

IFL-B Industrial LED Linear Lighting

LED 40-120W	5,600-16,800lm
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-B-40W	5600	40W	140	100-150W
IFL-B-60W	8400	60W	140	175-250W
IFL-B-80W	11200	80W	140	320-400W
IFL-B-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, work-bench, 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 led linear lighting IFL-B series is structured with corrosive resistant aluminum alloy housing with powder coated surface for mining and metal processing, wastewater treatment, power generation, industrial manufacturing application. Available for 2ft and 4ft led panel producing 2800 and 5600 lumens, this led tube light is built up to be used to replace fluorescent light with led and worked as led warehouse lighting, industrial warehouse lighting, industrial led shop lights, instrument panel lights, paint booth lights, linear led high bays especially for hose down and corrosive environment.

- > Die cast aluminum alloy housing with separate chamber for led driver
- > 4 feet tube length for high watts 120W to work as linear high bay light for large area

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)	40W	60W	80W	120W
Lumens (LM)	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 ² , cable diameter 10–14mm			
Mounting Type	Stanchion / Ceiling / Bracket			
Beam Angle	120° / 90° / 60° / 40°			

Catalogue Numbering System

IFL-B- 20	N	C	W	1	V1	EM
Lamp	Cable Entry	Mounting Type	Color Temperature	Beam Angle	Voltage	Emergency
40–40W	N–NPT 3/4"	S–Stanchion	C–Cool(5000K)	1–120°	V1:100–277V AC	E1–120min
60–60W	M–M25x1.5	C1–Ceiling Type 1	N–Nature(4000K)	2–90°	V2:200–480V AC	E2–180min
80–80W		C2–Ceiling Type 2	W–Warm(3000K)	3–60°		
120–120W		B–Bracket		4–40°		

Mounting Options & Dimensions (mm/inch)

