

IFW12

Ex d IIC 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

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



Characteristics

Optics

- Borosilicate Diffused Glass
- 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

- Pendant – Eye Bolt (Default)
- Pendant – C- Clamp (Optional)

Installation

- Easy installation

Weight

- 4.0 Kg

Cable Entry

- M20 2 Nos.



20W / 30W / 45W



100 lm/W



6500K / 5000K / 3000K



>70



Diffused – Wide >160°



90-305V AC, 50Hz



Inventronics / Fulham / ILS



In-Built, Surge DM 4Kv CM 6Kv



Non dimmable / 1-10V / DALI



COB, Citizen / Bridgelux , SDCM <3



Ta: -10°C to 45°C



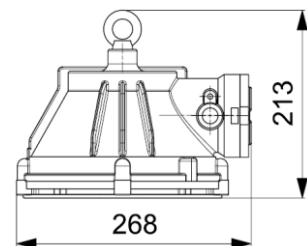
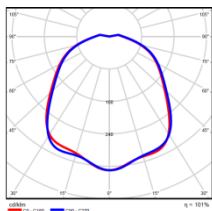
Lifespan >50000h @ L70 B50

Housing Color



Powder Coated – Light Grey Glossy (RAL631)

Distribution Curve



Product Code



Product Code	System Power (W)	System Lumen (Lm)	CRI (Ra)	Color Temp (CCT)	Body Color	Beam Angle	Diming	Weight (Kg)
IFW12-020CE765GDNXX	20	2000	70	6500K	Grey	Diffused	Non-Dim	4.0
IFW12-030CE765GDNXX	30	3000	70	6500K	Grey	Diffused	Non-Dim	4.0
IFW12-045CE765GDNXX	45	4500	70	6500K	Grey	Diffused	Non-Dim	4.0
IFW12-020CE765GDAXX	20	2000	70	6500K	Grey	Diffused	1-10V	4.0
IFW12-030CE765GDAXX	30	3000	70	6500K	Grey	Diffused	1-10V	4.0
IFW12-045CE765GDAXX	45	4500	70	6500K	Grey	Diffused	1-10V	4.0
IFW12-020CE765GDDXX	20	2000	70	6500K	Grey	Diffused	DALI	4.0
IFW12-030CE765GDDXX	30	3000	70	6500K	Grey	Diffused	DALI	4.0
IFW12-045CE765GDDXX	45	4500	70	6500K	Grey	Diffused	DALI	4.0

Custom Order



Accessories



U Clamp Option

Use U in place of E



IFW12-045CE865GDNXX

