

# Ex Explosion proof LED Light GYD210



## Applications

- Hazardous: Zone 1 and Zone 2, gas and dust classification: IIA, IIB, IIC.
- Adapt in areas for flammable or explosive vapors or gases presented, both indoors and outdoors where temperatures of T4/T6, long working life and low maintenance are requested.
- Petroleum refineries, chemical, petrochemical and pharmaceutical plants, oil terminals, gas station, power plant and other heavy treatment facilities.

## Features

- Explosion proof ATEX Authorized and CE, ISO, RoHS certified.
- Aluminum alloy heat fins, epoxy powder coated, good heat dissipation, surface temperature  $<85^{\circ}\text{C}$ , adapt to explosive gas atmosphere temperature T4/T6.
- Excellent silicon&glue gasketing sealed, achieve IP65/IP66 dust&water proof, guarantee operation stable in hazardous gas area, WF1 /WF2 corrosive zone.
- Multi-mounting arrangements to suit any lighting layout. High bay model 210Z is upgraded with ex proof lampshade.
- Original Bridgelux LED chip 120lm/w and Cree LED chip 130lm/w optional.
- As strategic cooperater with Meanwell, all our lights are assembled original meanwell LED driver, bright illumination,  $>50000$  hour worklife.

<b>Product type</b>	<b>GYD210 LED Explosion Proof Light</b>
	<b>GYD210Z LED Explosion Proof High Bay Light</b>
<b>Explosion proof classify</b>	<b>Exd IICT6</b>
<b>Power</b>	<b>20/30/40/50/60/80/100/120/150/180 / 250/300w</b>
<b>Certificate</b>	<b>CE ATEX ISO RoHS</b>
<b>LED source</b>	<b>Original Bridgelux and Cree optional</b>
<b>Driver</b>	<b>Meanwell driver</b>
<b>Lumen efficiency</b>	<b>130lm/w (LED itself: 145-155lm/w)</b>
<b>Color temperature</b>	<b>5500k-7000k</b>
<b>CRI</b>	<b>&gt;80</b>
<b>Power factor</b>	<b>&gt;0.95</b>
<b>IP grade</b>	<b>IP65 / IP66</b>
<b>Corrosion proof</b>	<b>WF1 / WF2</b>
<b>Lamp body material</b>	<b>Aluminum alloy</b>
<b>Lens material</b>	<b>Tempered glass</b>
<b>Working Life</b>	<b>50,000hours</b>
<b>Warranty</b>	<b>3 years or 5 years</b>

## Installation Diagram

