

FORTILUX EX

15-50 watt LED area luminaire
IK10 | 120° Beam Angle | Zone 1 & 2, 21 & 22

Application

A solution for gas and dust-prone environments, industrial, petrochemical plants, oil refineries, offshore oil rigs and mining areas.

Features

- Input Voltage: AC120-277VAC, 50/60Hz
- Power Consumption EMG: 10W
- Power Factor: >0.9 | ≥90% Driver Efficiency
- Ambient Operating Temp STD: -40°C to +60°C
- Ambient Operating Temp EMG: -10°C to +60°C
- Ex Rating: Ex db eb mb IIC T6/T5 Gb, Ex tb IIIC T80°C/T95°C Db
- CCT: 4000K - 5000K - 6000K
- Cable entry: STD 4 x NPT3/4 | W/EM: 3 x NPT3/4
- Lumen Maintenance @55°C: L80 B10 50 000hrs
- Operational lifespan: 50 000hrs
- Dimming: 0-10V / Non Dim
- Impact Resistance: IK10 3G - Vibration
- Mounting Options: Ceiling | Rope | Pole

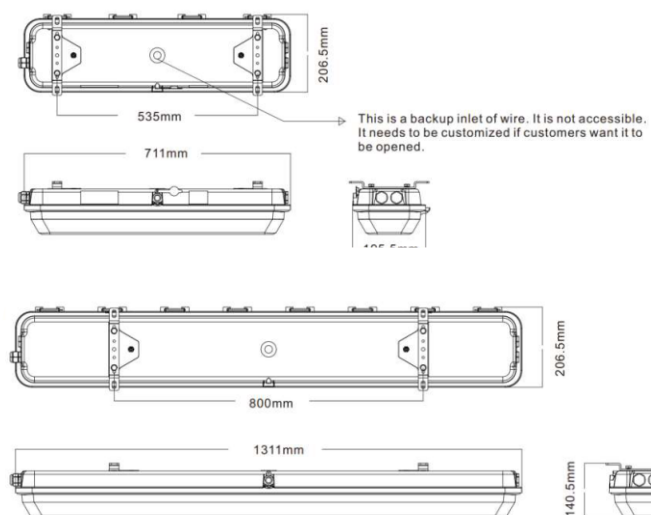
Design Specifications

- Housing Body: GRP
- Gasket: Silicone Rubber
- Fixture Color: Milky White
- Lens Diffuser: Fiberglass-reinforced polycarbonate
- Surge Protection: 4KV

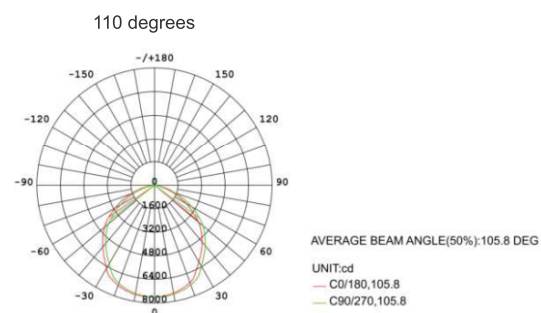
Performance



Dimensions



Photometric Data



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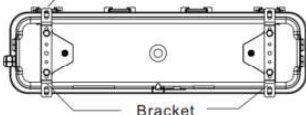
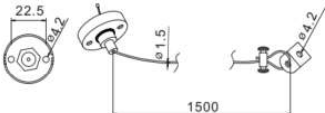
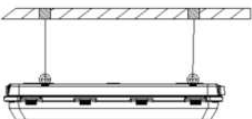
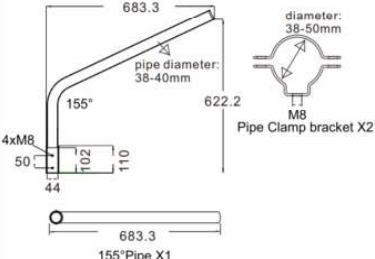
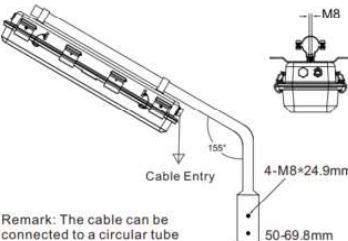
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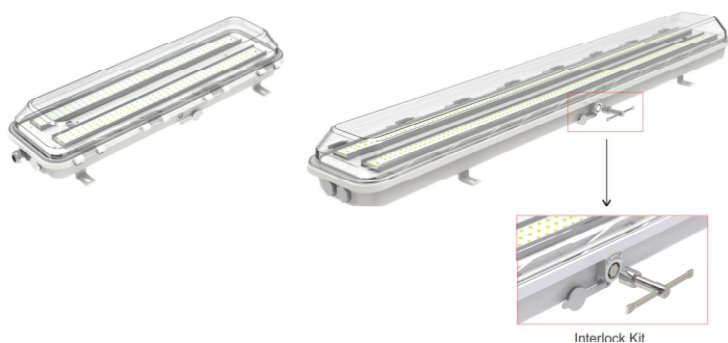
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Technical Specifications

Model No.	Power	Dimensions	Luminous Flux (lm)	CCT (K)	CRI	Beam Angle	Ingress Protection	Impact Resistance
FL000183	20W	2ft	2500lm	4000K-6000K	>80	120°	IP66	IK10 3G - Vibration
FL000184	30W	2ft	3750lm	4000K-6000K	>80	120°	IP66	IK10 3G - Vibration
FL000185	40W	4ft	5000lm	4000K-6000K	>80	120°	IP66	IK10 3G - Vibration
FL000186	50W	4ft	6250lm	4000K-6000K	>80	120°	IP66	IK10 3G - Vibration

Mounting

Options	Description	Kit (mm)	Installed
Ceiling Mount (Bracket Mount)	Provided with two stainless steel mounting kits welded at the back of Housing	Standard Mounting Kit (Included) 	
Rope Pendant Mount	Provided with two stainless steel wire. Measured 1mm diameter.		
Pole Mount	(1) 155° Pipe (2) Pipe Clamp bracket		 Remark: The cable can be connected to a circular tube and then to a lamp pole.



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Certifications



Package Information

Model No.	Net Weight	Gross Weight	Qty/Carton	Package Dimensions (LxWxH)
2ft	4kg	5kg	1pc	800*250*170mm
4ft	8kg	10.7kg	1pc	1400*250*175mm



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