



For Safety For Energy-Efficient For You



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The catalogue includes LED Explosion-proof Light Fittings designed by Shanghai Qinsun Electric Co., Ltd. We feel sorry about the shortcomings of this catalogue due to limited time, and we really appreciate your suggestions and will always provide you with best service ever. Hope you find the catalogue handy for our products; in terms of technology progress and time passing, the standards, technical requirements, and product dimensions described in the catalogue are more likely to be updated; we reserve the right to modify without further notice.



2019 2nd Version

LED INDUSTRIAL LIGHTING



SHANGHAI QINSUN ELECTRIC CO.,LTD.

## >>> Company Profile



For Safety For Energy-Efficient For You

- 2009 Company established and designed first LED Ex-Proof light in China, passed CNEX;
- 2010 Passed ISO9001 and qualified as vendor of Sinopec;
- 2011 Qualified as vendor of CNPC, CNOOC;
- 2012 Started OEM and exporting to Europe;  
Established intelligent control system division and static grounding division;
- 2013 Obtained ATEX, exporting to Europe, Middle East, Asia and South America;  
Yearly turnover reached 17 million USD;
- 2014 Expanded factory area to 20,000sqm;  
Passed ISO14001, OHSAS18001;
- 2015 Establish LED chip package division



# HAZARDOUS AREA

## Selection Guide

Application	Image	Model No.	Area Classification	Input Wattage	Lumen Level	Certification
High/Mid Bay		HX1	Zone 1, 2, 21, 22	30-200W	3450-22000lm	UL, Ex, CE
		BLD230	Zone 1, 2, 21, 22	20-80W	2200-8800lm	Ex, CE
		BLD190	Zone 2, 21, 22	20-60W	2200-6600lm	CNEX, CE
Area Light		HA1	Zone 1, 2, 21, 22	20-40W	2400-4800lm	Ex, CE
Flood Light		BLD150	Zone 1, 2, 21, 22	10W-160W	1100 -16500lm	Ex, CE
Linear Light		HL1	Zone 1, 2, 21, 22	35/75W	4100/8600 lm	Ex, CE
		BLD530	Zone 1, 2, 21, 22	9/18/36W	900/1800/3600 lm	Ex, CE
		BLD180	Zone 2, 21, 22	9/18/36W	900/1800/3600 lm	Ex, CE
		M1	Zone 1, 2, 21, 22	25/50W	2625/5250lm	Ex, CE
Emergency Exit Signal		BZD310	Zone 1, 2, 21, 22	3W		CNEX, CE
		BJD320	Zone 1, 2, 21, 22	6W		CNEX, CE
		BJD330	Zone 1, 2, 21, 22	10W		CNEX, CE



# INDUSTRIAL AREA

## Selection Guide

Application	Image	Model No.	Input Wattage	Lumen Level	Input voltage	Certification
Low/mid bay		GLD210	20-60W	2300-6900lm	100-277VAC	CE IP66
Mid bay/High bay		GLD8520	80-300W	9600-36000lm	100-277VAC	CE IP66
		GLD8260	50-200W	6000-24000lm	100-277VAC	CE IP66
		GLD8560	30-100W	3300-11000lm	100-277VAC	CE IP66
Linear Light		GLD230	9-36W	900/1800/3600lm	100-277VAC	CE IP66
		GLD280S	10-40W	1000m-4000lm	100-277VAC	CE IP66
Flood Light		GLD8590	30-200W	3600-24000lm	100-277VAC	CE IP66
		GLD8550	80-200W	9440-23600lm	100-277VAC	CE IP66
Canopy		GLD8570	60-120W	7200-14400lm	100-277VAC	CE IP66
Street Light		GLD290	40-300W	4800-33600lm	100-277VAC	CE IP66
		GLD350	40-120W	4800-14400lm	100-277VAC	CE IP66

# HAZARDOUS AREA

## Selection Guide

Application	Image	Model No.	Input Wattage	Lumen Level	Input voltage	Certification
Street Light		GLD650	20-150W	2400-18000lm	100-277VAC	CE IP66
Solar Street Light		GLS740	10-40W	1200-4800lm	100-277VAC	CE IP66

# HAZARDOUS AREA

## HX1 Series LED High Bay Lighting

### Design Features

**Unique tri-chamber structure:** Independent chamber for LED module, driver and wiring, high reliability and easy installation and maintenance.

**Excellent heat sink performance:** Lower LED and driver temperature, ensure longest service life.

**Latest LED technology :** Cree/Nichia high efficiency LED, >140lm/w, fixture lumen efficiency exceed 115 lm/watt.

**High reliability driver:** Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Wireless connection:** all mounting modules are wireless connection, easy installation and maintenance.

**Various mounting option :** 5 types of mounting options, wireless connection, easy wiring.



### Certifications & Compliances

Exdb IIC T6 Gb/Ext IIIC T85°C Db

Zone 1, 2, 21, 22

ATEX certified

Class I, Div 2, Group A B C D

Class II, Div 2, Group E F G

Class III

UL844, UL1598, UL1598A

CSA C22.2 No. 137

Ambient Temp: -40°C~ +55°C

Type 4X, IP66

### Electrical Ratings

Voltage: 100-277VAC, 347-480VAC, 50/60Hz

Input Power: 30W, 50W, 80W, 100W, 120W, 150W, 200W

Beam Angle: 45°/120°/Diffused

### Installation Type

Pendant/Wall 30°/Stanchion 30°/Bracket/Ceiling

### Weight

30-100W - Housing A - 6.5 KG

120-200W - Housing B - 9.32KG

Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
HX1-A-30W	30W	3450 lm
HX1-A-50W	50W	5750 lm
HX1-A-80W	80W	9200 lm
HX1-A-100W	100W	11500 lm
HX1-B-120W	120W	13200 lm
HX1-B-150W	150W	16500 lm
HX1-B-200W	200W	22000 lm

# HAZARDOUS AREA

## BLD230 Series LED Low-Mid Bay Lighting

### Design Features

**Unique tri-chamber structure :** Independent chamber for LED module, driver and wiring, high reliability.

**Excellent heat sink performance :** Lower LED and driver temperature, ensure longest service life.

**Latest LED technology :** Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 110 lm/watt.

**High reliability driver :** Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Easy maintenance :** Open side covers for wiring and replacing driver, no need dissemble whole light, easy wiring and maintenance.

**Custom optics :** Providing 120°/180°beam angle, and diffused lens for anti-glare.



### Certifications & Compliances

Exd IIC T6 Gb/Extb III BT85 C Db

Zone 1, 2, 21, 22

Ambient Temp: -40°C~ +55°C

ATEX certified

IP66

### Electrical Ratings

Voltage: 90-305 VAC, 50/60HZ

Input Power: 20W, 30W, 40W, 50W, 60W, 70W, 80W

Beam Angle:

20-40W: 120°/180°/Diffused

50-80W: 120°/Diffused

### Installation Type

Pendant/Wall/Stanchion/Bracket

### Weight

20-40W - Housing 1 - 7.0 KG

50-80W - Housing 2 - 8.4KG

Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
BLD230-20W	20W	2200 lm
BLD230-30W	30W	3300 lm
BLD230-40W	40W	4400 lm
BLD230-50W	50W	5500 lm
BLD230-60W	60W	6600 lm
BLD230-70W	70W	7700 lm
BLD230-80W	80W	8800 lm

# HAZARDOUS AREA

## BLD190 series Explosion Proof Light

### Design Features

**Horizontal tri-chamber struture:** Independent chamber for LED module, driver and wiring ,high reliability and easy installation and maintenance.

**Excellent heat sink performance:** advanced super thermal phase transition technology, high cooling efficiency, low temperature, ensure long lifespan of LED;

**Latest LED technology :** top led brand, high light efficiency, reaches 110 lumen/watt;

**High reliability driver :** famous brand driver,high reliability, efficiency >98%,design for harshest environments.

**Optical advantage:** wide beam angle, uniform light distribution, comfortable and healthy; anti-glare phosphor coating, absorb harmful blue light with white light excitation, increase total lumen output;



### Certifications & Compliances

ExnA II T6 Gc/DIP A 21TA, T6

Zone 1,2,21,22

Ambient Temp: -40 C~+55 C

CNEX certified

IP66

### Electrical Ratings

Voltage:100-277VAC,50/60HZ

Input Power: 20W,30W,40W,50W,60W,

Beam angle: Diffused

### Installation Type

Bracket/Ceiling/Pendant-pole/Wall/Flange/Fence

### Weight

20/30/40W-Housing 1-2.6Kg

50/60W-Housing 2-3.5Kg

Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
BLD190-20W	20W	2200 lm
BLD190-30W	30W	3300 lm
BLD190-40W	40W	4400 lm
BLD190-50W	50W	5500 lm
BLD190-60W	60W	6600 lm



# HAZARDOUS AREA

## HA1 Series LED Low Bay Lighting

### Design Features

**Unique tri-chamber structure:** Independent chamber for LED module, driver and wiring, high reliability and easy installation and maintenance.

**Excellent heat sink performance:** Lower LED and driver temperature, ensure longest service life.

**Latest LED technology :** Nichia high efficiency LED, >140lm/w, fixture lumen efficiency exceed 120 lm/watt.

**High reliability driver :** Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Wireless connection :** all mounting modules are wireless connection, easy installation and maintenance.

**Various mounting option :** 6 types of mounting options, wireless connection, easy wiring.



### Luminaire Models

Model No.	Rated Power	Luminous Flux
HA1-20W	20W	2400 lm
HA1-30W	30W	3600 lm
HA1-40W	40W	4800 lm

### Installation Type

Pendant/Ceiling/Wall 30°  
Stanchion 30°

### Weight

3.8KG  
Excluded mounting accessories

### Certifications & Compliances

Exdb IIC T6 Gb/Extb IIC T85 C Db  
Zone 1, 2, 21, 22  
ATEX Certified  
Class I, Div 2, Group A B C D;  
Class II, Div 2, Group E F G;  
Class III, Simultaneous Presence  
Ambient Temp: -40°C~ +55 C  
IP66

### Electrical Ratings

Voltage: 90-305VAC, 50/60Hz  
Input Power: 20W, 30W, 40W  
Beam Angle: 180°/Diffused

# HAZARDOUS AREA

## BLD150 Series LED Flood Lighting

### Design Features

**Unique dual-chamber structure :** Independent chamber for LED module, driver and wiring, high reliability.

**Excellent heat sink performance :** Lower LED and driver temperature, ensure longest service life.

**Latest LED technology :** Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 110 lm/watt.

**High reliability driver :** Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Easy maintenance :** Open back covers for wiring and replacing driver, no need disassemble whole light, easy wiring and maintenance.

**Custom optics :** Providing 30°/45°/60°/120° beam angle, and diffused lens for anti-glare.



### Certifications & Compliances

Exd IIB T6 Gb/Ext III BT85 C Db  
Zone 1, 2, 21, 22  
Ambient Temp: -40°C~ +55°C  
ATEX certified  
IP66

### Electrical Ratings

Voltage: 90-305VAC, 50/60Hz  
Input Power: 10W, 20W, 40W, 60W, 80W, 100W, 120W, 160W  
Beam Angle:  
10-60W: 120°/Diffused  
80-160W: 30°/45°/60°/120°/Diffused

### Installation Type

Wall/Stanchion/Bracket

### Weight

10-60W - Housing 1 - 8.5 KG  
80-160W - Housing 2 - 19.0 KG  
Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
BLD150-10W	10W	1100 lm
BLD150-20W	20W	2200 lm
BLD150-40W	40W	4400 lm
BLD150-60W	60W	6600 lm
BLD150-80W	80W	8800 lm
BLD150-100W	100W	11000 lm
BLD150-120W	120W	13200 lm
BLD150-160W	160W	16500 lm

# HAZARDOUS AREA

## HL1 Series LED Linear Lighting

### Design Features

**Unique Dual-Chamber structure** : Independent chamber for LED modules, driver and wiring, high reliability.

**Low Profile design** : Low height, suitable for constraint area.

**Excellent heat sink performance**: Lower LED and driver temperature, ensure longest service life.

**Latest LED technology** : Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 110 lm/watt.

**High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Compact size and light weight** : Small and robust LED module with PC lens, allow compact size, reduce 50% weight comparing to conventional similar luminaire.



### Certifications & Compliances

Exemb II T6 Gb/Extb III CT85°C Db  
 Zone 1, 2, 21, 22  
 Class I, Div 2, Group A B C D  
 Class II, Div 2, Group E F G  
 Class III, Simultaneous Presence  
 Ambient Temp: -40°C~ +55°C  
 ATEX certified  
 IP66

### Electrical Ratings

Voltage: 90-305VAC, 50/60Hz  
 Input Power: 35W, 75W  
 Beam Angle: 120°/Diffused

### Installation Type

Pendant/Ceiling/Linkable/Pole/Wall

### Weight

35W - Housing 1 - 3.2 KG  
 75W - Housing 2 - 4.3 KG  
 Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
HL1-35W	35W	4100 lm
HL1-75W	75W	8600 lm

# HAZARDOUS AREA

## BLD530 Series LED Linear Lighting

### Design Features

**Modular design** : Each LED module "Exd" protection, connect by quick coupling, high reliability, easy maintenance.

**Unique tri-chamber structure** : Independent chamber for LED modules, driver and wiring, high reliability.

**Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.

**Latest LED technology** : Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 100 lm/watt.

**High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Compact size and light weight** : Small and robust LED module with PC lens, allow compact size, reduce 50% weight comparing to conventional similar luminaire.



### Certifications & Compliances

Ex de IIC T6 Gb/Extb III CT85°C Db  
 Zone 1, 2, 21, 22  
 Ambient Temp: -40°C~ +55°C  
 ATEX certified  
 IP66

### Electrical Ratings

Voltage: 90-305VAC, 50/60Hz  
 Input Power: 9W, 18W, 36W  
 Beam Angle: 120°/Diffused

### Installation Type

Ceiling/Pendant/Wall/Bent Pole

### Weight

18W - Housing 1 - 4.5 KG  
 36W - Housing 2 - 5.7 KG  
 Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
BLD530-9W	9W	900 lm
BLD530-18W	18W	1800 lm
BLD530-36W	36W	3600 lm

# HAZARDOUS AREA

## BLD180 Series LED Linear Lighting

### Design Features

- Unique dual-chamber structure** : Independent chamber for LED module, driver and wiring, high reliability.
- Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.
- Latest LED technology** : Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 100 lm/watt.
- High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.
- Easy maintenance** : Open side covers for wiring and replacing driver, no need dissemble whole light, easy wiring and maintenance.



### Certifications & Compliances

Ex nA IIC T6 Gc/Ex tb III CT80 C Db  
 Zone 2, 21, 22  
 Ambient Temp: -40°C~ +55°C  
 ATEX certified  
 IP66

### Electrical Ratings

Voltage: 90-305 VAC, 50/60Hz  
 Input Power: 9W, 18W, 36W  
 Beam Angle: Diffused

### Installation Type

Ceiling/Pendant/Wall/Bent Pole

### Weight

9W - Housing 1 - 2.0 KG  
 18W - Housing 2 - 2.3 KG  
 36W - Housing 3 - 3.2 KG  
 Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
BLD180-9W	9W	900 lm
BLD180-18W	18W	1800 lm
BLD180-36W	36W	3600 lm

# HAZARDOUS AREA

## M1 Series LED Linear Portable Lighting

### Design Features

- Tough and Robust** : Encapsulated LED module and high strength PC tube endure strong vibration and impact, high reliability, reach IP67.
- Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.
- Latest LED technology** : Nichia high efficiency LED, 200lm/w, fixture lumen efficiency exceed 160 lm/watt.
- Unique eye protection** : Special diffuser technology, design for short distance operation.
- Versatile mounting options** : Various of installation accessories for choice, with extra anti static protective film and end cap cover.
- Single or linkable use** : Quick coupling design for linkable use, max 15pcs in link.
- Compact size and light weight** : Shorter and lighter than fluorescent type, easy for portable use.



### Certifications & Compliances

Ex eb mb op is II C T4 Gb/Ex tb op is III C T 70°C Db  
 Zone 1, 2, 21, 22  
 Ambient Temp: -20°C~ +40°C  
 ATEX  
 IP66

### Electrical Ratings

Voltage: 12~36/36~48/100~277V AC/DC, 50/60Hz  
 Input Power: 25W, 50W  
 Beam Angle:  
 25W-180°  
 50W-180°/360°  
 Emergency version:  
 M1-50W(emergency power 10W/90min)

### Installation Type

Hanging Strap/Hook/Magnetic/Rail

### Weight

25W - Housing 3 - 2.1 KG  
 50W - Housing 2 - 3.4 KG  
 Excluded mounting accessories



# HAZARDOUS AREA

## LED Emergency and Signal Lighting

### Design Features

- Tough and durable structure** : LED module and high strength Aluminum housing endure harshest environment, high reliability.
- Heavy duty Ni-MH battery** : High temperature rated nickel cadmium battery for reliable operation up to 55°C ambient.
- Latest LED technology** : Cree high efficiency LED, >140lm/w, fixture lumen efficiency exceed 110 lm/watt.
- High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.
- Reduced maintenance costs** : Self-test, monitoring and diagnostics reduce costly maintenance checks.
- Various EXIT signal** : Left, right, left and right, different directional arrows for option(BZD310 only).
- Flexible LED lamp** : LED lamps are adjustable, allowing you to focus light where you need it.(BJD320 only)



BZD310



BJD330



BJD320

### Certifications & Compliances

BZD310	Exd IIC T6 Gb/Ext IIIC T85°C Db T6
BJD320	Exde IIC T6/Ext IIIC T85°C Db T6
BJD330	Exd ib IIC T6/Ext IIIC T85°C Db T6

Zone 1, 2, 21, 22  
Ambient Temp: -40°C~ +55°C  
CNEC certified  
IP66

### Electrical Ratings

Voltage: 100~277V AC/DC, 50/60Hz  
Emergency duration: 90/180 min

### Installation Type

BZD310: Wall/Ceiling/Pendant Pole  
BJD320: Wall/Pendant Pole  
BJD330: Pole/Seat

### Weight

BZD310: 2KG  
BJD320: 3.2KG  
BJD330: 2.7KG  
Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power
BZD310	3W
BJD320	6W
BJD330	10W

# HAZARDOUS AREA

## GLD 210 Series LED Weather Proof Lighting

### Design Features

- Unique tri-chamber structure** : Independent chamber for LED module, driver and wiring, high reliability.
- Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.
- Latest LED technology** : High efficiency LED, >140lm/w, fixture lumen efficiency exceed 115 lm/watt.
- High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.
- Easy maintenance** : Open side covers for wiring and replacing driver, no need disassemble whole light, easy wiring and maintenance.
- Custom optics** : Providing 120°beam angle, and diffused lens for anti-glare.



### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, mining sites, heavy industrial or petrochemical facilities, marine environments, platforms, loading docks, tunnels, and other outdoor areas.

### Certifications & Compliances

CE  
IP66

### Electrical Ratings

Voltage:100-277VAC  
Input Power: 20W,30W,40W,50W,60W  
Beam Angle: 120°/Diffused

### Installation Type

Bracket/Pendant

### Weight

20-30W - Housing 1 - 2.7 KG  
40-60W - Housing 2 - 4.9 KG  
Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD210-20W	20W	2300lm
GLD210-30W	30W	3450lm
GLD210-40W	40W	4600lm
GLD210-50W	50W	5750lm
GLD210-60W	60W	6900lm

# INDUSTRIAL AREA

## GLD8520 Series High-bay Light

### Design Features

**Energy-efficient:** Up to 130 lumens per watt .

**Long life:** last to 60,000h rated life or more.

**Weather proof:** reach IP66

**Excellent heat sink performance:** Using aluminum base, die-casting aluminum housing and whole light heat dissipation design.

**Easy maintenance:** Easy to open covers for wiring and replacing driver , no need disassemble whole light,easy wiring and maintenance.

**Customized Optics:** 45°/90°/120°



### Application

Applicable to factories,workshops, stations,large facilities, venues, control rooms; Widely used in petrochemical, oil fields, power, rail,metallurgy, fire, military and other industries for fixed lighting,etc.

### Certifications & Compliances

CE IP66

### Electrical Ratings

Voltage:100-277VAC

Input Power: 80W,100W,120W,150W,200W,240W,300W.

### Installation Type

Bracket /Hook

### Weight

80W-2.5KG  
100W-3.8KG  
120W/150W-4.8KG  
200W/240W-5.8KG  
300W-12.0KG

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8520-80	80W	9600 lm
GLD8520-100	100W	12000 lm
GLD8520-120	120W	14400 lm
GLD8520-150	150W	18000 lm
GLD8520-200	200W	24000 lm
GLD8520-240	240W	28800 lm
GLD8520-300	300W	36000 lm

# INDUSTRIAL AREA

## GLD8260 Series High Bay Light

### Design Features

**Energy-efficient:** Up to 130 lumens per watt.

**Long life:** last to 50,000h rated life or more.

**Weather proof:** reach IP66.

**Excellent heat sink performance:** Lower LED and driver temperature to ensure longest service life.

**Easy maintenance:** Easy to open covers for wiring and replacing driver , no need disassemble whole light,easy wiring and maintenance.

**Customized Optics:** 45°/90°/120°



### Application

Widely used in Factory, Workshop, Warehouse, Logistics Center Exhibition Hall, Gymna-sium,Shipyards, Mining, Gas Station, Supermarket, Other Places

### Certifications & Compliances

CE  
IP66

### Electrical Ratings

Voltage:100-277VAC, 50/60Hz

Input Power: 50-200W

Beam Angle: Diffused

### Installation Type

Ceiling/Pendant/Wall/Bent Pole

### Weight

50W -3.0KG  
80W -4.2KG  
100/120W -4.9KG  
150W -5.6KG  
200W -6.3KG

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8260-50W	50W	6000 lm
GLD8260-80W	80W	9600 lm
GLD8260-100W	100W	12000 lm
GLD8260-120W	120W	14400 lm
GLD8260-200W	200W	24000 lm

# INDUSTRIAL AREA

## GLD8560 Series LED Low-Mid Bay Lighting

### Design Features

**STPT heat sink technology** : Advanced super thermal phase transition technology, high cooling efficiency, low and uniform temperature, ensure long lifespan of LED.

**Latest LED technology** : DC LED Light engine, high light efficiency, reaches 133 lumen/watt.

**High voltage driver** : lower current, efficiency > 97%.

**Unique tri-chamber structure** : Independent chamber for LED module, driver and wiring, high reliability and easy installation and maintenance.

**Nano-scale anti-glare phosphor coating** : absorb harmful blue light with white light excitation, increase total lumen output, soft lighting

**Compact size** : light weight, weight is 25% less than traditional heat sink, and volume is 20% less.



### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8560-30W	30W	3300 lm
GLD8560-50W	50W	5500 lm
GLD8560-60W	60W	6600 lm
GLD8560-80W	80W	8800 lm
GLD8560-100W	100W	11000 lm

### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, mining sites, heavy industrial or petrochemical facilities, marine environments, platforms, loading docks, tunnels, and other outdoor areas.

### Certifications & Compliances

CE  
IP66

### Electrical Ratings

Voltage:100-277VAC, 50/60Hz  
Input Power: 30W, 50W, 60W, 80W, 100W  
Beam Angle: Diffused

### Installation Type

Pendant

### Weight

30/50/60W- Housing 1 - 2.8 KG  
80/100W - Housing 2 - 3.2 KG  
Excluded mounting accessories

# INDUSTRIAL AREA

## GLD230 Series LED Linear Lighting

### Design Features

**Unique dual-chamber structure** : Independent chamber for LED module, driver and wiring, high reliability.

**Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.

**Latest LED technology** : High efficiency LED, >140lm/w, fixture lumen efficiency exceed 100 lm/watt.

**High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Easy maintenance** : Open side covers for wiring and replacing driver, no need disassemble whole light, easy wiring and maintenance.



### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, mining sites, heavy industrial or petrochemical facilities, marine environments, platforms, loading docks, tunnels, and other outdoor areas.

### Certifications & Compliances

CE  
IP66

### Electrical Ratings

Voltage:100-277VAC, 50/60Hz  
Input Power: 9W, 18W, 36W  
Beam Angle: Diffused

### Installation Type

Ceiling/Pendant/Wall/Bent Pole

### Weight

9W - Housing 1 - 2.0 KG  
18W - Housing 2 - 2.3 KG  
36W - Housing 3 - 3.2 KG  
Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD230-9W	9W	900 lm
GLD230-18W	18W	1800 lm
GLD230-36W	36W	3600 lm

# INDUSTRIAL AREA

## GLD280S Series Stainless Steel LED Linear Light

### Design Features

**Strong anti-corrosion** : 304 stainless steel housing endures severe corrosion environment.

**For marine vessel** : Can make 316L stainless steel housing for marine application.

**LED tube** : Increase the lamp service life, reducing servicing costs.

**Protective glass** : Tempered glass, impact resistant, anti-UV, high light transmittance.

**Easy maintenance** : Easy to open glass by opening clip, and glass has steel wire for anti-drop.

**Emergency type available.**



### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, mining sites, heavy industrial or petrochemical facilities, marine environments, platforms, loading docks, tunnels, and other outdoor areas.

### Certifications & Compliances

CE

IP66

### Electrical Ratings

Voltage:100-277VAC

Input Power: 10W, 2X10W, 1X20W, 2X20W

### Installation Type

Ceiling/Pendant/Bracket

### Weight

1x10W, 2x10W- Housing 1 - 5.5 KG

1X20W, 2X20W - Housing 2 - 9.75 KG

Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD280S-1X10	10W	1000lm
GLD280S-2X10	20W	2000lm
GLD280S-1X20	20W	2000lm
GLD280S- 2X20	40W	4000lm

# INDUSTRIAL AREA

## GLD8590 Series LED Flood Light

### Design Features

**Dual-chamber structure** : Independent space ensures good heat dissipation and stable operation of components.

**Excellent heat sink performance** : Lower LED and driver temperature, ensure longest service life.

**Latest LED technology** : High efficiency LED, >140lm/w, fixture lumen efficiency exceed 120 lm/watt.

**High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Easy maintenance** : Open back covers for wiring and replacing driver, no need disassemble whole light, easy wiring and maintenance.

**Optional function** : photocell control.



### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as manufacturing plants, mining sites, heavy industrial or petrochemical facilities, marine environments, platforms, loading docks, tunnels, and other outdoor areas.

### Certifications & Compliances

CE

IP66

### Electrical Ratings

Voltage:100-277VAC

Input Power: 30W,50W,70W,80W,

100W,120W,150W,200W

### Installation Type

Bracket, Wall

### Weight

0.8Kg(30W)/1.5Kg(50W)/

2.5Kg(70W/80W)/3.5Kg(100W)/

4.3Kg(120W/150W) /5.0Kg(200W)

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8590-30W	30W	3600 lm
GLD8590-50W	50W	6000 lm
GLD8590-70W	70W	8400 lm
GLD8590-80W	80W	9600 lm
GLD8590-100W	100W	12000 lm
GLD8590-120W	120W	14400 lm
GLD8590-150W	150W	18000 lm
GLD8590-200W	200W	24000 lm

# INDUSTRIAL AREA

## GLD8550 Series LED Flood Light

### Design Features

**Latest LED technology:** Applied with patented quadric optics non-imaging lens, luminaire efficiency over 90%.

**High reliability driver:** famous brand driver, high reliability , Efficiency>98%.

**Excellent heat sink performance:** Radiator made of Aluminium alloy which has the best conductivity.

**Good weather-proof performance:** The lamp has been designed a respiratory system to ensure the dust resistance and water resistance and self cleaning ability.



### Application

Apply to the square, stadiums, amusement park, General road lighting, Residential Area, Yard Park, Industrial Area, Petrol Station, Parking Lot, act.

### Certifications & Compliances

CE IP66

### Electrical Ratings

Voltage: 100-277VAC

Input Power: 80W, 100W, 150W, 200W

### Installation Type

Pole Mounting, Bracket Mounting

### Weight

3.9Kg(80W/100W)

5.0Kg(150W)

5.6Kg(200W)

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8550-80W	80W	9440 lm
GLD8550-100W	100W	11800 lm
GLD8550-150W	150W	17700 lm
GLD8550-200W	200W	23600 lm

# INDUSTRIAL AREA

## GLD8570 Series LED Canopy Light

### Design Features

**Modular structure :** high stability, IP68 protection, modules connected by quick coupling, easy maintenance.

**Excellent heat sink performance :** Honeycomb and whole structure cooling technology, high efficient heat dissipation, ensure longest service life.

**Latest LED technology :** High efficiency LED, >140lm/w, fixture lumen efficiency exceed 120 lm/watt.

**High reliability driver :** Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.

**Customized Optics :** 45/90/120° beam angel for choice.

**Smart Control :** can add motion sensor with dimming function.



### Application

Locations requiring continuous and consistent light levels in extreme ambient temperatures, such as gas station, warehouse, parking area, etc.

### Certifications & Compliances

CE

LED Module IP68

Power Supply IP67

### Electrical Ratings

Voltage: 100-277VAC

Input Power: 60W, 100W, 120W

Beam Angle: 60°/90°/120°

### Installation Type

Recessed/Surface

### Weight

60W 4.8KG

100W 5.6KG

120W 6.7KG

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD8570-60	60W	7200lm
GLD8570-100	100W	12000lm
GLD8570-120	120W	14400lm





# INDUSTRIAL AREA

## GLD290 Series LED Canopy Light

### Design Features

- Modular structure** : Modular pluggable technology, reach IP67 protection, tool-free onsite maintenance.
- Excellent heat sink performance** : Honeycomb and whole structure cooling technology.
- Latest LED technology** : High efficiency LED >140lm/w, fixture lumen efficiency exceed 120 lm/watt.
- High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.
- Easy maintenance** : Easy to replace LED module and drivers with quick-coupling connection.
- Different beam angle** : various beam angle for wide or narrow road lighting application.
- Tunnel application** : can provide tunnel mounting accessories.
- Optional function** : photocell control.



### Application

For road lighting, park lighting, garden lighting.

### Certifications & Compliances

- CE
- LED Module IP68
- Power Supply IP67

### Electrical Ratings

Voltage:100-277VAC  
 Input Power:40W,80W,100W,120W  
 150W,180W,200W,240W,280W.  
 Beam Angle:90°/120°/180°

### Installation Type

Ambient Temperature: -40°C ~ +50°C  
 Relative Humidity: ≤95%.

### Weight

- 40-60W - Housing 1 - 5.5KG
- 80-120W - Housing 2 - 7KG
- 150-180W- Housing3 - 8.8KG
- 160-240W- Housing 4- 9.8KG
- 200-300W- Housing 5- 10.8KG
- Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD290-40	40W	4800lm
GLD290-80	80W	9600lm
GLD290-100	100W	12000lm
GLD290-120	120W	14400lm
GLD290-150	150W	18000lm
GLD290-180	180W	21600lm
GLD290-200	200W	24000lm
GLD290-240	240W	28800lm
GLD290-280	280W	33600lm

# INDUSTRIAL AREA

## GLD350 Series LED Street Lighting

### Design Features

- Modular structure** : Modular pluggable technology, reach IP67 protection, tool-free onsite maintenance.
- Excellent heat sink performance** : Honeycomb and whole structure cooling technology.
- Latest LED technology** : High efficiency LED >140lm/w, fixture lumen efficiency exceed 120 lm/watt.
- High reliability driver** : Famous brand driver, high reliability, efficiency > 98%, design for harshest environments.
- Easy maintenance** : Easy to replace LED module and drivers with quick-coupling connection.
- Different beam angle** : various beam angle for wide or narrow road lighting application.
- Optional function** : photocell control.



### Application

For road lighting, park lighting, garden lighting.

### Certifications & Compliances

- CE
- LED module IP68
- Power supply IP67

### Electrical Ratings

Voltage:100-277VAC  
 Input Power: 40W,50W,60W,  
 80W,100W,120W  
 Beam Angle:90°/120°/180°

### Installation Type

Ambient Temperature: -40°C ~ +50°C.  
 Relative Humidity: ≤95%.

### Weight

- 40-60W - Housing 1 - 4.8KG
- 80-120W - Housing 2 - 6.2KG
- Excluded mounting accessories

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD350-40	40W	4800 lm
GLD350-50	50W	6000 lm
GLD350-60	60W	7200 lm
GLD350-80	80W	9600 lm
GLD350-100	100W	12000 lm
GLD350-120	120W	14400 lm

# INDUSTRIAL AREA

## GLD650 Series Street Light

### Design Features

**Latest LED technology:** Applied with patented quadric optics non-imaging lens, luminaire efficiency over 90%.

**High reliability driver:** famous brand driver, high reliability, Efficiency>98%

**Excellent heat sink performance:** Radiator made of Aluminium alloy which has the best conductivity.

**Excellent heat sink performance:** Using aluminum base, die-casting aluminum housing and whole light heat dissipation design.

**Good weather-proof performance:** The lamp has been designed a respiratory system to ensure the dust resistance and water resistance and self cleaning ability.



### Application

Widely used for road lighting, park lighting, residential area, yard park, industrial area, petrol station, parking Lot.

### Certifications & Compliances

CE IP66

### Electrical Ratings

Voltage:100-277VAC  
Input Power: 20W,30W,50W,70W, 100W,150W.

### Installation Type

Pole Mounting

### Weight

2.0Kg(20W /30W)/2.5Kg(50W)  
3.5Kg(70W)/ 3.7Kg(100W)/ 5.3Kg(150W)

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLD650-20W	20W	2400 lm
GLD650-30W	30W	3600 lm
GLD650-50W	50W	6000 lm
GLD650-70W	70W	8400 lm
GLD650-100W	100W	12000 lm
GLD650-150W	150W	18000 lm

# INDUSTRIAL AREA

## GLS740 Series Solar Street Light

### Design Features

**Modular structure:** Modular pluggable technology, reach IP67 protection, tool-free onsite maintenance.

**Excellent heat sink performance:** Honeycomb and whole structure cooling technology.

**Latest LED technology:** High efficiency LED>140lm/w, fixture lumen efficiency exceed 120 lm/watt.

**High reliability driver:** With mono Crystalline Silicon Solar panel, Li-FePO4 battery.

**Easy maintenance:** Easy to replace LED module and drivers with quick-coupling connection.

**Different beam angle:** various beam angle for wide or narrow road lighting application.

**Optional function:** photocell control.



### Application

For road lighting, the main roads and secondary roads and branches, factories, schools, gardens, city square, street, alley, courtyard etc.

### Certifications & Compliances

CE IP66

### Electrical Ratings

Voltage:100-277VAC  
Input Power: 10W,15W,30W,40W

### Luminaire Models

Model No.	Rated Power	Luminous Flux
GLS740-10W	10W	1200 lm
GLS740-15W	15W	1800 lm
GLS740-30W	30W	3600 lm
GLS740-40W	40W	4800 lm

### Installation Type

Pole Mounting

### Weight

2.0Kg(10W)/2.5Kg(15W)  
2.5Kg(30W)/ 2.5Kg(40W)

# CUSTOMERS



Qinsun provides high quality and professional products for global customers.  
Technology Innovation, Self-Motivation, Qinsun aims to be leader of LED Industrial Lighting!

# PROJECTS







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