# FGHL-F13ab

## Explosion-proof LED Lighting Fixture
## FGHL-F13ab** series for Hazardous Location

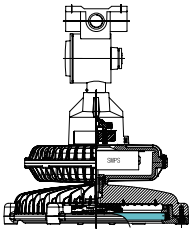


**Protection Grade**

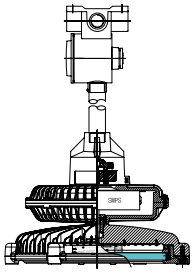
IECEx : Ex db ⅡC T5 Gb / Ex tb ⅢC T83°C / T95°C Db IP66

ATEX : Ⓔx Ⅱ2 G Ex db ⅡC T6 / T5 Gb / Ⓔx Ⅱ2 D Ex tb ⅢC T83°C / T95°C Db IP66

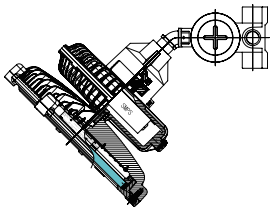
### Drawing



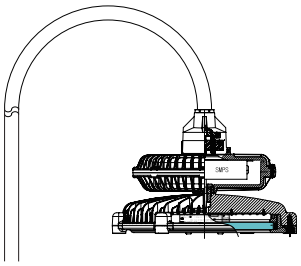
Ceiling Type



Pendant Type



Wall Mount Type



Goose-neck Type

### Standard Material

- **Main Body :** Die-Cast Aluminium Alloy
- **Holder :** Die-Cast Aluminium Alloy
- **Glass :** Heat Resistant Hard Glass
- **SMPS Housing :** Die-Cast Aluminium Alloy
- **Mounting Box :** Die-Cast Aluminium Alloy
- **Bolt & Washer :** Stainless Steel

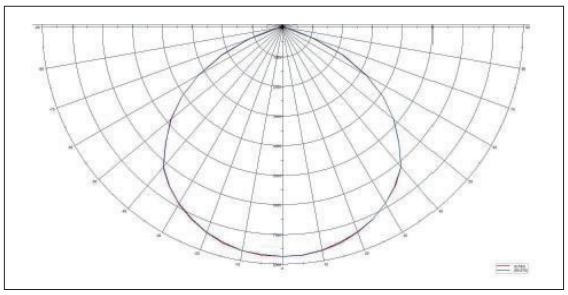
### Standard Color

- Munsell no. 7.5BG 6/1.5
  If you want other color, contact us please.

### Technical Data

- **Rated Voltage :** AC 100~240V Below
- **Rated Wattage :** 100W/150W/200W
- **Rated Frequency :** 50Hz/60Hz
- **Entry Size :** 3/4"(22C), 1"(28C)
- **Tamb** : -20°C ≤ Ta ≤ +50°C

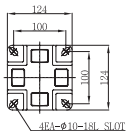
### Light Distribution Curve



### Weight

| Mounting Typed | Model No. | Weight |
|---|---|---|
| Ceiling | FGHL-F13**-C | 14.3kg |
| Pendant | FGHL-F13**-P | 15kg |
| Wall | FGHL-F13**-W | 14.5kg |
| Goose-neck | FGHL-F13**-15 °/30 °/ 45 ° | |
| Pole | FGHL-F13**-OP | |

### Mounting Box Hole Size




| Appearance | Hole space |
|---|---|
| 124 × 124 | 100 × 100 |

### Ordering Number

| Lamp | Watt | Ceiling Type | Pendant Type | Wall Mount Type | Goose-neck Type | Pole Type |
|---|---|---|---|---|---|---|
| LED | 100W | FGHL-F1310-C | FGHL-F1310-P | FGHL-F1310-W | FGHL-F1310-15 ° | FGHL-F1310-OP |
| LED | 150W | FGHL-F1315-C | FGHL-F1315-P | FGHL-F1315-W | FGHL-F1315-30 ° | FGHL-F1315-OP |
| LED | 200W | FGHL-F1320-C | FGHL-F1320-P | FGHL-F1320-W | FGHL-F1320-45 ° | FGHL-F1320-OP |