

GLD290W

- Power LED, service life over 60,000 hours
- Over 50% less energy consumption comparing to HID
- Easy to install, low maintenance costs
- Various application for tunnel, street, mining lighting
- IP67, 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: LED module reaches IP68, power supply reaches IP67, which provide maximum performance against rain, moisture, cold, corrosion and dust.
- Wide voltage range: AC220V type can operate within 90-260V range.
- SMT technology: surface mounting technology keeps low working temperature of LED chip.
- Modular pluggable technology, tool-free onsite maintenance.
- Honeycomb briquette burning effect and the whole structure cooling technology.
- “Ultra Robust” module technology, single LED’s or unit’s damage doesn’t affect other units’ current.
- Multi-circuit constant-current driver, single module hot-pluggable.
- Ergonomic light distribution to achieve even illuminating effect.
- Free serialization and various power solutions.
- Various application as tunnel lighting, street lighting or mining lighting, etc.

Application sectors:



Oil refineries



Chemical and petrochemical plants



Onshore plants



Offshore plants



Low temperatures



Fuel depots



Fuel tanker loading/unloading areas

SPECIFICATION

Standards	IEC60598-1, IEC60598-2-1, IEC61000-3-2, IEC61347-2-3		
Rated Voltage	AC/DC 220V(*1) 50/60Hz		
Rated Wattage	100W	150W	200W
Luminous Flux	10000Lm	15000Lm	20000Lm
Housing Type	I	II	III
Color Temperature	3000-6000K		
IP Grade	LED module IP68, power supply IP67		
Corrosion-proof Grade	WF2		
Ambient temperature	-20°C~ +60°(-40°C optional)		
Light Distribution Curve	Bat-wing		
Surge Voltage	10KV		
Peak Lighting Angle	125°		
Wind Index	Force 12		
Cable Entry	for cables Φ10mm~Φ14mm		
Terminals	wires≤2.5mm²		
Installation	Bracket(tunnel, street, mining)		

Remark:

1: AC/DC110V, DC36V, DC24V, DC12V are optional.

MECHANICAL FEATURES

Body: Copper-free content aluminum alloy

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Lens: Shock and temperature resistant Polycarbonate lens

Bolts and screws: Stainless steel

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	IP Grade	Housing Type	Weight (kg)
GLD290W-100	100W	AC220V	IP67	I	6.3
GLD290W-150	150W	AC220V	IP67	II	7.3
GLD290W-200	200W	AC220V	IP67	III	8.3

⚠ Housing dimension see GLD290W series dimensional drawings.

ORDERING REQUEST/ACCESSORIES AVAILABLE

Different rated voltages

Different installation method

Different color temperature

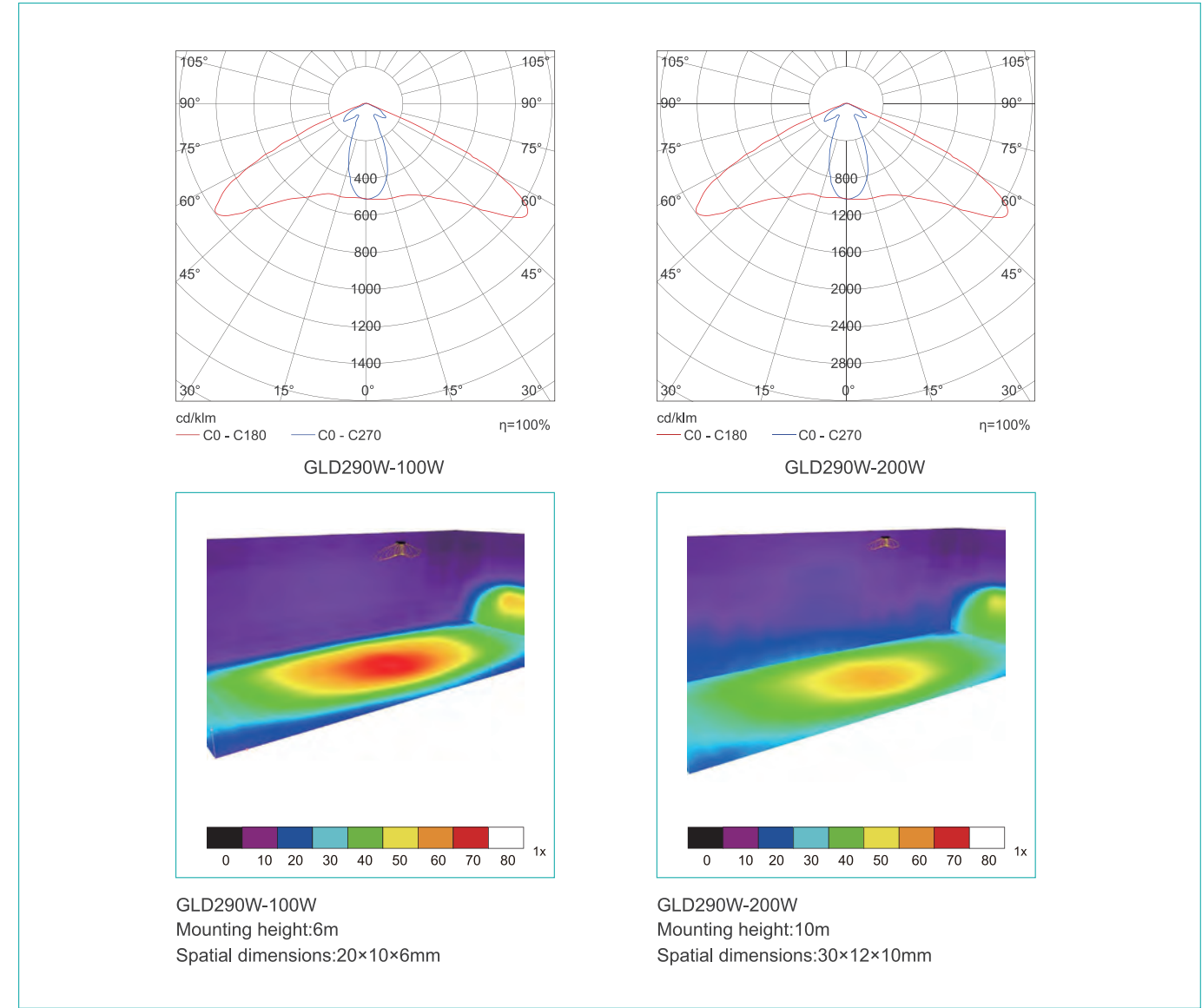
Cable gland/terminal box

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

