

## IFL-A Industrial linear Fluorescent Light

LED 20-120W	2,800-16,800lm
140lm/W Efficiency	100-277V / 200-480V
Type 4X,IP66	-40 C ~ +55 C
Heavy Industry	Wet & Corrosive Location



Model	Lumens	Wattage	Lumens per Watt	Equivalent HID Luminaire
IFL-A-20W	2800	20W	140	70-100W
IFL-A-30W	42800	30W	140	100W
IFL-A-40W	5600	40W	140	100-150W
IFL-A-60W	8400	60W	140	175-250W
IFL-A-80W	11200	80W	140	320-400W
IFL-A-120W	16800	120W	140	400-600W



### Applications

- Usage by application: Interior and exterior deck, deck rail, warehouse, workshop, garage, crane machines room, pump rooms, electrical rooms, waster water treatment plants, paint spray facilities, chemical manufacturing plant, metal processing plant.
- Usage by physical places: Physical places include wall, ceiling of rooms, doorways, stairways, access ways, exit, around the machines, wash down areas, overhead, workbench, stanchion pole mount.
- Industrial led tube light are applied for areas where corrosive and extreme elements are exposed below:
  - > Industrial application: paint spray booths, non-hazardous processing center, safety workshop, bulk handling area, electrical distribution room.
  - > Warehouse application: cargos storage, machines warehouse.

### Features

Industrial linear fluorescent light IFL-A series is specifically designed to replace fluorescent T8, T12, T5 lamp for heavy and harsh industrial applications. Available in 2 foot led lights and 4 foot led lights with 2800lm and 5600lm respectively. Features in aluminum alloy housing and replacing fluorescent light fixture with led, this led linear lighting is widely used in non-hazardous area in mining, marine, wastewater treatment, food processing and heavy metal manufacturing where vibration, impact exist.

- > Integrated aluminum alloy housing resist to strong corrosion
- > 2 feet short tube and 4 feet long tube for the length
- > Maximum led 120 watts with high lumen efficiency

### Standard Materials

**Housing:** Die cast aluminum with anti-corrosion powder coat, green

**Lens:** Heat-resistant and impact-resistant tempered glass

**Gaskets:** Silicone



## Technical Datasheet

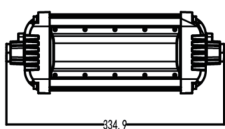
Rated Voltage	100–277V AC 50/60Hz 200–480V AC 50/60Hz					
Wattage (W)	20W	30W	40W	60W	80W	120W
Lumens (LM)	2800	4200	5600	8400	11200	16800
Color Temperature	5000K/4000K/2700K					
IP Grade	Wet Locations, Type 4X, IP66					
Ambient Temperature	–40°C ~ +55°C / –40° F ~ +131° F					
Cable Entry	NPT 3/4" or M25X1.5					
Terminals	Terminal blocks ≤ 2.5mm <sup>2</sup> , cable diameter 10–14mm					
Mounting Type	Stanchion / Ceiling / Bracket					
Beam Angle	120° / 90° / 60° / 40°					

## Catalogue Numbering System

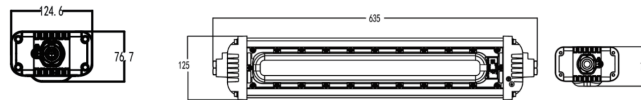
IFL-A- 20	N	C	W	1	V1	EM
Lamp	Cable Entry	Mounting Type	Color Temperature	Beam Angle	Voltage	Emergency
20–20W	N–NPT 3/4"	S–Stanchion	C–Cool(5000K)	1–120°	V1:100–277V AC	E1–120min
30–30W	M–M25x1.5	C1–Ceiling Type 1	N–Nature(4000K)	2–90°	V2:347–480V AC	E2–180min
40–40W		C2–Ceiling Type 2	W–Warm(3000K)	3–60°		
60–60W		B–Bracket		4–40°		
80–80W						
120–120W						

## Mounting Options & Dimensions (mm/inch)

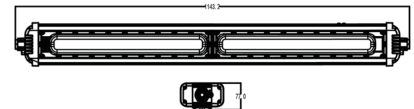
IFL-A 20W



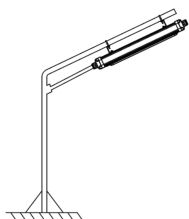
IFL-A 20–60W



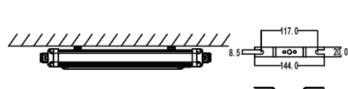
IFL-A 120W



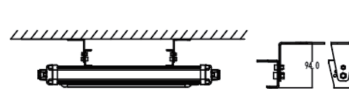
S: Stanchion Type



C1: Ceiling Type 1



C2: Ceiling Type 2



B: Bracket Type

