

# Explosion Proof LED HighBay Light

## 20-240W

### GKGYD 6000 Series



#### ■ Features:

- Zone 1&2, Zone 21&22
- Instant on crisp white light output
- High efficiency drivers and LEDs provide, low cost operation in harsh and heavy industrial applications
- Isolated LED compartment reduces temperature within driver housing
- Multi choice of beam angle for 45° 90°

120°

II 2G II 2 G Ex db eb IIC T6 Gb  
II 2D II 2 D Ex tb IIIC T80°C Db IP66

Application: Zone 1, 2 & 21, 22

Voltage: 100-277 VAC, 50/60HZ

Light source: CREE

led beam angle 120 degree

CCT: 6000K CRI:80 (±2)

Luminaire efficiency:130Lm/W

Driver brand: MEANWELL

#### Applications

- Typical applications include:
- Oil and gas industries
- Chemical, petrochemical
- Pharmaceutical industries
- Pulp and Paper
- Waste and sewage treatment
- Power Generation

#### Standard Materials

- Housing: Die-casting aluminum
- Exterior: Stainless steel
- Globe: Tempered glass
- Gasket: Silicon rubber

#### Certifications

ATEX  
CNEX  
CE  
RoHS  
ISO9001

# Explosion Proof LED HighBay Light

## 20-240W

### GKGYD 6000 Series



GKGYD6201

GKGYD6202

GKGYD6203

GKGYD6204



#### Explosion protection

European (ATEX) Gas and Dust	<b>CE 1282</b> II 2G Ex db eb IIC T6 Gb <b>CE 1282</b> II 2D Ex tb IIIC T80°C Db IP66
For use in	Zone 1, 2 & Zone 21, 22

#### Electrical data

Rated voltage	100-277VAC, 50-60Hz
Power factor	>0.95
THD	<20%

#### Luminous characteristics

Power consumption [W]	20 ~ 70	80~120	150~ <b>200</b>	220-300
Colour rendering [CRI]	80 (±2)			
Colour temperature [K]	6000K			
Luminaire efficiency [Lm/W]	140			
Beam angle	<b>120°</b> (45°, 90° is optional)			

#### Mechanical data

Degree of protection	IP66			
Cable entry	G 3/4"			
Dimension[mm]	270*270*170	<b>320*320*170</b>	<b>360*360*170</b>	400*400*175
Weight [kg]	5.25	6.5	8.6	10.7
Terminal	≤2.5 mm <sup>2</sup>			
Mounting Styles	Ceiling; Wall Bracket; Pendant			

# Explosion Proof LED HighBay Light

## 20-240W

### GKGYD 6000 Series



**GK**  
LIGHTINGS

#### Dimension

