

## IFL-S Industrial Stainless Steel Linear Fluorescent Light

LED 20-80W	2,800-11,200lm
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-S-1x20W	2800	LED 20W	140	70-100W
IFL-S-1x30W	4200	LED 30W	140	100W
IFL-S-2x15W	4200	LED 30W	140	100W
IFL-S-1x40W	5600	LED 40W	140	100-150W
IFL-S-2x20W	5600	LED 40W	140	100-150W
IFL-S-2x30W	8400	LED 60W	140	175-250W
IFL-S-2x40W	11200	LED 80W	140	320-400W



### 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.
- Applied for areas where corrosive and extreme elements are exposed below:
  - > Industrial application: electrical control room, cabinet, cargos holding areas, machines rooms, shipyards, fabrication workshop.
  - > Warehouse application: cargos warehouse, warehouse maintenance areas, packing areas, aisles and loading areas.

### Features

Industrial stainless steel linear fluorescent light IFL-S series is equipped with rugged stainless steel housing as an excellent lighting solution for high duty industrial location. Designed for replacing fluorescent light fixture with led, high lumen efficiency and maintenance-free features make it suitable for pharmaceutical facilities, power generation plant, sewage treatment plant and other corrosive environment.

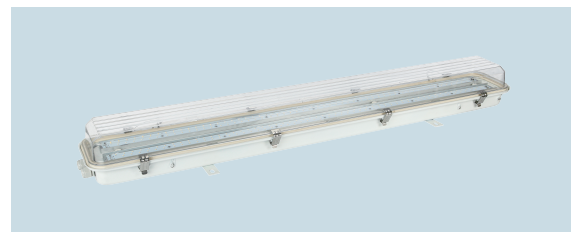
- > stainless steel material housing for corrosion and rust resistance
- > LED strip lamp for durable long listing feature for 5 years without shut-down

### Standard Materials

**Housing:** Stainless Steel

**Lens:** Polycarbonate

**Gaskets:** Silicone



## Technical Datasheet

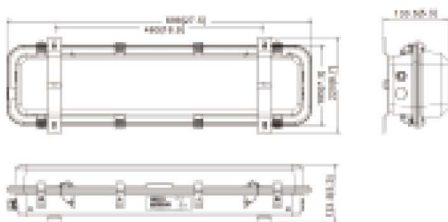
Rated Voltage	100–277V AC 50/60Hz 200–480V AC 50/60Hz						
Wattage (W)	LED 1x20W	LED 1x30W	LED 2x15W	LED 1x40W	LED 2x20W	LED 2x30W	LED 2x40W
Lumens (LM)	2800	4200	4200	5600	5600	5400	11200
Color Temperature	5000K/4000K/2700K						
IP Grade	Wet Locations, Type 4X, IP66						
Ambient Temperature	–40°C ~ +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	Ceiling / Chain / Pole						
Beam Angle	120° / 90° / 60° / 40°						

## Catalogue Numbering System

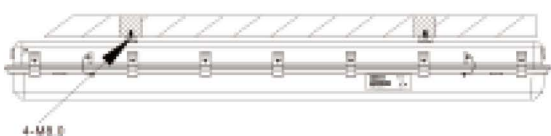
IFL-S- 80		N	C	W	1	V1	EM
Lamp		Cable Entry	Mounting Type	Color Temperature	Beam Angle	Voltage	Emergency
LED 1x20W	LED 2x20W	M–M25x1.5	C–Ceiling	C–Cool(5000K)	1–120°	V1:100–277V AC	E1–120min
LED 1x30W	LED 2x30W		D–Chain	N–Nature(4000K)	2–90°	V2:200–480V AC	E2–180min
LED 2x15W	LED 2x40W		P–Pole	W–Warm(3000K)	3–60°		
LED 1x40W					3–40°		

## Mounting Options & Dimensions (mm/inch)

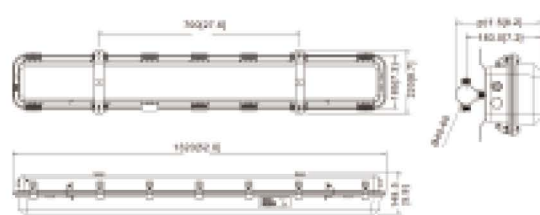
IFL-S 20–40W



C–Ceiling Type



IFL-S 40–80W



D–Chain Type



S–Pole Type

