FIWE STAR

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Our vision:
Become one of the mainstream lighting suppliers in the world

Our vision:
Become one of the mainstream lighting suppliers in the world

Our mission:
Bringing Color to the World Lighting

Wherever

you go...

Street and road luminaires of the chinese manufacturer FSD Lighting represent modern solutions, energy efficiency, durability and safety. They provide both effective and eye catching lighting.

Our luminaires are characterised by:

- Excellent quality at a competitive price
- Design developed by our own R&D department
- Efficiency up to 170 lm/W
- Power range from 25w to 1800 W
- Luminous flux range from 1,500 to 25,200 lm
- Very high IP66 ingress protection
- Wide range of light distribution

COMPANY PROFILE

Zhengzhou five star Lighting Co., Ltd. is a professional and comprehensive LED lighting solution provider in China, engaged in the design, R&D, manufacturing, sales and service of outdoor LED lighting products, covering industrial lighting, commercial lighting, intelligent lighting and other fields.

The department of international commerce is located in Zhengzhou, has 500 square meters and 30 employees. the manufacturing department was established in 2012. The factory is located in Shenzhen and Zhongshan and other places, with about 5500 square meters and 150 employees.

Our products have passed CCC, FCC, UL, SAA, CE, RoHS, and many other international quality system certifications. At present, our products have been exported to more than 70 countries in North America, South America, Europe, the Middle East, Africa, Southeast Asia, etc., and have been unanimously recognized by customers.

In addition, we are also committed to integrating China's top qualified manufacturers to provide various customized lighting products to meet the different needs of customers. We adhere to the principle of mutual benefit and help our customers gain market leadership with professional services, high-quality products and competitive prices.

Whether you need any of our products or are looking for help with engineered lighting, please feel free to contact us. Looking forward to cooperating with you and presenting satisfactory products for you!

“ LED Street Light”

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-G7

High efficiency 130lm/w, 150lm/w, 170lm/w available

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 50000h
Warranty: 5years

Model type	Beam angle	Colour temperature	Efficiency
FSD-G7	60/90/120	2800K-6000K	120-170lm/w

FSD-G7

0/1-10v dimming, microwave sensor, daylight sensor available

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 50000h
Warranty: 5years

Color of product

IP65 CE FC RoHS

Model type	Beam angle	Efficiency	Colour temperature
FSD-G7	60//90/120°	120-170lm/w	2800-6000k

FSD-G6

Best waterproof Ip66 automatic

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 20000h
Warranty: 5years

Model type	Beam angle	Efficiency	Colour temperature
FSD-G6	60//90/120°	120-170lm/w	2800-6000k

FSD-G6

Hihighway lighting system dimmable

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 20000h
Warranty: 5years

Model type	Beam angle	Efficiency	Colour temperature
FSD-G6	60//90/120°	120-170lm/w	2800-6000k

FSD-G6

Patent Professional Black With Light Sensor

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 20000h
Warranty: 5years

Model type	Beam angle	Efficiency	Colour temperature
FSD-G6	60//90/120°	120-170lm/w	2800-6000k

FSD-G6

Smart Led Street Light Ip66

Material: ADC12/Alu
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 20000h
Warranty: 5years

Model type	Beam angle	Efficiency	Colour temperature
FSD-G6	60//90/120°	120-170lm/w	2800-6000k

" Solar Light "

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-YXR

Remote control distance up to 15 meters

Working Time : 12-15 hours (5-7 rainy days)
Battery: Built-in large capacity LifePO4 battery
Material: Imported high-efficiency monocrystalline silicon
Control Mode: Time control + Microwave induction or Infrared induction
Warranty: 3years

Color of product

IP65 CE FC RoHS

Model type	LED Type	Colour temperature	Efficiency
FSD-YXR	5050	2700K-6500K	120-180lm/w

FSD-HT

Intelligent charge and discharge controller

CRI (Ra>): 70
Lifespan: 50000hours
LED Light Source: epistar
Mounting height(m): 4-5
IP Rating: IP65

Model type	Input Voltage	Working Time	Lamp Body Material
FSD-HT	DC12V	20000hours	Aluminum Alloy

FSD-HT2

Remote control all in one solar automatic light

CRI (Ra>): 70
Lifespan : 50000hours
IP Rating: IP65
Remote Control:2-6 meters
Lithium Battery: 3.2V/5AH,3.2V/10AH,3.2V/15AH

CE FC RoHS

Model type	Input Voltage	Working Time	Lamp Body Material
FSD-HT2	DC12V	10-12hours	ABS

(anti-corrosion, anti ultraviolet)

FSD-SD

Wind and photovoltaic hybrid power

Material: Alu + glass
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 60000h
Warranty: 5years

Model type	Beam angle	Efficiency	Colour temperature
FSD-SD	60/90/120°	120-170lm/w	2800K-6000K

FSD-SD

Hot dip galvanizing + electrostatic coating pole

Material: Alu + glass
Led light source: Philips 3030
Led driver: Meanwell/sosen
Life span: 60000h
Warranty: 5years

IP65 CE FC RoHS

Model type	Beam angle	Efficiency	Colour temperature
FSD-SD	60/90/120°	120-170lm/w	2800K-6000K

FSD-HT3

Intelligent remote control, light operated

Solar Panel: 10V/50w
SMD Chip: San'an 5730
Battery: 6.4v/25AH/10 batteries
Charge and discharge times: ≥1200times
Service life: 2 years for battery,3-5years for solar panel

IP65 CE FC RoHS

Model type	Packaging	Charging	IP Rank
FSD-HT3	19.5kg/CTN	4-6hours	IP65-IP67

(anti-corrosion, anti ultraviolet)

" LED Flood Light "

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-GLT

0/1-10V dimming,time control

IP Rank: IP66
Warranty: 5years
Lens: Glare free lens
Color: Matte black,Silver grey,other colors customizable
LED Driver: Able to match Meanwell and other mainstream drivers in the market

Model type	LED Type	Efficiency	Colour temperature
FSD-GLT	Lumileds 3030/5050	120-150lm/w	2800-6500k

FSD-GLT

Good heat dissipation, long lifespan

IP Rank: IP66
Warranty: 5years
Power: 10-350W (Customized)
Beam angle: 30°/60°/90°/120°/T2M/T3M
Cover: Good heat dissipation, long lifespan, excellent corrosion-proof

IP65 CE FC RoHS

Model type	LED Type	Efficiency	Colour temperature
FSD-GLT	Lumileds 3030	120lm/w	3000-6500k

FSD-GLT

Patent private mould,integrated die-casting AL

CRI: Ra>80
IP Rank: IP66
Warranty: 5years
Lens angle: 7°/15°/30°/60°/90°/120°/T2M/T3M/T4M
Cover: Good heat dissipation, long lifespan,excellent corrosion-proof

CE FC RoHS

Model type	LED Type	Efficiency	Colour temperature
FSD-GLT	3030/5050	100-150lm/w	3000-6000k

FSD-GLT

0/1-10V dimming, microwave sensor, daylight sensor available

PF: >0.9
THD: ≤15%
Warranty: 5years
Luminous Flux: 6750LM±10%, 13500LM±10%
Lens Angle: 15°/30°/60°/90°/120°/T2M/T3M/30*90°/50*120°for option

Model type	LED Type	Efficiency	Colour temperature
FSD-GLT	2835	140lm/w	3000-6000k

“ High bay Light ”

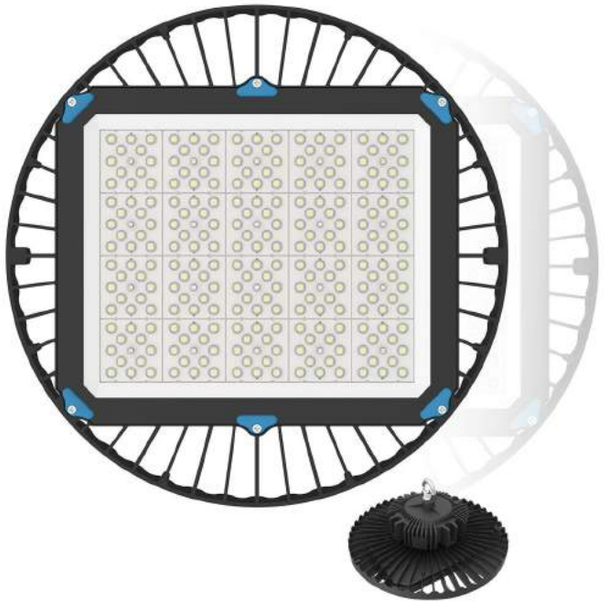
Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-S1

Glare-free design, UGR<25

Material: Aluminum
Led Light Source: PCT 3030
Led Driver: Meanwell/sosen
Life Span: 50000h
Warranty: 5years



Model type	Beam angle	Colour temperature	Efficiency
FSD-S1	60/90	2800K-6000K	120-150lm/w

FSD-GLT

1-10V dimmable, microwave sensor available

IP Rank: IP65
Power(w):100-240
Voltage: AC100V-240V 50/60HZ
Warranty: 5years
Luminous Flux: 12000LM ±5% , 18000LM ±5%, 4000LM ±5%, 28800LM ±5%

Model type	LED Type	Efficiency	Colour temperature
FSD-GLT	Lumileds 3030/5050	120-130lm/w	2800-6500k

YXR-UFOB

ZigBee pwm 0/1~10v micro-wave available

Surge Protection: 4KV
Led Light Source: San'an 2835
Led Driver: Able to match Meanwell and other mainstream drivers in the market
Life Span: 50000h
Warranty: 5years

Model type	Beam angle	Colour temperature	Thermal Conductivity
YXR-UFOB	60°/90°/120°	2800K-6500K	96 W/m·K

YXR-UFOF

ZigBee pwm 0/1~10v micro-wave available

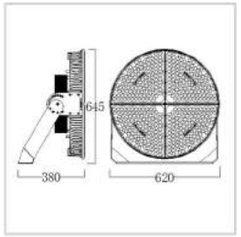
Surge Protection: 6KV
Led light source: LUMILEDS 3030
Led driver: Able to match Meanwell and other mainstream drivers in the market
Life span: 50000h
Warranty: 5years

Model type	Beam angle	Colour temperature	Input voltage
YXR-UFOF	60°/90°/130°	3000K-6500K	AC100-305V 50-60Hz

FSD-QC

Meanwell LED driver AC 100-305v

Material: Aluminum+PC
Led Type: LUMILEDS 5050
Led driver: Meanwell
Life span: 50000h
Warranty: 5years



IP65 CE FC RoHS

Model type	Beam angle	Colour temperature	Efficiency
FSD-QC	10/25/45/60°	3500K-6500K	120-170lm/w

YXR-A

IP54 with PC cover, free of dust and small splash water

Surge Protection: 6KV
Led light source: San'an/Lumileds 3030
Led driver: Able to match Meanwell and other mainstream drivers in the market
Life span: 50000h
Warranty: 5years

Model type	Beam angle	Colour temperature	Efficiency
YXR-A	45°/60°/90°/120°	2800K-6500K	120lm/w

" Solar Garden Light"

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-HY

Automatically and brightness sensing

Material: ABS + PC
Solar Panel: Polycrystalline sillicon
Light Source: SMD2835 LED
Working Temperature(℃): -20 - 60
Working Time: 6-12hours

Model type	Life span	Colour temperature	Warranty
FSD-HY	50000h	2500k-7000k	1years

FSD-CP

Like flower basket in the garden

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 50LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-CP	580*540*375mm	0.5kg	Intelligent light control

FSD-TY

Bright and warm the pathway garden night

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 16LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-TY	130*650mm	0.47kg	Intelligent light control

FSD-QY

New style and new design for night lighting

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 16LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

CE FC RoHS

Model type	Product size	G.W	Function
FSD-QY	135*780mm	1.1kg	Intelligent light control

FSD-SD

Mutil-function and single-end

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 4LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-SD	270*80*260mm	0.34kg	Intelligent light control

FSD-SD

Mutil-function and double-end

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 36LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-SD	620*440*380mm	1.17kg	Intelligent light control

FSD-CP

Halo new lawn lights

Material: ABS + PC
Solar Panel: A-Si(Amorphous Silicon)
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	G.W	Carton	Light color
FSD-CP	2.2kg	96pcs	White/warm light

FSD-CP

Retro style and black design

Material: ABS + PC
Solar Panel: A-Si(Amorphous Silicon)
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	G.W	Carton	Switch
FSD-CP	1.1kg	6pcs	Green plug switch

FSD-BD

Long bright and large angle of light

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 48LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	G.W	Product size	Function
FSD-BD	0.8kg	210*190*175mm	Intelligent light contro

FSD-SD

High power lamp bead

Material: ABS + Alu
Solar Panel: A-Si(Amorphous Silicon)
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	G.W	Product size	Function
FSD-SD	0.9kg	73*315mm	Intelligent light control

" Solar Wall Light "

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-BD

Multifunctional and fashionable for your life

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 36LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	Product size	G.W	Function
FSD-BD	155*110*60mm	0.38kg	Intelligent light control

FSD-BD

Square window sconces in the wall

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 2LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-BD	89*52*114mm	0.38kg	Intelligent light control

FSD-BD

Facing the smile in front of human

Material: ABS + PC
Solar Panel: Monocrystalline silicon plate
Light Source: 3LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

Model type	Product size	G.W	Function
FSD-BD	105*40*100mm	0.08kg	Intelligent light control

FSD-SD

Shark head appearance modeling

Material: ABS + Alu
Solar Panel: A-Si(Amorphous Silicon)
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	G.W	Product size	Function
FSD-SD	0.4kg	206*113*92mm	Intelligent light control

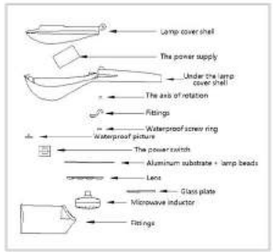
“ Housing Assembly Kit ”

Our vision:
Become one of the mainstream lighting suppliers in the world

FSD-LD-K

Thickened heat dissipation design

Material: ADC12/Alu
Led light source: Philips 3030
PCB model: 8C18B
Weight of sink heat(kg): 2.1
Warranty: 1years

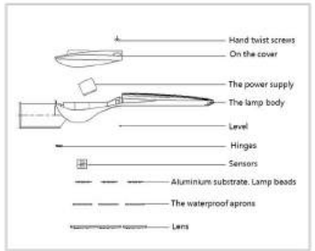


Model type	Power	Beam angle	Packing size(mm)
FSD-LD-K	40/60/80/100w	60/90/120	417*264*155

FSD-LD-K

Thickened heat dissipation design

Material: ADC12/Alu
Led light source: Philips 3030
PCB model: 8C18B
Weight of sink heat(kg): 1.6
Warranty: 1years



IP65 CE FC RoHS

Model type	Power	Beam angle	Packing size(mm)
FSD-LD-K	40/60/80/100w	60/90/120	420*260*150

FSD-TC-K

Thickened heat dissipation design

Material: ADC12/Alu
Led light source: Philips 3030
PCB model: 6C/8CC
Beam angle: 15/30/60/90
Warranty: 1years

IP65 CE FC RoHS

Model type	Powe	Heat sink weight	Heat sink size
FSD-TC-K	100/150/200/300w	3.35kg	228*95*1.6mm

FSD-KD-K

Thickened heat dissipation design

Material: ADC12/Alu
Led light source: Philips 3030
PCB model: 7C20B
Beam angle: 60/90/120
Warranty: 1years

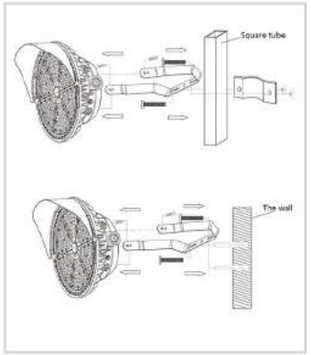
IP65 CE FC RoHS

Model type	Power	Heat sink weight	Heat sink size
FSD-KD-K	100/150/200/300w	0.61kg	240*49mm

FSD-QC-K

Thickened heat dissipation design

Material: ADC12/Alu
Led light source: Philips 3030
PCB model: 7C45B*1
Beam angle: 15/30/60/90
Warranty: 1years



IP65 CE FC RoHS

Model type	Power	Heat sink weight	Heat sink size
FSD-QC-K	200/600/800w	1.6kg	Φ400*85mm

FSD-JR

Super heat dissipation performance

Material: ADC12/Alu
Led light source: 3535/5050
PCB model: 14C8B,2C56B
Weight of sink heat(kg): 5
Warranty: 1year

Model type	IP Rank	Beam angle	Heat sink dimensions
FSD-JR	IP66	15/30°	491*382*143mm

FSD-JR

Super heat dissipation performance

Led light source: 3535/5050
PCB model: 13B6C,14B7C
Weight of sink heat(kg): 1.4
Aluminium substrate specifications(mm): 76*150*1.6
Warranty: 1year

Model type	IP Rank	Power	Heat sink dimensions
FSD-JR	IP66	60-120w	336*216*182mm

" Camping Light "

Our vision:

Become one of the mainstream lighting suppliers in the world

FSD-YH

Charging portable small power generation system

IP Rank: IP45
Warranty: 1years
Voltage(v): 7.4
Rated power rating(w): 12
Overall dimensions(mm):11.2 x 18 x 7.9

IP65 CE FC RoHS

Model type	Life span	Type of switch	Continuous lighting time
FSD-YH	5000h	Induction type	6-12 h

FSD-YY

Strong adhesion, waterproof and dust-proof

IP Rank: IP45
Warranty: 1years
Voltage(v): 6
Rated power rating(w): 5
Overall dimensions(mm):φ75*160

CE FC RoHS

Model type	Life span	Type of switch	Continuous lighting time
FSD-YY	10000h	Induction type	12-16 hours

VNS-1905

Remote control button, intelligent light control

Working voltage(v): 3.7
Working current: 1.2A
Lithium battery capacity: 3.7V2200mAx 2pcs
Solar panel: 6V5W(monocrystalline silicon solar panel)

Model type	LED	Charging time	Output power
VNS-1905	136pcs	8 hours	7W

" Holiday Light "

Our vision:

Become one of the mainstream lighting suppliers in the world

LH

Solar power, intelligent light control

Working voltage(v): 6
Solar Panel: 600mA
Size(cm): 27.2*13.2*7
Working current: 6mA

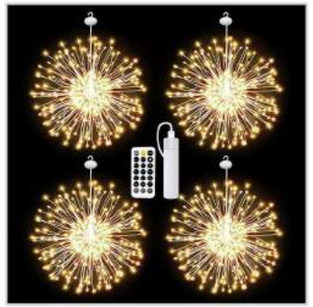
IP65 CE FC RoHS

Model type	NW	Material	IP Rating
LH	0.306kg	PC+LED+PVC	IP44

FSD-LH

LED rechargeable smoke lamp

Power Supplier: DC 5V USB
Leds Qty: 120L*4,(Can be customized)
Fucntion: 8fucntions
Remote: 13 Keys
Warranty: 5years



Model type	Length	IP Rating	Flux lumineux
FSD-LH	2*0.15m	IP44	75lm

FSD-HY

Petal-shaped flame effect

Material: ABS
Solar Panel: Polysilicon solar panels
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	G.W	Product size	Function
FSD-HY	0.2kg	98*95*246mm	Intelligent light control

FSD-YQ

New shape of round torch

Material: ABS
Solar Panel: Monocrystalline silicon plate
Light Source: LED
Working Temperature(℃): -20 - 60
Working Time: 6-12H

IP65 CE FC RoHS

Model type	G.W	Product size	Function
FSD-YQ	0.48kg	160*125mm	Intelligent light control

" Plant Light "

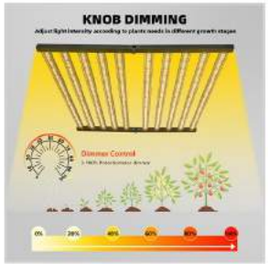
Our vision:

Become one of the mainstream lighting suppliers in the world

FLG-650

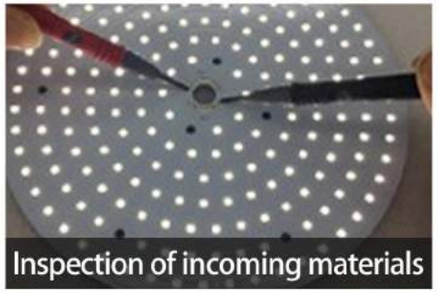
Better canopy light penetration with diffused light

Dimming: 0-100%
PPFDμmol/(m2/s): 1287
Footprint: 4'x4'/5'x5'ft/6*6'FT
LED Light Source: Epistar 3030+ 660nm
Led driver: 1pc Inventronics driver Meanwell with knob dimmer



IP65 CE FC RoHS

Model type	Efficacy	Lamp Luminous Flux	Colour temperature
FLG-650	1500	220lm	3000K+4000K


Inspection of incoming materials

Production and assembly

Aging test

Integrating sphere test

IES Light distribution test

High and low pressure test

Water proof test

Product packaging

Shipment

Process **of production...**

Inspection of incoming materials

»

Production and assembly

»

Aging test

»

Integrating sphere test

»

IES Light distribution test

»

High and low pressure test

»

Water proof test

»

Product packaging

»

Shipment

« Die casting workshop

Die casting workshop

« Machine working shop

Machine working shop

« Powder spraying workshop

Powder spraying workshop

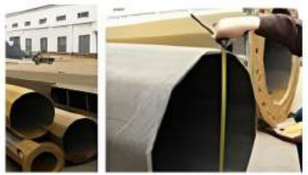
« Assembly shop

Assembly shop

Solar Panel

LED Lamp

Lighting Pole



Controller

Product Certification

Certificate...

- Our products have passed CCC, FCC, UL, SAA, CE, RoHS, and many other international quality system certifications.
- At present, our products have been exported to more than 70 countries in North America, South America, Europe, the Middle East, Africa, Southeast Asia, etc., and have been unanimously recognized by customers.

Case scenarios of different categories...

German Hardware Processing Factory (UFOH Mining Lamp)

Los Angeles Industrial Park (WK Wall Lamp)

Suzhou Pharmaceutical Cold Storage (UFOH mining lamp)

Spanish Football Stadium (FLH pitch lights)

Lithuania Airport (FLG Stadium lights)

Dongguan Shatin Logistics Park (UFOH Mining Lamps)

Swedish racecourse (UFOH mining lamp with lampshade)

German Football Stadium (FLL pitch lights)

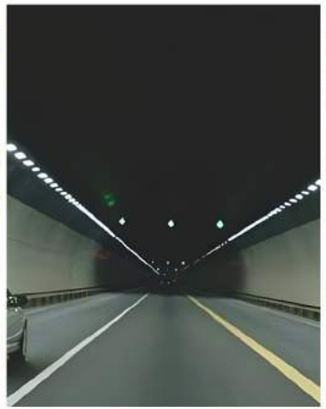
Thai Road (SLB street light)

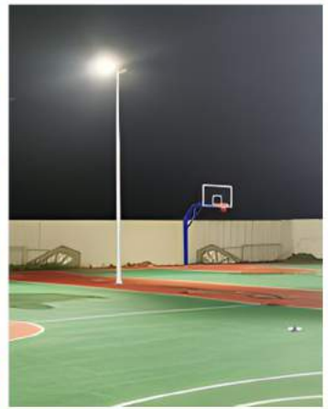
Xi 'an Workshop (UFOH Mining lamp)

Xi 'an Campus Stadium (FLP Floodlight)

Dominican Gas Station (CP gas station light)

...





Zhengzhou Five Star Lighting Co., Ltd.

Our vision:

Become one of the mainstream lighting suppliers in the world

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