

IFS50

Ex d IIC T5



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

- Road ways, Parking Area,
- Petroleum Storage Station,
- Chemical Industry, Paint Industry,
- Fertilizer Industry, Oil & Gas Industry,
- LPG Bottling Industry, Pharma Industry,
- Steel Industry, Cement industries, Mines
- Refineries & Petrochemicals



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 : 2014
- 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

- Pole OD 50 mm

Installation

- Easy installation

Weight

- 7.0 Kg

Cable Entry

- M20-2 Nos.



80W / 100W / 120W / 150W



120 lm/W



6500K / 5000K / 3000K



>70



Glass Lens – 120° / 90°



90-305V AC, 50Hz



Inventronics



In-Built, Surge DM 4Kv CM 6Kv



Non dimmable



COB, Citizen / Bridgelux , SDCM <3



Ta: -10°C to 45°C



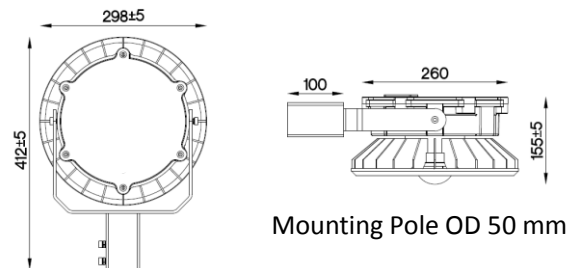
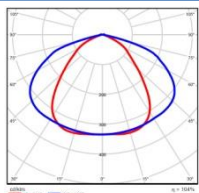
Lifespan >50000h @ L70 B50

Housing Color



Powder Coated – DA Grey Glossy (RAL-7021)

Distribution Curve



Product Code



Product Code	System Power (W)	System Lumen (Lm)	CRI (Ra)	Color Temp (CCT)	Body Color	Beam Angle	Diming	Weight (Kg)
IFS50-080CP765GENXX	80	9600	70	6500K	Grey	120°	Non-Dim	7.0
IFS50-100CP765GENXX	100	12000	70	6500K	Grey	120°	Non-Dim	7.0
IFS50-120CP765GENXX	120	14400	70	6500K	Grey	120°	Non-Dim	7.0
IFS50-150CP765GENXX	150	18000	70	6500K	Grey	120°	Non-Dim	7.0
IFS50-080CP765GWNXX	80	9600	70	6500K	Grey	90°	Non-Dim	7.0
IFS50-100CP765GWNXX	100	12000	70	6500K	Grey	90°	Non-Dim	7.0
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Custom Order

Accessories



1 Oct 2020-31 Dec 2020

