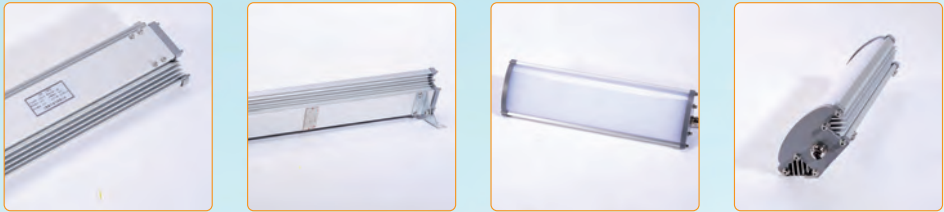


GLD230

- Power LED, service life over 60,000 hours
- Over 50% less energy consumption comparing to HID
- Easy to install, low maintenance costs
- Soft and bright illumination
- Different length available
- IP65, WF2, against rain, moisture, dust and corrosion



FEATURES

- Energy-efficient: compared with conventional lighting, LED consumes up to 85% less energy.
- Long life: last to 60,000h rated life or more, 50 times of incandescent bulbs, 8 times of fluorescent lamps.
- Weather proof: reach IP65 and WF2 standards, which provide maximum performance against rain, moisture, cold, corrosion and dust.
- Wide voltage range: AC220V type can operate within 90-260V range.
- Good EMC: excellent electromagnetic compatibility and anti-interference.
- SMT technology: surface mounting technology keeps low working temperature of LED chip.
- Dual-chamber structure: independent chambers for light source, driver and wiring ensure longer driver life.
- Standard material: copper-free Aluminum housing, surface with epoxy powder coating, impact-resistant PC lens and stainless steel external hardware.
- The transparent PC cover contains light diffusion agent, it's anti-UV, impact-resistant, and for ambient temperatures of -40°C to +60°C.

Application sectors:



SPECIFICATION

Standards	IEC60598-1, IEC60598-2-1, IEC61000-3-2, IEC61347-2-3		
Rated Voltage	AC/DC 220V(*1) 50/60Hz		
Housing Type	I	II	III
Rated Wattage	9W(*2)	18W(*2)	36W
Luminous Flux	900Lm	1800Lm	3600Lm
Color Temperature	5000-5500K(3000K optional)		
IP Grade	IP65		
Corrosion-proof Grade	WF2		
Ambient temperature	-20°C~ +60°(-40°C optional)		
Cable Entry	M12 threads, for cables Φ6mm~Φ8mm		
Terminals	wires≤2.5mm²		
Installation	Bracket(Wall/Ceiling/Pendant pole/Pedant chain/Bent pole/Fence/Flange)		

Remark:

- 1:AC/DC110V, DC36V, DC24V, DC12V is optional.
- 2: Available for emergency type.

MECHANICAL FEATURES

Body: Copper-free content aluminum alloy

Len: Anti-UV, fiberglass-reinforced and impact resistant polycarbonate for temperatures of -40°C

Gaskets: Acid/hydrocarbon resistant silicone gasket for temperatures of -50°C

Bolts and screws: Stainless steel

Entries: M12 threads

Coating: Epoxy coating(grey)

Corrosion resistance: The STANDARD of the Aluminum alloy used by Qinsun has passed the tests required by standards EN60068-2-30 (hot/humid cycles) and EN60068-2-11 (salt mist tests)

PRODUCT SPECIFICATION

Standard Type						
Product Code	Rated Power	Rated Voltage	Cable Entry	IP Grade	Housing Type	Weight (kg)
GLD230-9	9W	AC220V	M12	IP65	I	1.1
GLD230-18	18W	AC220V	M12	IP65	II	2.0
GLD230-36	36W	AC220V	M12	IP65	III	2.8

Emergency Type						
Product Code	Rated Power	Emergency Power	Emergency Duration	Battery Capacity	Housing Type	Weight (kg)
GLD230E-9	9W	9W	60min	12V, 1500mAH Li	Extra battery	2.1
GLD230E-18	18W	9W	60min	12V, 1500mAH Li	Extra battery	3.0

▣ Housing dimension see GLD230 series dimensional drawings.

ORDERING REQUEST/ACCESSORIES AVAILABLE

Different rated voltages

Different installation method

Different color temperature

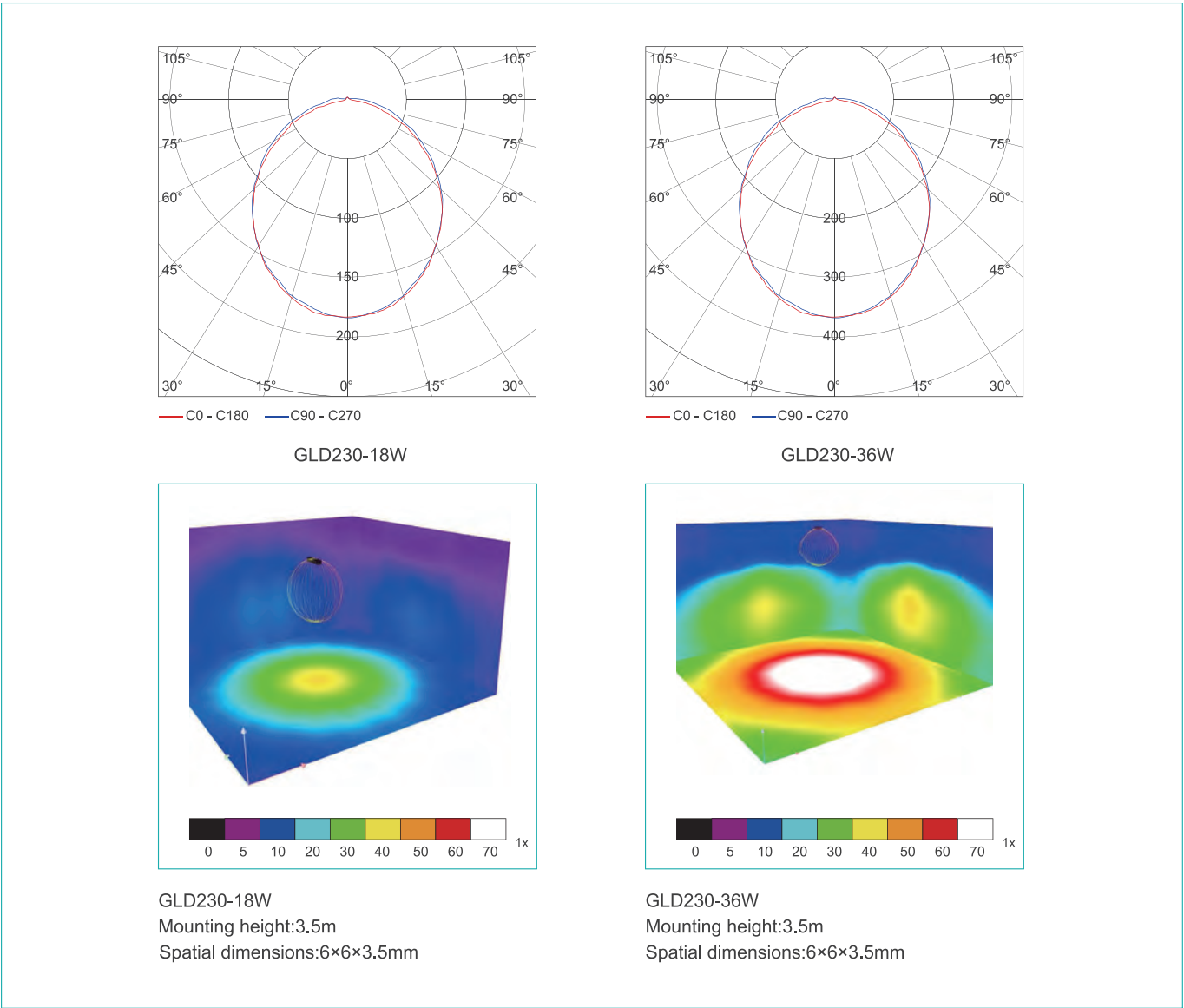
Cable gland/terminal box

APPLICATION AREAS

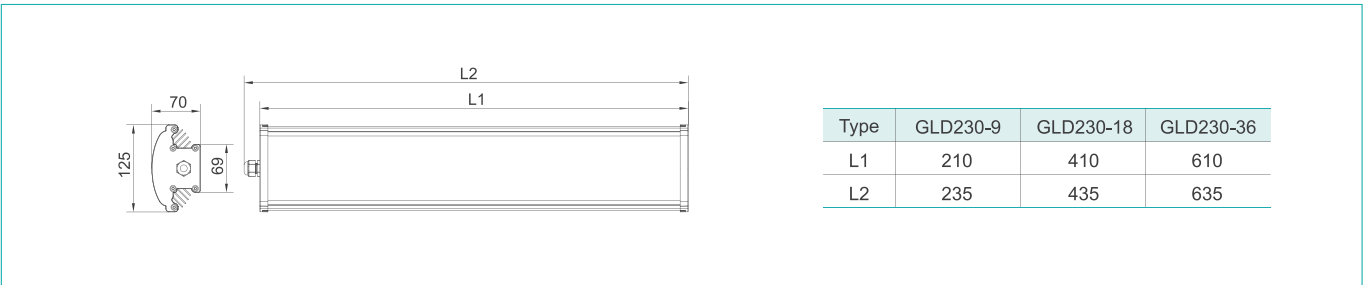
Widely used in harsh and hazardous environments which is wet, dusty and corrosive, such as industries of Petroleum Industry, Petrochemical Industry, Shipping Industry, Mining Industry, Military Industry, Metallurgical Industry, Power Generation Industry, Power Transmission Industry, Railway Industry, Public Security and Fire Fighting, etc.

Remark: none explosion-proof function.

LIGHT DISTRIBUTION CURVE

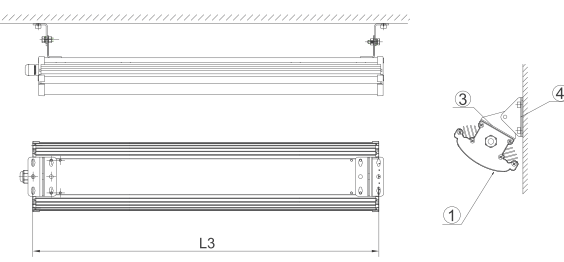


DIMENSIONS

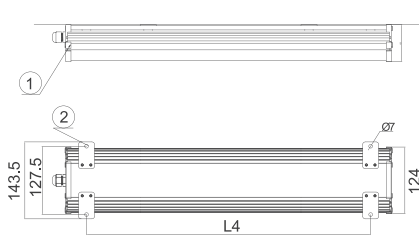


INSTALLATION

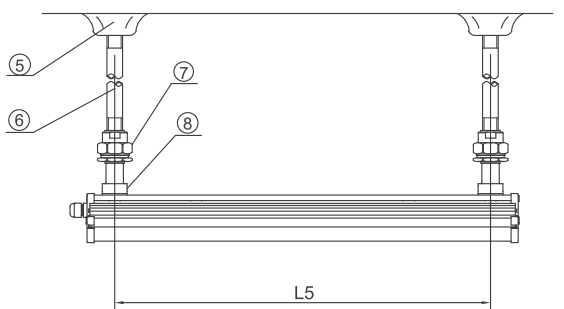
Bracket(angle adjustable)



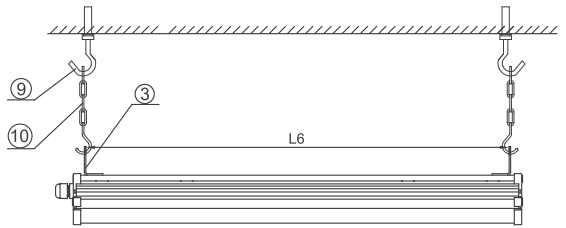
Ceiling



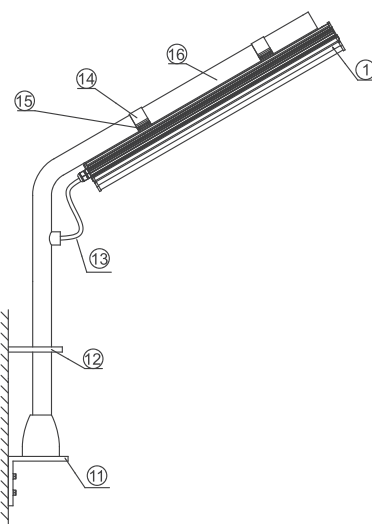
Pendant pole



Pendant chain



Bent pole

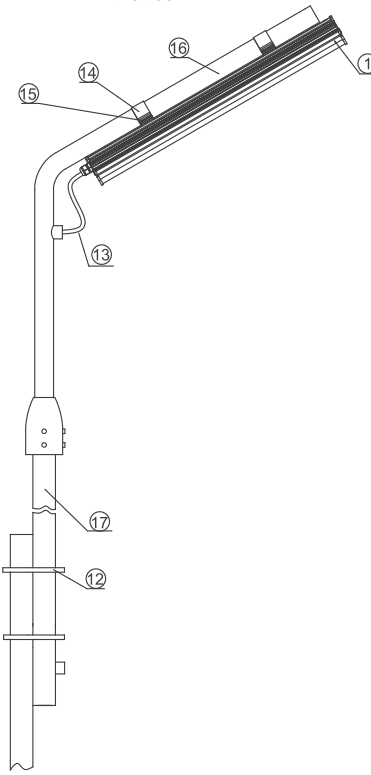


>Mounting dimensions

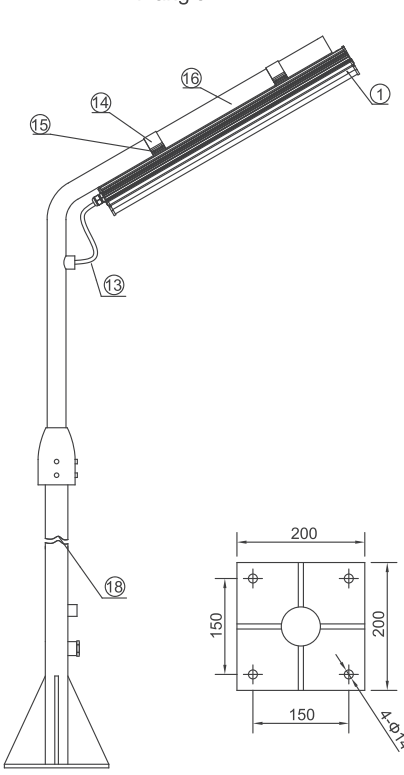
Type	L3	L4	L5	L6
GLD230-36	611	130	130	574
GLD230-18	411	330	330	374
GLD230-9	211	530	530	174

INSTALLATION

Fence



Flange



>Table of Spare parts

No.	Item	Remark	No.	Item	Remark
①	LED Light Fitting		⑩	Chain	200mm~400mm
②	Bracket 1		⑪	Bent pole bracket	
③	Bracket 2		⑫	U type clamp	Supplied by user
④	Bracket 3		⑬	Flexible connecting pipe	Supplied by user
⑤	Sucker G3/4"		⑭	Bracket 5	
⑥	Straight pipe G3/4"	300mm	⑮	Bent pole	
⑦	Union coupling G3/4"(F) G3/4"(M)		⑯	Upright pole G1 1/2"	Flange type
⑧	Bracket 4		⑰	Upright pole G1 1/2"	Fence type
⑨	Expansion screw				

>Selection of Installation Accessories

Installation	Accessories supplied
Ceiling	Please refer to ② in Outline and Installation Dimension Table
Wall	Please refer to ③ ④ in Outline and Installation Dimension Table
Pendant-pole	Please refer to ⑤ ⑥ ⑦ ⑧ in Outline and Installation Dimension Table
Pendant-chain	Please refer to ③ ⑨ ⑩ in Outline and Installation Dimension Table
Bent pole	Please refer to ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ in Outline and Installation Dimension Table
Flange	Please refer to ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ in Outline and Installation Dimension Table
Fence	Please refer to ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ in Outline and Installation Dimension Table