CHALLENGER EX

Steel Body Vapor Batten

5 YEAR WARRANTY | ETL LISTED | IP66 | IK10 | HARSH LOCATION SUITABLE

Applications: Petroleum refineries, chemical plants, foundaries, paint booths, oil rigs, power generation facilities

PERFORMANCE SUMMARY

Challenger robust stainless steel linear vapor fixtures are suitable for wet and harsh conditions, rated for use in Hazardous locations. Constructed with a high grade steel body and a durable polycarbonate lens cover the Challenger Ex Series provides extreme reliability in Class I Division 2 areas where flammable gases, vapors or vapors may exist

Designed for both indoor and outdoor applications where moisture and corrosion maybe a problem such as chemical plants, sewage treatment facilities, refineries, waste water, food processing as well as marine, coastal areas and tunnels

Construction

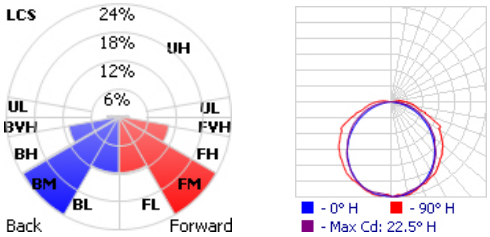
- IP66 rated stainless steel housing suitable for wash down areas
- Dual 3/4" NPT steel cable entries at each side with single 1/2" reducer for maximum compatibility
- Available in 2' and 4' lengths
- Wide ranging ambient temperature ratings from -40°F to 140°F
- Copper free steel for excellent heat dissipation and corrosion resistance
- Surface, suspended or outreach bracket mounting options
- Hazardous location LED luminaire vapor tight contained Class I Div 2 Groups A/B/C/D
- IK10 impact resistant PC lens secured to housing with TOR-20 tamperproof bolt assembly and cam latches
- Lumen packages ranging from 2,800L to 8,400L

Electrical

- 120-277VAC or 220-480VAC
- Average rated life L80 >60,000hrs
- PF: > 0.95 THD: <20%
- Operating Temperature: -40°F to 140°F
- 1-10V dimming

Specification	
Lumen Package	2,800 - 8,400
Wattage Range	20 - 60
Efficacy	140
Weight lbs (kg)	8.8 (4.0) - 17.6 (8.0)

PHOTOMETRICS



UL844 Classification

UL1598/UL1598A Marine Marking
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III

PRODUCT CODE

Example Challenger Ex cat. 4.50.40.S.MM.EPS

Model	Length	Wattage (W)	Color Temp	Mounting	Sensors[1]	Emergency
Challenger Ex 100 100-277V Challenger Ex 480 220-480V	2 - 2ft	20 - 20W/2,800lm 30 - 30W/4,200lm	30 - 3,000K 40 - 4,000K 50 - 5,000K 60 - 6,000K	S - Surface SS - Suspended P - Pole	PM - Photocell + Motion PP - Photocell MM - Motion 0 - None	EPS - 3hrs Internal Emergency Power Supply 0 - None
	4 - 4ft	40 - 40W/5,600lm 50 - 50W/7,000lm 60 - 60W/8,400lm				

NOTES

[1]Class I/Division II remote sensor

SUNLED INDUSTRIES

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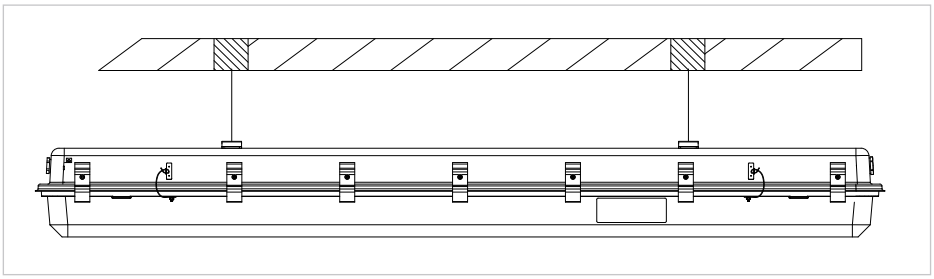
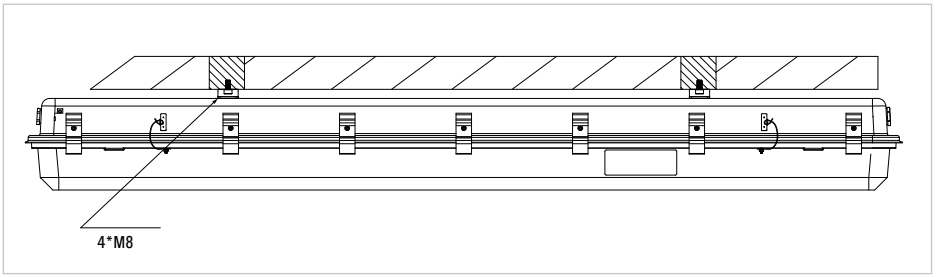
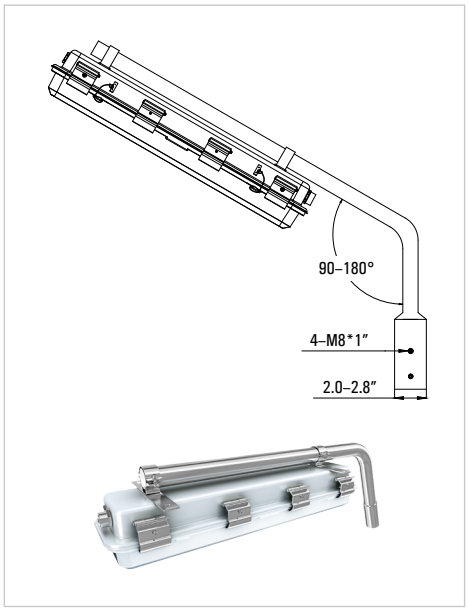
INSTALLATION



Suspended — Wire Mount



Ceiling

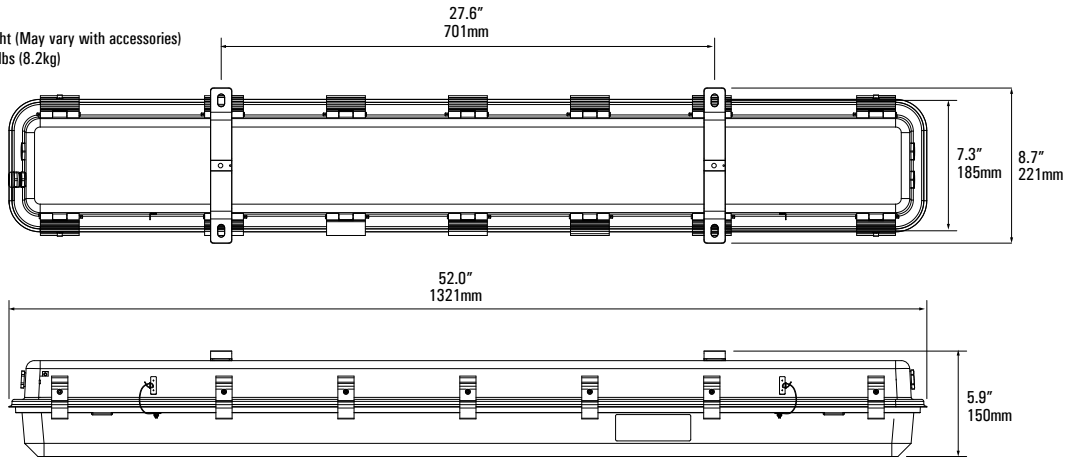


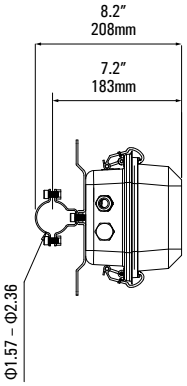
Pole

DIMENSIONS

2ft

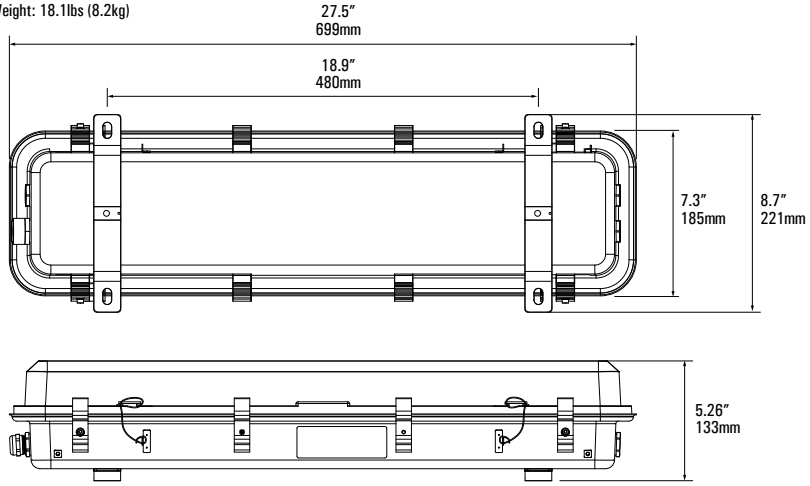
Weight (May vary with accessories)
18.1lbs (8.2kg)

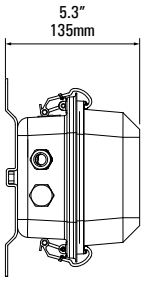




4ft

Weight: 18.1lbs (8.2kg)





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