



LED explosion-proof light Light BRIGHTEN YOUR LIFE

NEW LED TECHNOLOGY THAT ALLOWS THE
COEXISTENCE OF ENVIRONMENTAL
PROTECTION AND ENERGY SAVING

Key Features

- High quality SMT LED and Meanwell driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- The average service life of up to 100,000 hours
- IP 66 Waterproof
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.

Value-Added Features

- 10kV surge protection.
- up to ten years limited warranty option.
- Emergency battery back up.
- Linear explosion-proof lights DL52 For Zone 1 and Zone 2 Area
- Various installation ways for different applications.
- Glass lens or glass with polycarbonate lens to make bigger beam angle.
- Customized motion sensor
- Advance Smart System options- WIFI & Bluetooth



BB-GKD-XXX-F2

Materials

- ★ Housing: Aluminium die casting
- ★ Diffuser: Tempered glass
- ★ Bolts: Thickened PC cover
- ★ Mounting Bracket: Stainless steel

Basic Data

Part Number	Wattage	CCT	Voltage Options	Lumens	Warranty	CRI	Emergency Time
BB-GKD-20W-F2	20W	4000K-5700K	AC100-277V □ AC200-480V □	2800lm	5 Years	>80	3 Hours
BB-GKD-40W-F2A	40W			5600lm			
BB-GKD-40W-F2B	40W			5600lm			
BB-GKD-60W-F2	60W			8400lm			
BB-GKD-75W-F2	75W			10500lm			

Applications

Oil and Gas industry

- ★ All petroleum production and refining
- ★ Petroleum loading and transportation
- ★ Petroleum storage and retail
- ★ LNG industry
- ★ All mining operations and service

Chemical industry

- ★ All types of paint facilities
- ★ Chemical production and storage

Ocean, marine and aerospace field

- ★ Ocean platform operation facilities and structure
- ★ Aerospace clean room and production
- ★ Ocean vessel operations

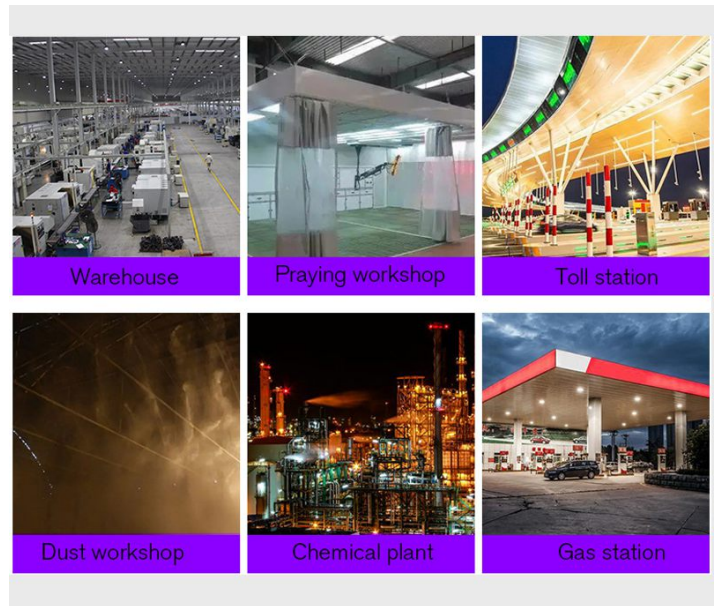
Metal treatment

- ★ Steel and aluminum factories
- ★ Pumping stations in any environment
- ★ Metal smelting, foundry and fabrication

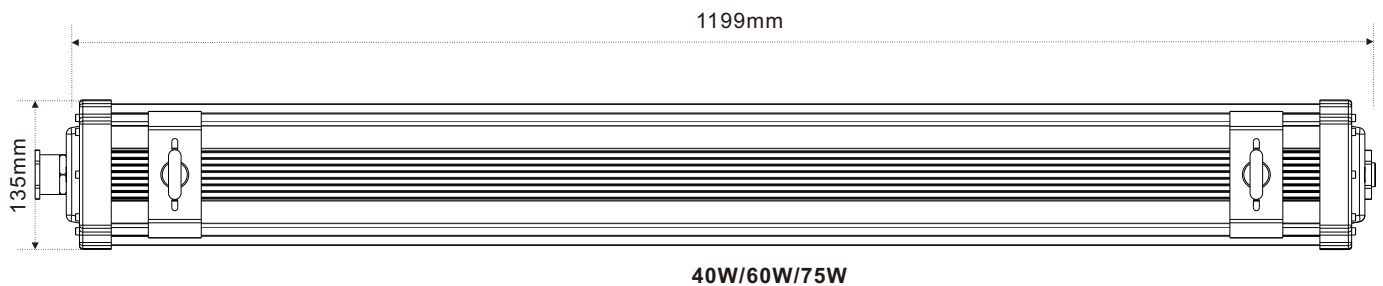
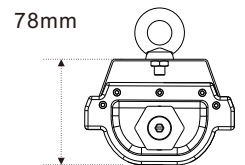
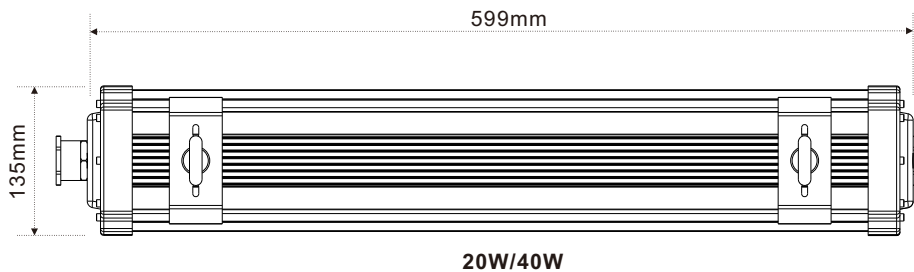
Food and alcohol industry

- ★ Flour and fine particle production and storage
- ★ Food and distilling production
- ★ alcohol industry

Other high humidity, high dust, high temperature, vapor locations



Specifications



Installation Manual

READ INSTRUCTIONS CAREFULLY BEFORE INSTALLING. KEEP THIS INSTRUCTIONS FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National electrical code and all applicable local codes. Proper grounding is required for safety.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A QUALIFIED ELECTRICIAN WHO IS FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

Warning: Risk of fire or electric shock. High bay Light installation requires knowledge of luminaires and electrical systems. If not qualified, DO NOT try to install. Please contact an electrician.

Warning: Risk of fire or electric shock. Suitable for wet locations. Make sure the power is off premier to install.

Warning: Risk of fire or electric shock. Suitable for non-insulated surface and frame. DO NOT cover fixture with insulation liner or similar material.

Warning: DO NOT install in unstable, loose or breakable surfaces.

Warning: DO NOT let objects impact or exert force on the surface of the fixture.

Installation drawing

