# Flameproof & Explosion proof Bulk Head

## IFB10

**Ex d IIC T6**


IP 66 | IK 07

## Features

- Fire & Ignition proof.
- Soft and comfortable light to relieve the fatigue of eyes.
- Excellent CRI for actual colour reproduction.
- Energy saving efficiency and low heat produce.
- AL die-cast housing for excellent heat management.
- Quick installation, special design,
- Highly reliable professional design.

## Applications

- Chemical Industry, Paint Industry,
- Fertilizer Industry, Oil & Gas Industry,
- LPG Bottling Industry, Pharma Industry,
- Steel Industry, Cement Industry, Mines
- Refineries & Petrochemicals.
- Tunnels

## Characteristics

**Optics**
- Borosilicate Glass Lens
- High transmission 80%
- Non-Removable

**Thermal Interface Material**
- High thermal conductivity
- Excellent heat transfer

**Heat sink**
- Aluminium - powder coated
- Excellent thermal conductivity

**LED Driver**
- Rated Supply: 240V AC, 50/60Hz
- PF > 0.95, THD <10%,
- Short circuit, open circuit,
- O/V, U/V protection

**Standards Compliance**
- IS/IEC 60079-1 : 2014
- Cat. No.: ILS/WG/1231
- IS 15885 ( Part 2/Sec 13)
- EN 61000-3-2, Harmonics Current
- EN 61000-3-3, Voltage Fluctuations, Flicker
- EN 61000-4-5, Surge Immunity
- EN 61547, EMC

**Mounting**
- U - Clamp

**Installation**
- Easy installation

**Weight**
- 4.0 Kg

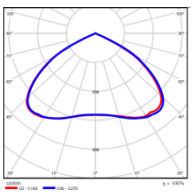
**Cable Entry**
- ¾ ET 2 Nos.

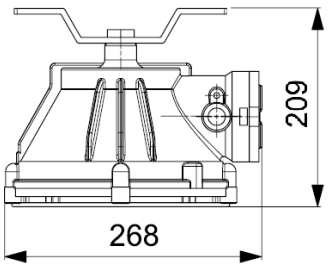
| | |
|---|---|
| | 20W / 30W / 45W |
| | 100 lm/W |
| | 6500K / 5000K / 3000K |
| Ra | >70 |
| | Glass Lens – 120° |
| | 90-305V AC, 50Hz |
| | Fulham / ILS |
| | In-Built, Surge 4Kv |
| | Non dimmable |
| | COB, Citizen / Bridgelux , SDCM <3 |
| | Ta: -10°C to 45°C |
| 50000h | Lifespan >50000h @ L70 B50 |

## Housing Color

Powder Coated – Light Grey Glossy (RAL631)

## Distribution Curve



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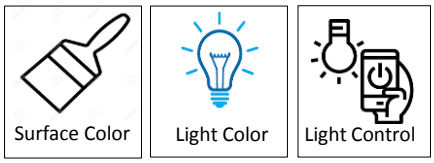
# *Flameproof & Explosion proof Bulk Head*

## *Product Code*

| Product Code | System Power (W) | System Lumen (Lm) | CRI (Ra) | Color Temp (CCT) | Body Color | Beam Angle | Diming | Weight (Kg) |
|---|---|---|---|---|---|---|---|---|
| IFB10-020CU765GENXX | 20 | 2000 | 70 | 6500K | Grey | 120° | Non-Dim | 4.0 |
| IFB10-030CU765GENXX | 30 | 3000 | 70 | 6500K | Grey | 120° | Non-Dim | 4.0 |
| IFB10-045CU765GENXX | 45 | 4500 | 70 | 6500K | Grey | 120° | Non-Dim | 4.0 |

## *Custom Order*




## *Accessories*

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