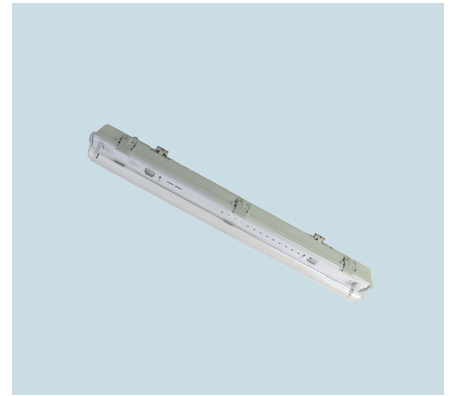


IFL-G Industrial Linear Lighting

T8/LED 8-72W	1,530-4,480lm
T8-85lm/W,LED-140lm/W	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-G-1x18W	1530	T8 1x18W	85	70W
IFL-G-2x18W	3060	T8 2x18W	85	70-100W
IFL-G-1x36W	3060	T8 1x36W	85	70-100W
IFL-G-2x36W	6120	T8 2x36W	85	100-150W
IFL-G-1x8W	1120	LED 1x8W	140	70W
IFL-G-2x8W	2240	LED 2x8W	140	70-100W
IFL-G-1x16W	2240	LED 1x16W	140	70-100W
IFL-G-2x16W	4480	LED 2x16W	140	100-150W



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

Made of glass reinforced polyester housing and led tube, industrial non-metallic led linear light IFL-G series can be applied for both fluorescent lamp T8 or led tubes. With option for 2ft led light and 4 foot led light for T8 and led tube, high impact resistance for both body and diffuser contribute the application range from wet to harsh and high corrosive condition. This led fluorescent light can be also used as led tube light fixture, fluorescent plant light, linear suspension lighting, led tube light fitting, linear high bay led lights and suspended linear led lighting.

- > Glass reinforced plastic material housing for corrosion and electromagnetic resistance
- > T8 tube lamp 18w and 36w, LED tube lamp 18w and 36w for option

Standard Materials

Housing: Glass reinforced plastic, green

Lens: Polycarbonate

Gaskets: Silicone



Technical Datasheet

Rated Voltage	100–277V AC 50/60Hz 200–480V AC 50/60Hz							
Wattage (W)	T8 1x18W	T8 2x18W	T8 1x36W	T8 2x36W	LED 1x8W	LED 2x8W	LED 1x16W	LED 2x16W
Lumens (LM)	1530	3060	3060	6120	1120	2240	2240	4480
Color Temperature	5000K/4000K/2700K							
IP Grade	Wet Locations, Type 4X, IP66							
Ambient Temperature	–40°C~ +55°C / –40° F ~ +131° F							
Cable Entry	M25X1.5							
Terminals	Terminal blocks ≤ 2.5mm ² , cable diameter 10–14mm							
Mounting Type	Ceiling / Chain / Pendant / Flange Stanchion / Fance Stanchion							
Beam Angle	120° / 90° / 60° / 40°							

Catalogue Numbering System

IFL-G-		20	N	C	W	1	V1	EM
Lamp		Cable Entry	Mounting Type	Color Temperature	Beam Angle	Voltage	Emergency	
T8 1x18W	LED 1x8W	M–M25x1.5	C–Ceiling	C–Cool(5000K)	1–120°	V1:100–277V AC	E1–120min	
T8 2x18W	LED 2x8W		D–Chain	N–Nature(4000K)	2–90°			
T8 1x36W	LED 1x16W		P–Pendant	W–Warm(3000K)	3–60°	V2:200–480V AC	E2–180min	
T8 2x36W	LED 2x16W		S1–Flange Stanchion		4–40°			
			S2–Fance Stanchion					

Mounting Options & Dimensions (mm/inch)

