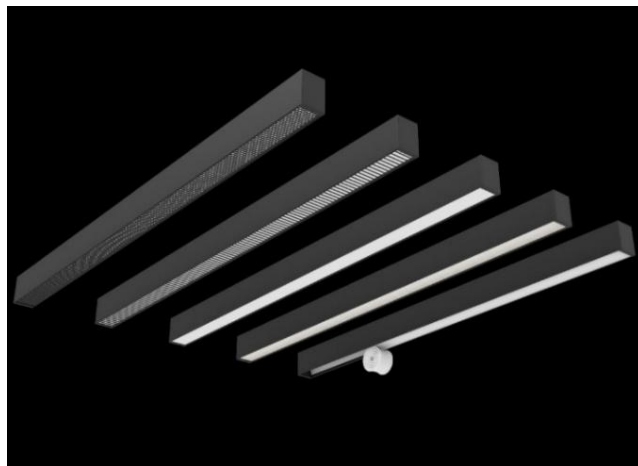
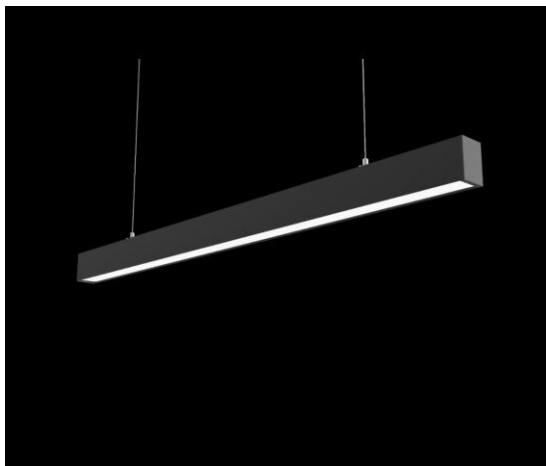
AC200-240V input

Optional: DALI/Triac/0-10V Dimming, CCT switch, UGR<19

Technical Datas

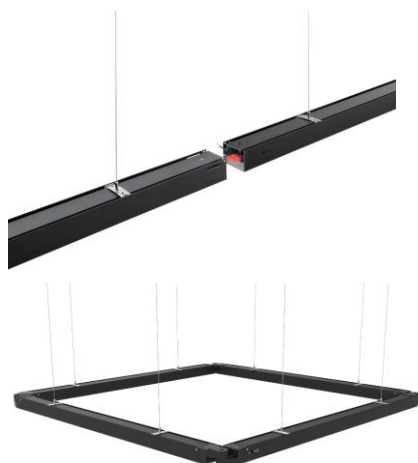
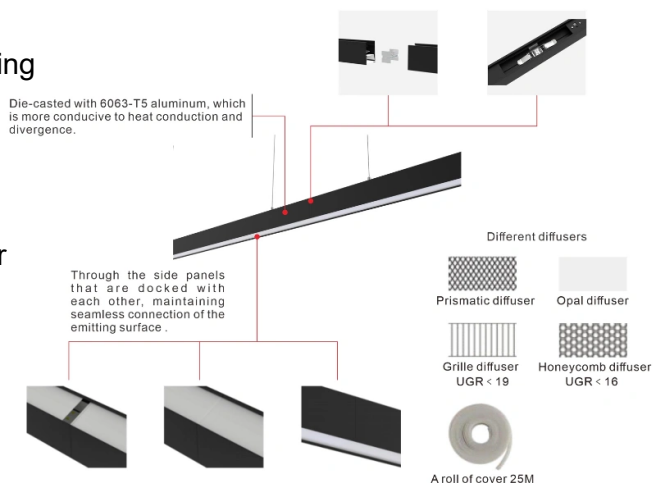
Model	Color	Size	Voltage	Power	Lumens
		(mm)	/Current		
PNL3030BL-300x300-12	2700-6500K	295*295*30	DC36-40V 500mA	20W	2000
PNL3030BL-600x300-24	2700-6500K	595*295*30	DC36-40V 600mA	25W	2500
PNL3030BL-600x600-36/40	2700-6500K	595*595*30	DC36-40V 1000mA	40W	4000
PNL3030BL-1200x300-36/40	2700-6500K	1195*295*30	DC36-40V 1000mA	40W	4000
PNL3030BL-1200x600-55/60	2700-6500K	1195*595*30	DC36-40V 1800mA	60W	6000

LED Linear Light



Features

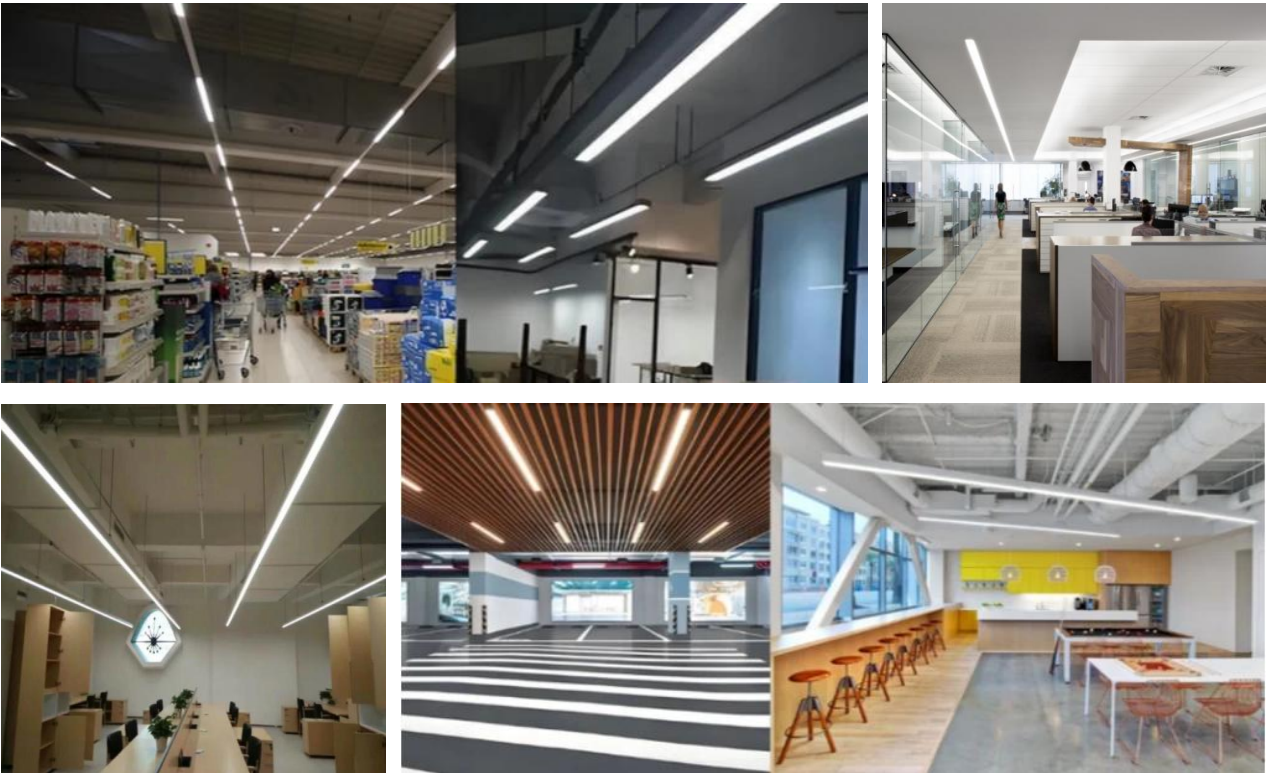
- Linear design, beautiful appearance
- 6063-T5 diecast aluminum: excellent heat sinking
- Precise and uniform light distribution
- 4 CCT tunable, 3 Power mode tunable
- 60 meters Max linkable length
- Prismatic /opal /grille /honeycomb optic diffuser
- DALI/Triac/0-10V dimming optional
- Constant current driver with proved stability
- High efficiency illumination
- Quick and Easy Installation
- CE, RoHS, SAA certified
- 5 years warranty



LED Linear Light

Technical Datas

Model	LED type	Dimension (L*W*H)	Power	Power tunable range (W)	Input voltage	Kelvin Tc(K)	Lumens
LL-AL5070-2FT-20W-P	2835 SMD	570*50*70mm	20±1W	13/16/20	AC100~277V	2700-6500K	2600LM
LL-AL5070-4FT-40W-P	2835 SMD	1130*50*70mm	40±2W	20/30/40	AC100~277V	2700-6500K	5200LM
LL-AL5070-5FT-60W-P	2835 SMD	1410*50*70mm	60±3W	40/50/60	AC100~277V	2700-6500K	7800LM
LL-AL5070-6FT-80W-P	2835 SMD	1690*50*70mm	80±5W	50/65/80	AC100~277V	2700-6500K	10400LM
LL-AL5070-8FT-100W-P	2835 SMD	2250*50*70mm	100±5W	60/80/100	AC100~277V	2700-6500K	13000LM
LL-AL7050-2FT-20W-P	2835 SMD	586*70*51mm	20±1W	13/16/20	AC100~277V	2700-6500K	2000LM
LL-AL7050-4FT-40W-P	2835 SMD	1158*70*51mm	40±2W	20/30/40	AC100~277V	2700-6500K	4000LM
LL-AL7050-5FT-60W-P	2835 SMD	1444*70*51mm	60±3W	40/50/60	AC100~277V	2700-6500K	6000LM



Linkable LED Tri-proof light



Features

Linkable, Seamless connection, Tool free fast connection
CCT & Power adjustable / Sensor / Remoted control
DALI/1-10V / Tuya WIFI / Emergency
Aluminum housing, Fireproof PC cover
IP66/IK08, Waterproof, Dustproof, Corrosion-proof, Humidity-proof
Branded SMD LED, CRI >80, beam angle >120°, <6 SDCM
No decrease of light output in cold areas
50,000 hours lifetime, 3 years warranty, CE,ROHS certified

 WW NW DW Color Changeable	5.8GHz Microwave Sensor	 Intelligent Control
≥0.9 Power Factor	>80 Ra CRI	≥50000 Hrs TM-21(L70)

Technical Datas

Model	LED type	Dimension (L*W*H) mm	Power	Power tunable range (W)	Input voltage	Kelvin Tc(K)	Lumens (Lm)
TP-GENIV-060W20-2835L	2835 SMD	630*74*62 mm	20±2W	13/16/20	AC180-240V	2700-6500K	2400LM
TP- GENIV-120W40-2835L	2835 SMD	1230*74*62 mm	40±2W	20/30/40	AC180-240V	2700-6500K	4800LM
TP- GENIV-150W60-2835L	2835 SMD	1530*74*62 mm	60±2W	40/50/60	AC180-240V	2700-6500K	7200LM



LED Batten light



Features

Aluminum alloy housing, PC Milky cover
Bright & Even light output, Flicker-free
Branded SMD LED, high efficiency, Ra80
50,000 hours lifespan, Energy saving 50-80%
IP44, CE, RoHS, SAA certified
5 years warranty



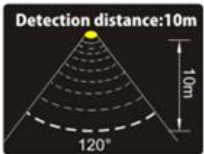
1.Dimmable

★ Brightness adjustable to 100% 50% and 20% by switching off/on



2.Color Temperature Adjustable

★ Color temperature adjustable to warm white, nature white and cool white by switching off/on



3.Microwave Sensor

★ Detection angle:120°
★ Detection distance:10m

Technical Datas

Model	Tube Dimension	Power	Input voltage	Kelvin Tc(K)	Lumens (Lm)
BL-060W20-2835	0.6M(36*80*600)	20±1W	AC100-265V	2700-6500K	2500±50lm
BL-120W40-2835	1.2M(36*80*1200)	40±2W	AC100-265V	2700-6500K	4700±100lm
BL-150W60-2835	1.5M(36*80*1500)	60±5W	AC180-265V	2700-6500K	7200±100lm
BL-180W72-2835	1.8M(36*80*1200)	72±6W	AC180-265V	2700-6500K	8600±100lm

UFO LED High Bay– UA9



Features

- High efficacy up to 190LM/W
- Diecast aluminum, tempered glass/lens
- Lumileds/San'an LED, long-lasting stability
- Bbranded LED driver, Dimming optional
- Maintenance free
- Aluminum or PC reflector optional, IK10/IP65
- CE & RoHS compliant, 5 years warranty



Technical Datas

Model	Power	LED	CCT	Voltage	Lumens	Beam	Dimension
	(W)			/Current	(LM)	Angle	(mm)
HB-100W-UA9	100W	2835	2800-3200K 3750-4250K 4750-5250K 5700-6500K	AC100-277V	190LM/W	60°/90°/120°	ø260*150mm
HB-150W-UA9	150W	2835		AC100-277V	190LM/W	60°/90°/120°	ø300*150mm
HB-200W-UA9	200W	2835		AC100-277V	190LM/W	60°/90°/120°	ø345*150mm



UFO LED High Bay– UX10



Features

- High efficacy: up to 180LM/W
- ADC12 aluminum housing, tempered glass/lens
- Lumileds/San’an LED, high lumen, long-lasting
- Meanwell or other Branded LED driver.
- Aluminum or PC reflector optional
- IK10/IP65 protection, CE & RoHS compliant
- 5 years warranty, Maintenance free



Technical Datas

Model	Power	LED	CCT	Voltage	Lumens	Beam	Dimension
	(W)			/Current	(LM)	Angle	(mm)
HB-100W-UX10	100W	2835	2800-3200K	AC100-240V	150LM/W	60°/90°/120°	Φ230*170mm
HB-150W-UX10	150W	2835	3750-4250K	AC100-240V	150LM/W	60°/90°/120°	Φ282*175mm
HB-200W-UX10	200W	2835	4750-5250K 5700-6500K	AC100-240V	150LM/W	60°/90°/120°	Φ330*183mm



Modular LED High Bay Light (Floodlight)



Features

Philips-Lumileds LEDs, Flip chip technology

Modular design, hot-pluggable, easy onsite maintenance

Honeycomb briquette whole structure cooling technology

Aluminum housing. Double-coupling IP68 protection

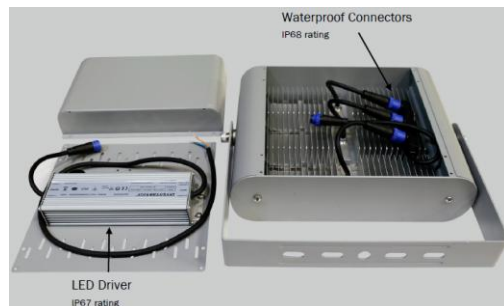
Ergonomic lighting distribution, uniform illuminating effect

Free modular serialization, various power solutions

Can be used as High bay light or Flood light

CE, RoHS, TUV certified

L70 at 50,000 hours. 5 years warranty



Modular LED High Bay Light (Floodlight)

Technical Datas

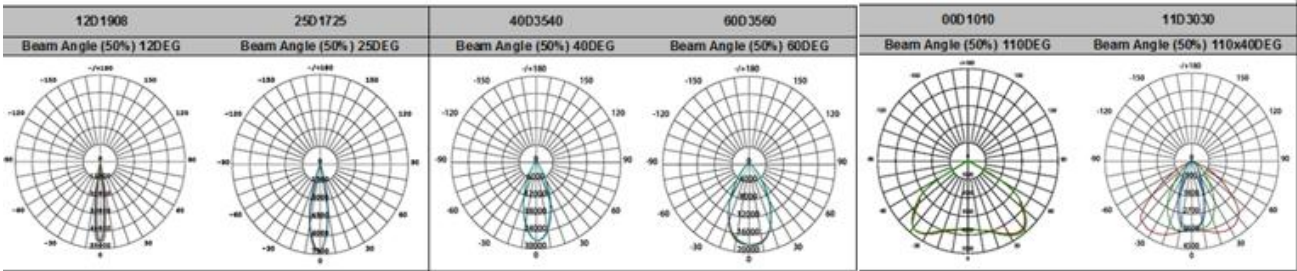
Input Voltage: AC100-240V, 50Hz, THD<20%

Surge Protection: 10KV

Storage Temperature: -40°C ~ +50°C

Working Environment: -40°C ~ +50°C, 10% ~ 90%RH

Model	Power (W)	Luminous Flux (Lm)	Driving Current(mA)	Power Factor	Beam Angle	LED Brand	CCT (K)	CRI
TF2C-1-40W	40	5200	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-1-50W	50	6500	860					
TF2C-1-60W	60	7800	1050					
TF2C-2-80W	80	10400	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-2-100W	100	13000	860					
TF2C-2-120W	120	15600	1050					
TF2C-3-120W	120	15600	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-3-150W	150	19500	860					
TF2C-3-180W	180	23400	1050					
TF2C-4-160W	160	20800	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-4-200W	200	26000	860					
TF2C-4-240W	240	31200	1050					
TF2C-5-200W	200	26000	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-5-250W	250	32500	860					
TF2C-5-300W	300	39000	1050					
TF2C-6-240W	240	31200	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-6-300W	300	39000	860					
TF2C-6-360W	360	46800	1050					
TF2C-7-280W	280	36400	700	0.95	25°, 40°, 60°, 90°	Lumileds Luxeon 3030	3000,4000, 5000,5700	>70
TF2C-7-350W	350	45500	860					

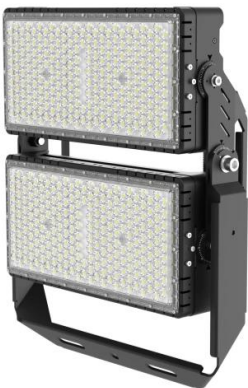


High Mast LED Flood light



Features

- High height with Wide area coverage, super bright
- UV resistant PC lens with 15°~90° light distribution
- IP66 weatherproof, IK10 shock resistance
- Meanwell, Sosen or Inventronics branded driver
- Philips Lumileds 3030 LED, 3000K-6500K CCT
- Up to 1800W, 170Lm/W, CRI Ra>70/80/90, SDCM <5
- 1100 Aluminum alloy housing, fin design
- Easy installation: Bracket angle adjustable
- Auto-dimming by Motion sensors
- Multiple Dimming: DALI, D4i, 0-10V, DMX
- 50,000+ hour lifespan, 5 years solid warranty



Technical Datas

- Beam angle: 15D/20D/30D/40D/60D/90D/Asymmetric Lens 130*30D
- Color temperature: 2700K-3000K, 4000K-4500K, 6000K-6500K
- Mounting location: Wall, Pole, Bracket

Model	Power	Size (mm)	Luminous Flux	Input Voltage	Power Factor	CRI	Ambient Temp.
HML-GEN5-500W	500W	556×407×157	85,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C
HML-GEN5-600W	600W	556×407×157	102,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C
HML-GEN5-1000W	1000W	589×700×178	170,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C
HML-GEN5-1200W	1200W	589×700×178	204,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C
HML-GEN5-1500W	1500W	611×992×187	255,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C
HML-GEN5-1800W	1800W	611×992×187	306,000 lm ±10%	AC100-277V 50/60Hz	PF>0.95	Ra>70	-40°C ~ +50°C

LED Flood light GEN5



Features

- High power up to 600W
- CCT Adjustable: 3000K/4000K/5000K/6500K
- Power Adjustable: 50%-75%-100%
- Daylight sensor: Off during the day, On at night
- Philips Lumileds, 130Lm/W, Ra90
- ADC12 Aluminum alloy housing
- Lens: Highly-transparent UV resistant PC lens
- 4mm Tempered glass,IP66, IK10 shock resistance
- Gear adjustment angle 15°~270°
- 50,000+ hour lifespan, CE & RoHS compliant
- 5 years solid warranty



Technical Datas

- Beam angle: 15°/30°/45°/60°/90°/120°/30°*90°/50°*120°
- Color temp.: 2700K-3000K, 4000K-4500K, 6000K-6500K



Model	Power	LED	Luminous Flux	Input voltage	PF	Dimension(mm)
FL-GEN5-75W	75W	2835	9700LM±10%	AC100-277V	>0.95	330*268*47.5
FL-GEN5-100W	100W	2835	13000LM±10%	AC100-277V	>0.95	330*268*47.5
FL-GEN5-150W	150W	2835	19500LM±10%	AC100-277V	>0.95	412*360*54
FL-GEN5-200W	200W	2835	26000LM±10%	AC100-277V	>0.95	412*360*54
FL-GEN5-250W	250W	2835	32500LM±5%	AC100-277V	>0.95	460*447*54
FL-GEN5-300W	300W	2835	39000LM±10%	AC100-277V	>0.95	460*447*54
FL-GEN5-400W	400W	2835	52000LM±10%	AC100-277V	>0.95	499*480*58
FL-GEN5-500W	500W	2835	65000LM±10%	AC100-277V	>0.95	622*520*62.5
FL-GEN5-600W	600W	2835	78000LM±10%	AC100-277V	>0.95	622*520*62.5

LED Flood Light GEN3



Features

Innovative security clip to prevent glass cover from falling off

Breather design, no water vapor or mist

Bending bracket for easy installing

DOB solution (Driver On Board), longer lifetime, more economical

Super bright 2835 SMD LED, 90lm/W. Beam Angle 120°

ADC12 Aluminum alloy housing+ tempered glass

IP65/IK08, Waterproof & Weatherproof

Anti surge 2KV. Input AC200-240V,50-60Hz

PIR Sensor, Microwave Motion sensor, Photocell light sensor

CCT/brightness dimmable

Anti-acid, anti-corrosion, no UV or IR radiation

50,000H lifespan, low power consumption, Eco-friendly

2 years warranty. CE and RoHS certified.



Technical Datas

Beam angle: 15°/30°/45°/60°/90°/120°/30°*90°/50°*120°

Color temp.: 2700K-3000K, 4000K-4500K, 6000K-6500K

Model	Power	Lumens	PF	IP	G.W/pc	Measurement
FL-10W-GEN3	10W	90LM/W	>0.95	IP65	0.23kg	115*102*25mm
FL-20W-GEN3	20W	90LM/W	>0.95	IP65	0.36kg	150*133*29mm
FL-30W-GEN3	30W	90LM/W	>0.95	IP65	0.56kg	180*157*32mm
FL-50W-GEN3	50W	90LM/W	>0.95	IP65	0.93kg	233*205*40mm
FL-100W-GEN3	100W	90LM/W	>0.95	IP65	1.8kg	318*280*53mm
FL-150W-GEN3	150W	90LM/W	>0.95	IP65	3.2kg	380*324*55mm
FL-200W-GEN3	200W	90LM/W	>0.95	IP65	4.2kg	460*387*55mm

Solar LED Street Light T35/T41



Features

- Quick charging: 5-8H
- MPPT controller + Radar sensor + Time control
- LiFePO4 lithium battery, 3-5 rainy days
- Auto ON/OFF dusk to dawn
- Mono crystal silicon solar panel
- High lumen 3030/5050 LED modules
- Remote wireless Zigbee control available
- Module design
- Working temperature: -20°C~60°C
- 3 years solid warranty

Technical Datas

Model	SSL-T35	SSL-T41
Size	L1250*W350*H150 mm	L1450*W410*H170 mm
Installation Height	8-10 m	10-12 m
Installation Distance	15-20 m	20-25 m
Light Body	Galvanized aluminum	Galvanized aluminum
Power	100 W	150 W
Battery	Lithium battery, 3.2V 80Ah	Lithium battery, 3.2V 120Ah
Solar Panel	5V 80W monocrystalline silicon	5V 110W monocrystalline silicon
Charging Time	5-8 hours (direct sunlight)	5-8 hours (direct sunlight)
Discharge Time	3-5 rainy days	3-5 rainy days
PIR Sensor	10-12 m, 140° angle	10-12 m, 140° angle
LED Chip	SMD3030, 240 pcs, 120-200 lm/W	SMD3030, 288 pcs, 100-200 lm/W
Luminous Flux	>12,000 lm	>16,000 lm
Beam Angle	70° + 140°	70° + 140°
CCT	3000K/4000K/6000K	3000K/4000K/6000K
IP Rating	IP65	IP65
Working Time	12 hours	12 hours



Solar LED Street Light AF389

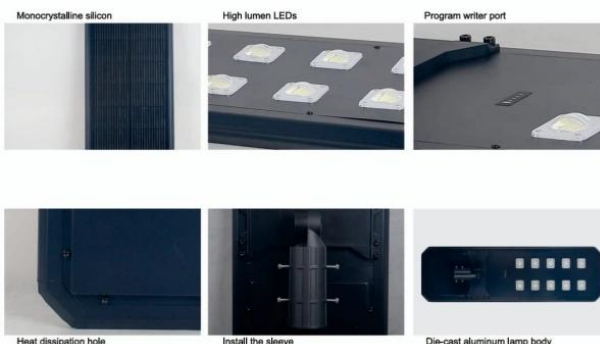


Solar LED Street light



Features

- Seamless design, cordless
- Mono crystal silicon solar panel
- MPPT controller + Radar sensor + Time control
- LiFePO4 lithium battery, 3-5 rainy days
- Auto ON/OFF dusk to dawn
- High lumen 3030/5050 LED modules
- Aluminum Bracket with angle adjustable
- Remote wireless Zigbee control available
- IP65, IK08, Waterproof, Impact Resistant
- Working temperature: -20°C~60°C
- 3 years solid warranty



Technical Datas

Parameter	SSL-AF389A	SSL-AF389B	SSL-AF389C	SSL-AF389D
Size	L986*W389*H65mm	L1281*W389*H65mm	L1551*W389*H65mm	L1826*W389*H65mm
Installation Height	6-7m	8-10m	10-12m	12-15m
Installation Distance	15-20m	20-25m	20-25m	25-30m
Light body	Galvanized Die-cast Aluminum	Galvanized Die-cast Aluminum	Galvanized Die-cast Aluminum	Galvanized Die-cast Aluminum
Power	80W max	100W max	120W max	150W max
Battery	Lithium Battery, 3.2V 60AH	Lithium Battery, 3.2V 75AH	Lithium Battery, 3.2V 105AH	Lithium Battery, 3.2V 120AH
Solar Panel	5V, 60W Monocrystal silicon	5V, 80W Monocrystal silicon	5V, 100W Monocrystal silicon	5V, 120W Monocrystal silicon
Charging time	5-8 Hours Sunlight Directly	5-8 Hours Sunlight Directly	5-8 Hours Sunlight Directly	5-8 Hours Sunlight Directly
Discharge time	3-5 rainy days	3-5 rainy days	3-5 rainy days	3-5 rainy days
PIR sensor	10-12m, 140°	10-12m, 140°	10-12m, 140°	10-12m, 140°
LED Chip	SMD5050 112pcs, 100-160Lm/W	SMD5050 140pcs, 100-160Lm/W	SMD5050 140pcs, 100-160Lm/W	SMD5050 224pcs, 100-200Lm/W
Luminous flux	>8000Lm	>10000Lm	>10000Lm	>15000Lm
Beam angle	70°+140°	70°+140°	70°+140°	70°+140°
CCT	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K
IP degree	IP65	IP65	IP65	IP65
Working time	12 hours	12 hours	12 hours	12 hours

Solar LED Street Light T300



Features

- Quick charging: 5-8H
- MPPT controller + Radar sensor + Time control
- LiFePO4 lithium battery, 3-5 rainy days
- Auto ON/OFF dusk to dawn
- Mono crystal silicon solar panel, efficiency >22%
- High lumen 3030/5050 LED modules
- Remote wireless Zigbee control available
- Module design: easy maintenance
- Working temperature: -20°C~60°C
- 3 years solid warranty



Installation style 1

Installation style 2

Technical Datas

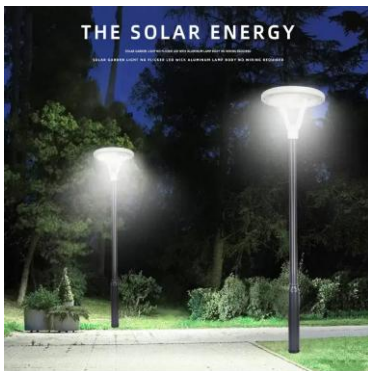
Parameter	SSL-T300A	SSL-T300B	SSL-T300C
Size	L755*W300*H125mm	L885*W300*H125mm	L1135*W300*H125mm
Installation Height	5-6m	5-7m	6-8m
Installation Distance	10-15m	15-20m	20-25m
Light body	Galvanized Die-cast Aluminum	Galvanized Die-cast Aluminum	Galvanized Die-cast Aluminum
Power	40W max	50W max	80W max
Battery	Lithium Battery, 3.2V 45AH	Lithium Battery, 3.2V 60AH	Lithium Battery, 3.2V 75AH
Solar Panel	5V, 40W Monocrystal silicon	5V, 50W Monocrystal silicon	5V, 60W Monocrystal silicon
Charging time	5-8 Hours Sunlight Directly	5-8 Hours Sunlight Directly	5-8 Hours Sunlight Directly
Discharge time	3-5 rainy days	3-5 rainy days	3-5 rainy days
PIR sensor	10-12m, 140 degrees angle	10-12m, 140 degrees angle	10-12m, 140 degrees angle
LED Chip	SMD3030 96pcs, 90-200Lm/W	SMD3030 144pcs, 100-200Lm/W	SMD3030 192pcs, 90-200Lm/W
Luminous flux	>3600Lm	>5400Lm	>7200Lm
Beam angle	70°+140°	70°+140°	70°+140°
CCT	3000K/4000K/6000K	3000K/4000K/6000K	3000K/4000K/6000K
IP degree	IP65	IP65	IP65
Working time	12 hours	12 hours	12 hours

Solar LED Garden light



Features

- Solar charging
- Light sensor + Radar sensor
- Monocrystalline silicon solar panel
- Intelligent MPPT controller
- IP65 waterproof
- Die-cast Aluminum light body
- Anti-UV PC lampshade
- Working Temperature: -30-60°C
- 3 years warranty



Technical Datas

Model	Size	Pole Dia.	Light Source	Battery	Solar Panel	CCT	Working Time	Charging Time
SGL-505	Φ505×H340mm	Φ75mm	SMD LED 3535, 150 lm/W	3.2V / 45Ah	5V / 35W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-485	Φ485×H125mm	Φ75mm	SMD LED 3535, 150 lm/W	3.2V / 40Ah	5V / 25W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-435	Φ435×H156mm	Φ65mm	SMD LED 3535, 150 lm/W	3.2V / 25Ah	5V / 20W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-395	Φ395×395×340mm	Φ80mm	SMD LED 3535, 150 lm/W	3.2V / 30Ah	5V / 30W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-540	Φ540×H340mm	Φ80mm	SMD LED 3535, 150 lm/W	3.2V / 45Ah	5V / 35W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-P500	Φ500×H170mm	Φ75mm	SMD LED 5050, 180 lm/W	3.2V / 30Ah	5V / 30W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-P600	Φ600×H170mm	Φ75mm	SMD LED 5050, 180 lm/W	3.2V / 45Ah	5V / 45W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-P720	Φ720×H180mm	Φ75mm	SMD LED 5050, 180 lm/W	3.2V / 60Ah	5V / 60W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-400	400×400×335mm	Φ75mm	SMD LED 3535, 150 lm/W	3.2V / 30Ah	5V / 25W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-545	Φ545×H330mm	Φ75mm	SMD LED 3535, 150 lm/W	3.2V / 30Ah	5V / 25W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-R500	Φ500×H170mm	Φ75mm	SMD LED 5050, 180 lm/W	3.2V / 40Ah	5V / 30W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-R600	Φ605×H170mm	Φ75mm	SMD LED 5050, 180 lm/W	3.2V / 60Ah	5V / 50W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-RG600	608×229×136mm	Φ64mm	SMD LED 3535, 150 lm/W	3.2V / 10Ah	5V / 15W	3000K / 4000K / 6000K	12 hours	4-5H
SGL-HM670	Φ670×H55mm	Φ75mm	SMD LED 3535, 150 lm/W	3.2V / 100Ah	5V / 50W	3000K / 4000K / 6000K	12 hours	4-5H

Solar LED Lawn light



Features

- Monocrystal Silicon solar panel
- Light sensor+Time control+Intelligent controller
- Quick charging 5-8 hours
- Auto ON at dawn, Auto OFF at night
- Lithium battery, sustains 3-5 rainy days
- Super bright LED
- Die-cast Aluminum light body
- No wiring or tools needed. Cordless
- IP65 Waterproof and weatherproof
- 3 years warranty

Technical Datas



Model	Size	Lamp Pole Height	Flange	LED Chip	Battery	Solar Panel	CCT	Working Time	Charging Time
SLL-1	195*195*175mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 5W / 8W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-2	Φ205*175mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 5W / 8W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-3	185*185*150mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 5W / 8W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-4	Φ230*145mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 5W / 8W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-5	265*190mm	—	Φ110mm	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 5W / 8W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-6	120*120mm	340mm / 600mm / 800mm	—	SMD 3030/3535, 150lm/W	3.7V 4400mAh	5V 3W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-7	250*175mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 160lm/W	3.7V 4400mAh	5V 5W	3000K / 4000K / 6000K	12 hours	5-8H
SLL-8	250*175mm	340mm / 570mm / 800mm	Φ110mm	SMD 3030/3535, 160lm/W	3.7V 4400mAh	5V 5W	3000K / 4000K / 6000K	12 hours	5-8H

Solar LED Deck light



Features

- Elegant Design
- High efficiency polycrystalline solar panel
- Branded SMD2835 LED, 50,000 hours lifetime
- Lighting sensor: Auto ON/OFF
- Easy to Use: Charge 4-6H and last 10-16H
- 3M tape on back or with screws
- High strength PC, Pressure Resistant
- Shock and vibration resistant
- IP68 Waterproof, Corrosion, Rust resistance



Technical Datas

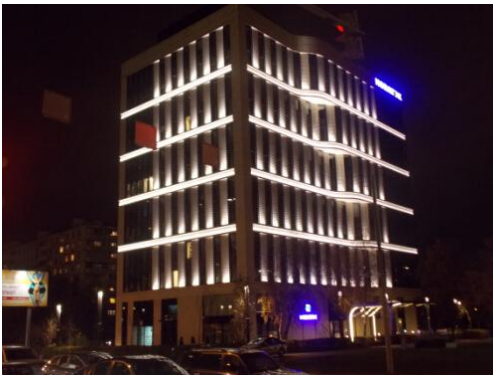
Size	Luminous Flux	Light Color	Solar Panel	Battery	Charging	Discharge	CRI
D110*H22mm	DC1.2V 30lm	Warm White / Blue	2.0V 400mA	NI-MH 1000mA 1.2V	4-6H	10-16H	Ra≥80
D110*H22mm	DC1.2V 30lm	Warm White / Blue	2.0V 400mA	NI-MH 1000mA 1.2V	4-6H	10-16H	Ra≥80
L150W42H22mm	DC1.2V 30lm	Warm White / Blue	2.0V 260mA	NI-MH 1000mA 1.2V	4-6H	10-16H	Ra≥80

LED Wall Washer Light – Facade lighting



Features

- Integrated waterproof structure, resin free sealing
- IP67 protection, corrosion resistant, vapor free, mist free
- Integrated heat sinking design, higher heat conductivity
- 6063 Aluminum profile light body with anodized surface
- Tempered glass, impact resistant, 93% high light transmission rate, Anti-Glaring
- Branded 2835 LED, PMMA lens, Bright and uniform light output with true colors
- Color: Seven static single color, seven color changing, jumping, fading, chasing
- RGB Control mode: internal control or DMX512 External control
- Stainless steel bracket, angle adjustable
- Fast installation. Anti-aging rubber wire
- Stainless steel screw, rust and acid resistant.
- Input Voltage: AC100-240V, 50/60Hz
- Ambient Temperature: -30°to 60°
- Life Span: > 50,000 hours
- 2~5 years warranty, CE and RoHS certified



Technical Datas

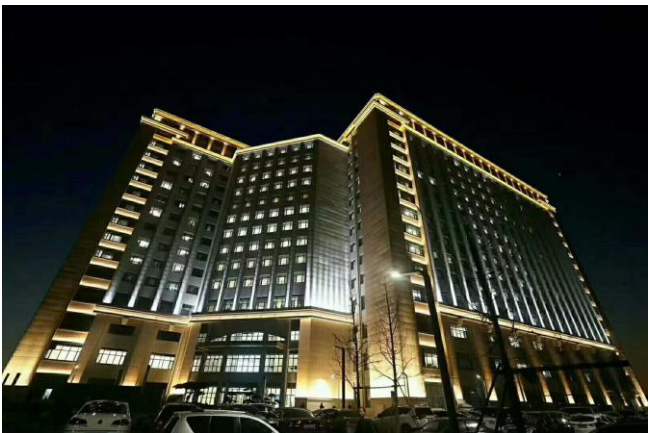
Model	Power	Viewing	Voltage	Dimension(mm)	IP	Color
WW-18/24W-24-X18MN1	18W/24W	30°,10°45°,60°,10°60°	DC24V/AC224V	1000*65*45	IP67	RGB/RGBW/WW/CW
WW-18/24/36/48/54W-24-X15CY1	18W/24W/36W/48W/54W	20°,30°,45°,60°,10°60°	DC24V/AC224V	1000*65*45	IP67	RGB/RGBW/WW/CW
WW-18/24W-24- X15BF3	18W/24W	15°,30°,45°,60°,10°60°	DC24V/AC224V	1000*72*30	IP67	RGB/RGBW/WW/CW
WW-36/48W-24- X16BF3	36W/48W	15°,30°,45°,60°,10°60°	DC24V/AC224V	1000*98*30	IP67	RGB/RGBW/WW/CW

Mini size LED Wall Washer – Facade lighting - XLT Series



Features

- Mini sized 6063 Aluminum profile with Anodized surface
- Integrated heat sinking design, 60-80% higher thermal conductivity
- PMMA lens with 93% high light transmission rate
- IP66 Integrated waterproof design, Waterproof Potting Compound
- Corrosion resistant, vapor free, mist free
- Branded 2835 LED, 65536 gray levels, 16.7 million R/G/B synthetic real-color
- Color: Seven static single color, seven color changing, jumping, fading, chasing
- RGB Control mode: internal control or External control by DMX512 controller
- Mounting bracket angle adjustable
- Fast installation. Anti-aging rubber wire
- Input Voltage: AC100-240V, 50/60Hz
- Ambient Temperature: -30°to 60°
- Life Span: > 50,000 hours
- 2 years warranty, CE & RoHS certified



Technical Datas

Model	Power	Viewing	Voltage	Dimension(mm)	IP	Color
WW-10W/12W/15W-24-XLT23GY2	10W/12W/15W	120°	DC24V/DC48V	1000*20*26mm	IP66	RGB/RGBW/WW/CW
WW-10W/12W/15W/18W-24-XLT18GY	10W/12W/15W/18W	120°	DC24V/DC48V	1000*27*27mm	IP66	RGB/RGBW/WW/CW
WW-10W/12W/15W-24-XLT14HY	10W/12W/15W	120°	DC24V/DC48V	1000*30*28mm	IP66	RGB/RGBW/WW/CW
WW-10W/12W/15W-24-XLT15MIN3	10W/12W/15W	120°	DC24V/DC48V	1000*20*15mm	IP66	RGB/RGBW/WW/CW

LED Digital tube light – Facade lighting



Features

- Mini sized 6063 Aluminum profile with Anodized surface
- Integrated heat sinking design, 60-80% higher thermal conductivity
- Acrylic tube or PC tube with 93% high light transmission rate
- IP66 Integrated waterproof design, Waterproof Potting Compound
- Even light output, seamless connection
- Branded 2835 LED, 65536 gray levels, 16.7 million R/G/B synthetic real-color
- Color: Seven static single color, seven color changing, jumping, fading, chasing
- RGB Control mode: internal control or External control by DMX512 controller
- Fast installation. Bracket angle adjustable
- Input Voltage: AC100-240V, 50/60Hz
- Ambient Temperature: -30°to 60°
- Life Span: > 50,000 hours
- 2 years warranty, CE & RoHS certified



Technical Datas

Model	Power	Viewing	Voltage	Dimension(mm)	IP	Color
WW-12W/15W-24-XSMG17BY	12W/15W	120°	DC24V/DC48V	1000*23*40mm	IP67	RGB/RGBW/WW/CW
WW-12W/15W-24-XSMG17CH2	12W/15W	120°	DC24V/DC48V	1000*33*52mm	IP66	RGB/RGBW/WW/CW
WW-12W/15W-24-XSMG22XX	12W/15W	120°	DC24V/DC48V	1000*18*43mm	IP66	RGB/RGBW/WW/CW
WW-12W/15W-24-XSMG25FY	12W/15W	120°	DC24V/DC48V	1000*39*55mm	IP66	RGB/RGBW/WW/CW
WW-12W/15W-24-XSMG25XJL	12W/15W	120°	DC24V/DC48V	1000*21*38mm	IP66	RGB/RGBW/WW/CW

Point light source LED lamp – Facade lighting



Features

- Die-casting Aluminum alloy base, durable
- High strength engineering PC cover with 90% high transmission rate
- IP66 Integrated waterproof design. Anti-aging rubber wire
- Branded LED, Bright and uniform light output with true colors
- 7 static single color, 7 color changing, jumping, fading, chasing
- RGB Control mode: internal control or DMX512 External control
- 65536 gray levels, 16.7 million R/G/B synthetic real-color images
- Fast installation. AC100-240V 50/60Hz Input
- Ambient Temperature: -30°to 60°
- Life Span: > 50,000 hours
- 2 years warranty, CE and RoHS certified



Technical Datas

Model	Power	Viewing	Voltage	Dimension(mm)	IP	Color
WW-3W/5W-24-XDGY15JY	3W/5W	120°	DC24V/DC48V	Φ105*55mm	IP67	RGB/RGBW/WW/CW
WW-5W/7W/9W-24-XDGY15HZ	5W/7W/9W	120°	DC24V/DC48V	Φ120*75mm	IP67	RGB/RGBW/WW/CW
WW-5W/7W/9W-24-XDGY15MC	5W/7W/9W	120°	DC24V/DC48V	120*120*70mm	IP67	RGB/RGBW/WW/CW
WW-1.5W/2.25W-24-XDGY15JL	1.5W/2.25W	120°	DC24V/DC48V	52*40*17mm	IP66	RGB/RGBW/WW/CW

LED Tree/Column Hug light



LED Corrugated Tile light



LED Spot light



LED Ground Buried Light



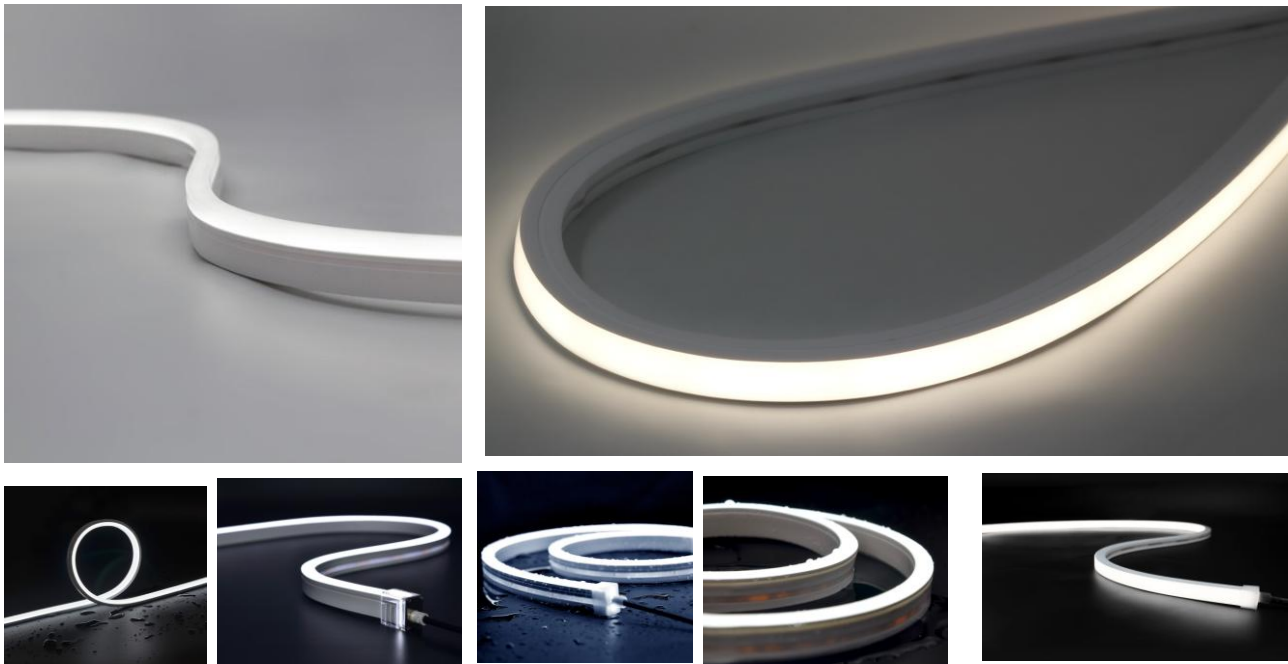
LED Underwater Light



LED Wall Light



LED Neon Light



Features

- Seamless, dot free, uniform light output
- Bendable at vertical direction
- High CRI Ra>90
- IP67/IP68 protection
- Robust housing with high quality silicon
- UV proof for true outdoor application
- Easy installation, Cuttable for flexible use
- Optional: 3D Free bending, 360° Neon light

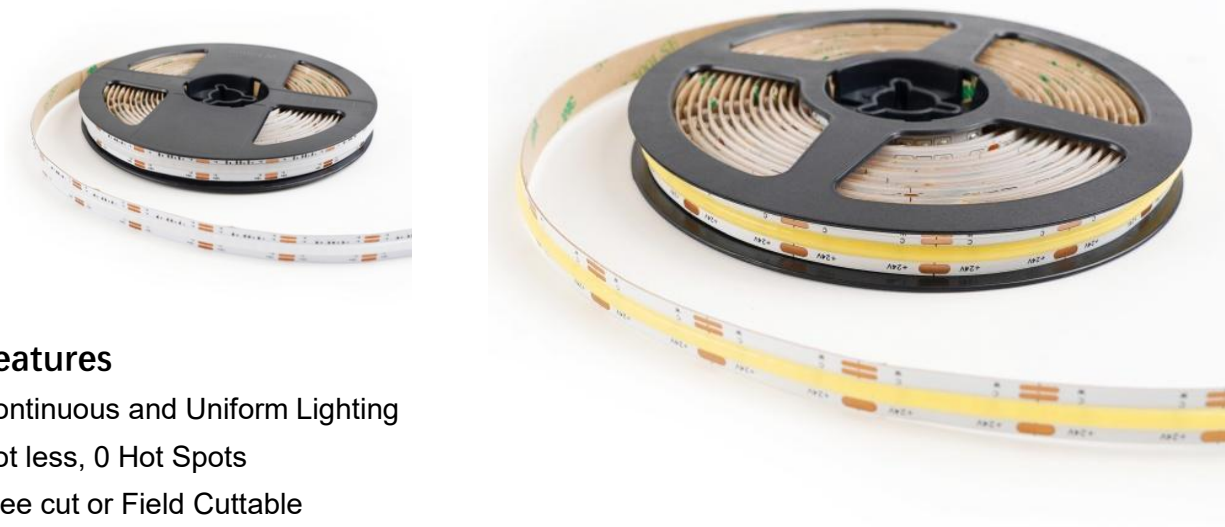


Technical Datas

CCT: 2200K/2400K/2700K/3000K/4000K/5000K/6000k/RGB/RGBW

Model No.	LED	CRI	Size / reel (mm, L*W*H)	Min. Cut Length (mm)	Bend Diameter (mm)	Volt (V)	Power (W)	IP degree	Lumens /meter
FE0606-24-6W	2835	>90	5000*6*6	25mm	50mm	24V	6W	IP67	390
FE1010-24-10W	2835	>90	5000*10*10	25mm	100mm	24V	10W	IP67	880
3 Sides Emitting FE1010-24-10W	2835	>90	5000*10*10	35.7mm	100mm	24V	10W	IP67	880
FE1212-24-10W	2835	>90	5000*12*12	50mm	200mm	24V	10W	IP67	700
FE1615-24-15W	2835	>90	5000*16*15	50mm	200mm	24V	15W	IP67	820
FE2016-24-15W	2835	>90	5000*20*16	50mm	200mm	24V	15W	IP67	920
FE3020-24-15W	2835	>90	5000*30*20	50mm	200mm	24V	24W	IP67	1450

COB LED Strip Light



Features

- Continuous and Uniform Lighting
- Dot less, 0 Hot Spots
- Free cut or Field Cuttable
- Daisy Chainable, Easily Configurable
- SDCM≤3 to ensure color consistency
- 180°beam angle offers uniform lighting

Technical Datas

CCT: 2200K/2400K/2700K/3000K/4000K/5000K/6000k/RGB

Part Number	LED qty per meter	PCB Width	Cuttable Length	Volt (V)	Power (W/M)	Lumens /meter
Neon + Strip Combined NCOBNS-24-160-8-5W	160	8mm	50mm	24V	5	550
Neon + Strip Combined NCOBNS-24-160-8-10W	160	8mm	50mm	24V	10	1100
Neon + Strip Combined NCOBNS-24-280-10-5W	280	10mm	25mm	24V	5	450
Neon + Strip Combined NCOBNS-24-280-10-10W	280	10mm	25mm	24V	10	900
COB 480LED/M NCOBmini-12/24-480-10-5W	480	10mm	Free Cut	12/24V	5	310
COB 480LED/M NCOBmini-12/24-480-10-10W	480	10mm	Free Cut	12/24V	10	620
COB 480LED/M NCOBmini-12/24-480-10-15W	480	10mm	Free Cut	12/24V	15	930
10Meter/run COB LED strip NCOBCC-24-560-10-5W	560	10mm	50mm	24V	5	390
15Meter/run COB LED strip NCOBCC-24-480-10-9W	480	10mm	50mm	24V	10	775
30Meter/run COB LED strip NCOBCC-48-480-10-9W	480	10mm	50mm	48V	10	775
CCT Tunable 576LED/M NCOBCCT-24-576-10-10W	576	10mm	27.78mm	24V	10	1100
CCT Tunable 576LED/M NCOBCCT-24-576-10-15W	576	10mm	27.78mm	24V	15	1600

SMD LED Strip Light



Features

- Super bright, 90~155Lm/W
- Color consistency: LM79, Max. 2 SDCM MacAdam
- 2835/3528/5050 SMD LED, COB LED, CRI>80/95
- Protection: IP65, IP67, IP68
- DALI, 0~10V and DMX dimmable
- 50,000 hours lifetime
- Instant start, no flickering
- 3 years warranty. CE & RoHS compliant

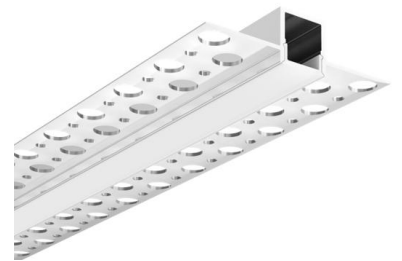
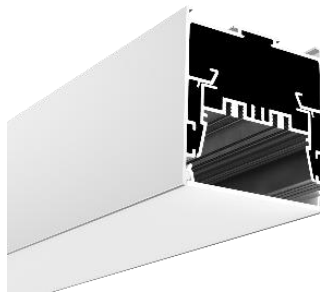
Technical Datas

CCT: 2200K/2400K/2700K/3000K/4000K/5000K/6000k/RGB/RGBW



Part Number	Color	Size / reel	LEDs/M	Volt (V)	Power (W)	Lm/M
		(mm)				
2835WW-12/24-60	2700K-6000K	5000*10*1.5	60	12/24V	14.4	1170
2835WW-24-120	2700K-6000K	5000*10*1.5	120	24V	28.8	2600
2835WW-24-240	2700K-6000K	5000*12*1.5	240	24V	57.6	5200
3528WW-12/24-60	2700K-6000K	5000*8*2.2	60	12/24V	4.8	390
3528WW-12/24-120	2700K-6000K	5000*8*2.2	120	12/24V	9.6	780
5050WW-12/24-30	2700K-6000K	5000*10*2.2	30	12/24V	7.2	590
5050WW-12/24-60	2700K-6000K	5000*10*2.2	60	12/24V	14.4	1170
5050WW-12/24-120	2700K-6000K	5000*28*2.2	120	12/24V	28.8	2650

Aluminum Profile



Features

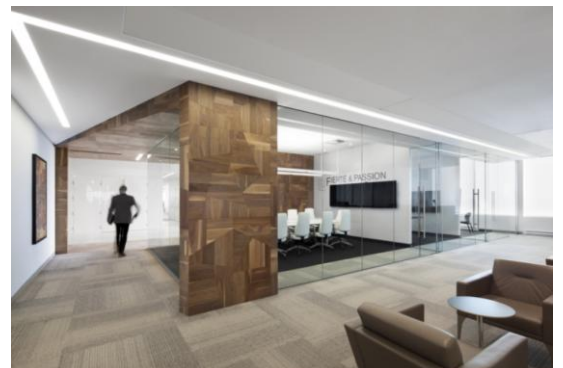
Fit LED flexible strips of any width, 8mm,10mm,15mm...

Anodized extrusion aluminum, strong protection

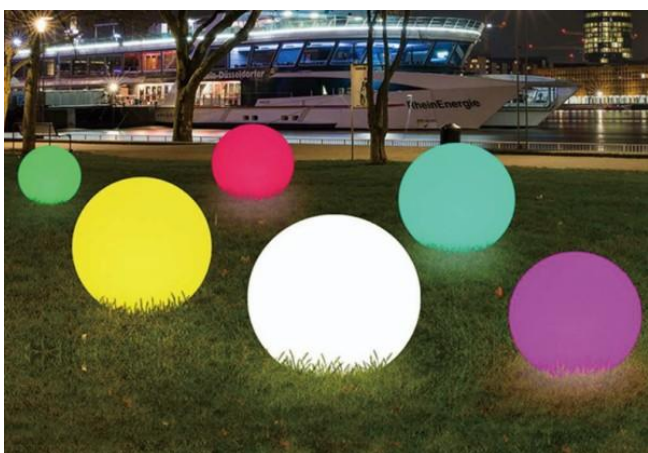
Full kit: PMMA/PC Diffusers, End Caps and Mounting Clips

Standard length: 1m, 2m, 2.5m.

Customizable to any length or cut at 45° angles for installing into corners



LED Decorative light



Click to check more details : <https://www.haichanglight.com/download/>

Accessory

Power supply brand

BOKE LIFUD SOSEN MOSO Meanwell Philips Inventronics

Controller and Dimming brand

LTECH EUCHIPS



INNOVATIVE

PERFORMANCE

AFFORDABLE

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