IWF21

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Features

- 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

- City Crossings, Area Lighting
- Railways Yards, Shipping Yards
- Toll Plaza, Big Public Gathering,
- Industries, Air Plane Docking 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 10322
- 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

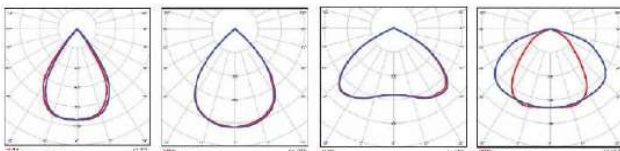**Weight**
- 6.5 Kg

Cable Entry
- 1 Nos.

Housing Color

Powder Coated – Grey (RAL 7024)

Powder Coated – Black (RAL 9005)

Distribution Curve

Icon	Specification
⚡	140W / 150W / 160W
☀	120 lm/W
🔔	6500K / 5000K / 3000K
Ra	>80
▲	Glass Lens – 60° / 90° / 120° / 120°x60°
	90-305 V AC, 50Hz
	Inventronics
	In-Built, Surge DM 6Kv CM 10Kv
	Non dimmable / 1-10V / DALI
	COB, Citizen / Bridgelux , SDCM <3
🌡	Ta: -10°C to 45°C
50000h	Lifespan >50000h @ L70 B50
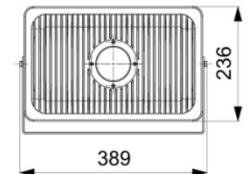
236
389
120

Product Code

Product Code	System Power (W)	System Lumen (Lm)	CRI (Ra)	Color Temp (CCT)	Body Color	Beam Angle	Diming	Weight (Kg)
IWF21-140CU865BMNXX	140	16600	80	6500K	Black	60°	Non-Dim	6.5
IWF21-140CU865BWNXX	140	16600	80	6500K	Black	90°	Non-Dim	6.5
IWF21-140CU865BENXX	140	16600	80	6500K	Black	120°	Non-Dim	6.5
IWF21-140CU865BONXX	140	16600	80	6500K	Black	120°x 60°	Non-Dim	6.5
IWF21-150CU865BMNXX	150	18000	80	6500K	Black	60°	Non-Dim	6.5
IWF21-150CU865BWNXX	150	18000	80	6500K	Black	90°	Non-Dim	6.5
IWF21-150CU865BENXX	150	18000	80	6500K	Black	120°	Non-Dim	6.5
IWF21-150CU865BONXX	150	18000	80	6500K	Black	120°x 60°	Non-Dim	6.5
IWF21-160CU865BMNXX	160	19200	80	6500K	Black	60°	Non-Dim	6.5
IWF21-160CU865BWNXX	160	19200	80	6500K	Black	90°	Non-Dim	6.5
IWF21-160CU865BENXX	160	19200	80	6500K	Black	120°	Non-Dim	6.5
IWF21-160CU865BONXX	160	19200	80	6500K	Black	120°x 60°	Non-Dim	6.5
IWF21-140CU865BMAXX	140	16600	80	6500K	Black	60°	1-10V	6.5
IWF21-140CU865BWAXX	140	16600	80	6500K	Black	90°	1-10V	6.5
IWF21-140CU865BEAXX	140	16600	80	6500K	Black	120°	1-10V	6.5
IWF21-140CU865BOAXX	140	16600	80	6500K	Black	120°x 60°	1-10V	6.5
IWF21-150CU865BMAXX	150	18000	80	6500K	Black	60°	1-10V	6.5
IWF21-150CU865BWAXX	150	18000	80	6500K	Black	90°	1-10V	6.5
IWF21-150CU865BEAXX	150	18000	80	6500K	Black	120°	1-10V	6.5
IWF21-150CU865BOAXX	150	18000	80	6500K	Black	120°x 60°	1-10V	6.5
IWF21-160CU865BMAXX	160	19200	80	6500K	Black	60°	1-10V	6.5
IWF21-160CU865BWAXX	160	19200	80	6500K	Black	90°	1-10V	6.5
IWF21-160CU865BEAXX	160	19200	80	6500K	Black	120°	1-10V	6.5
IWF21-160CU865BOAXX	160	19200	80	6500K	Black	120°x 60°	1-10V	6.5
IWF21-140CU865BMDXX	140	16600	80	6500K	Black	60°	DALI	6.5
IWF21-140CU865BWDXX	140	16600	80	6500K	Black	90°	DALI	6.5

Custom Order

Accessories

Surface Color   Light Color   Light Control

209/9, GIDC, GEB Office Road, Ankleshwar, Distt. Bharuch-393002, Gujarat, India, Email: support@ilstgroup.com,

www.ilstgroup.com

Specification are subject to change without any prior notice due to continuous improvement in LED technology

Product Code

Product Code	System Power (W)	System Lumen (Lm)	CRI (Ra)	Color Temp (CCT)	Body Color	Beam Angle	Diming	Weight (Kg)
IWF21-140CU865BEDXX	140	16600	80	6500K	Black	120°	DALI	6.5
IWF21-140CU865BODXX	140	16600	80	6500K	Black	120°x 60°	DALI	6.5
IWF21-150CU865BMDXX	150	18000	80	6500K	Black	60°	DALI	6.5
IWF21-150CU865BWDXX	150	18000	80	6500K	Black	90°	DALI	6.5
IWF21-150CU865BEDXX	150	18000	80	6500K	Black	120°	DALI	6.5
IWF21-150CU865BODXX	150	18000	80	6500K	Black	120°x 60°	DALI	6.5
IWF21-160CU865BMDXX	160	19200	80	6500K	Black	60°	DALI	6.5
IWF21-160CU865BWDXX	160	19200	80	6500K	Black	90°	DALI	6.5
IWF21-160CU865BEDXX	160	19200	80	6500K	Black	120°	DALI	6.5
IWF21-160CU865BODXX	160	19200	80	6500K	Black	120°x 60°	DALI	6.5

Custom Order   *Accessories*

Surface Color	Light Color	Light Control

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