

IFC50

Ex d IIB T6



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

- Hospitals,
- Food processing Industry
- Pharmaceutical Industry
- Gas stations



Characteristics

Optics

- Borosilicate Glass Lens
- High transmission 93%
- 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 : 2007
- Cat. No.: ILS/1233
- 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

- Recess

Installation

- Easy installation

Weight

- 7.2 Kg

Cable Entry

- ¾ ET 2 Nos.



80W / 100W



120 lm/W



6500K / 5000K / 3000K



>70



Glass Lens – 120°



90-305V AC, 50/60Hz



Inventronics



In-Built, Surge DM 4Kv CM 6Kv



Non dimmable



COB, Citizen / Bridgelux , SDCM <3



Ta: -10°C to 45°C



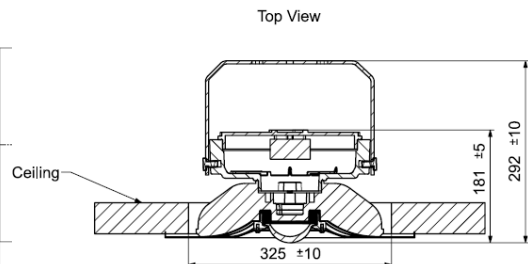
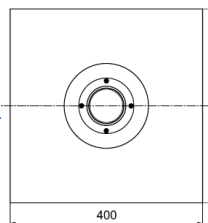
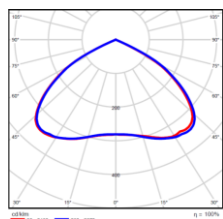
Lifespan >50000h @ L70 B50

Housing Color



Powder Coated – DA Grey Glossy (RAL-7021)

Distribution Curve



Cut out Dimension: 325X325
Tolerance: 10mm



Product Code



Product Code	System Power (W)	System Lumen (Lm)	CRI (Ra)	Color Temp (CCT)	Body Color	Beam Angle	Diming	Weight (Kg)
IFC50-080CR765GENXX	80	9600	70	6500K	Grey	120°	Non-Dim	7.2
IFC50-100CR765GENXX	100	6000	70	6500K	Grey	120°	Non-Dim	7.2

Custom Order



Accessories

Part No	Description
GLND0007	Stopping Plug – Brass – 3/4"
GLND0021	Double compression gland – Brass – 3/4"

