

### Key Features & Benefits:

- Resistant to Shock and Vibration
- Emergency Back Up Capable
- IK10 Impact Rated
- ABS Certified
- Marine Rated Powder Coating
- Standard 10kV Surge Protection

### Product Specifications:

Power: 20–400 Watts  
 Lumen Output: Up to 56,000 Lumens  
 Efficacy (lm/W): Up to 140 Lumens per Watt  
 Kelvin: 3000K, 4000K, 5000K  
 CRI: >70  
 Power Frequency: 50/60Hz  
 Power Factor: >0.9  
 Operating Temperature: -40°F–140°F (-40°C–60°C)  
 Input Voltage: MV 120–277 VAC, HV 200–480 VAC, DC12–48V  
 Life Span: >150,000 Hours  
 Warranty: 7 Year Warranty with 10 Year Option  
 Product Weight:  
 9.15 lbs — Small  
 15.32 lbs — Medium  
 18.30 lbs — Large  
 33.29 lbs— Extra Large

### Certifications & Ratings:

Class I, Division 2, Groups A,B,C,D  
 Class II, Division 2, Groups F,G  
 Class III  
 UL 1598, UL 1598A — Standard for Luminaries for Installation on Marine Vessels  
 UL844 — Standard for Luminaries for Use in Hazardous Locations  
 IK10  
 ABS Certified  
 Marine Rating Powder Coated  
 IP66

Project: \_\_\_\_\_

Date: \_\_\_\_\_

Catalog #: \_\_\_\_\_

Notes: \_\_\_\_\_



\*Trunnion not included with fixture and is sold separately.



### Ordering Guide:

ESL	TYPE	SIZE	WATTAGE	HAZARD LEVEL	KELVIN	INPUT VOLTAGE	BEAM ANGLE	OPTIONS
ESL	HZFL	(s)	(yy)W	2	(xx)	(zz)	(bb)	
	(HZFL) Hazardous Flood Light	(S) Small (M) Medium (L) Large (XL) Extra Large	20W, 40W, 60W, 80W, 100W, 120W, 150W, 200W, 250W, 300W, 400W	(2) Class 1 Division 2	(30) 3000K (40) 4000K (50) 5000K	(Blank) MV 120–277 VAC (HV) 200–480 VAC (DC12) DC12–48V	(40D) (60D) (90D) (120D) Default	

#### FACTORY INSTALLED OPTIONS

ESL-HZFL-S-TM-GR	Trunnion Mount for Small Flood Light, Grey Finish
ESL-HZFL-L-TM-GR	Trunnion Mount for Large Flood Light, Grey Finish
ESL-HZFL-ST-GR	Slip-fitter Mount /Stanchion, Grey Finish
ESL-HZFL-EMG	Emergency Back Up Unit for Hazardous Flood Light

#### FIELD INSTALLED ACCESSORIES

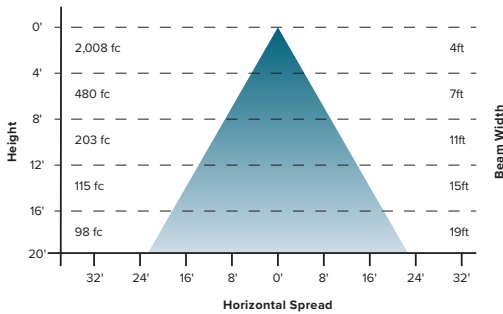
ESL-HZFL2-S-WG	Wire Guard for Small Hazardous Flood Light
ESL-HZFL2-M-WG	Wire Guard for Medium Hazardous Flood Light
ESL-HZFL2-L-WG	Wire Guard for Large Hazardous Flood Light
ESL-HZFL2-XL-WG	Wire Guard for Extra Large Hazardous Flood Light
ESL-HZFL-EMG	Emergency Back Up Unit for Hazardous Flood Light

**Catalog Data:**

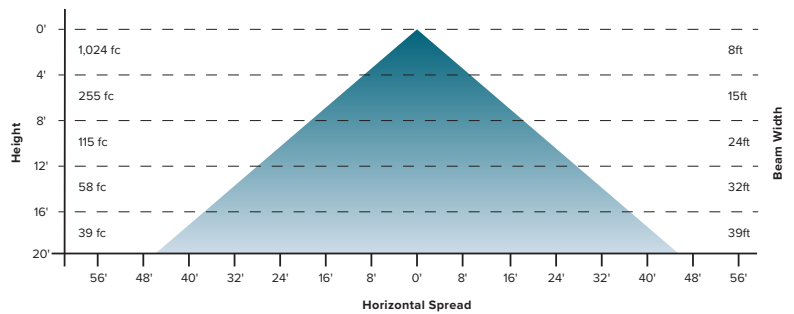
ITEM#	WATTAGE	KELVIN (xx)	LUMENS	EFFICACY lm/W	INPUT VOLTAGE (zz)	DIMENSIONS (LxWxH)
ESL-HZFL-S20W-2xx-zz-bb	20W	(30) 3000K (40) 4000K (50) 5000K	2,800	140	(Blank) MV 120–277 VAC (DC12) DC12–48V	9.8"x6.3"x6.5"
ESL-HZFL-S40W-2xx-zz-bb	40W		5,600	140		
ESL-HZFL-S60W-2xx-zz-bb	60W		8,400	140		
ESL-HZFL-M60W-2xx-HV-bb	60W		8,400	140		
ESL-HZFL-M80W-2xx-zz-bb	80W		11,200	140	(Blank) MV 120–277 VAC (HV) 200–480 VAC (DC12) DC12–48V	12.6"x9.4"x6.3"
ESL-HZFL-M100W-2xx-zz-bb	100W		14,000	140		
ESL-HZFL-L120W-2xx-zz-bb	120W		16,800	140		
ESL-HZFL-L150W-2xx-zz-bb	150W		21,000	140		
ESL-HZFL-L200W-2xx-zz-bb	200W		28,000	140		
ESL-HZFL-XL250W-2xx-zz-bb	250W		35,000	140		
ESL-HZFL-XL300W-2xx-zz-bb	300W	42,000	140	16.5"x11.8"x8.3"		
ESL-HZFL-XL400W-2xx-zz-bb	400W	56,000	140			

**Lighting Distribution:**

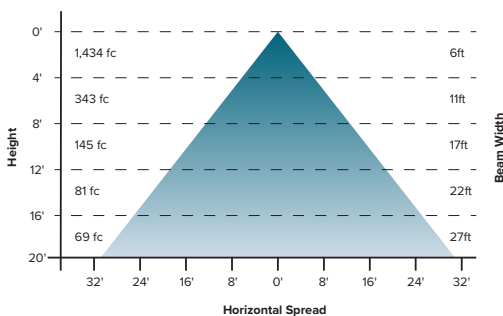
**40 Degree**



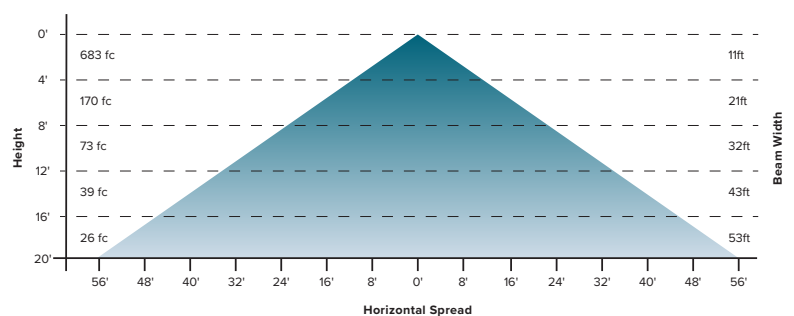
**90 Degree**



**60 Degree**



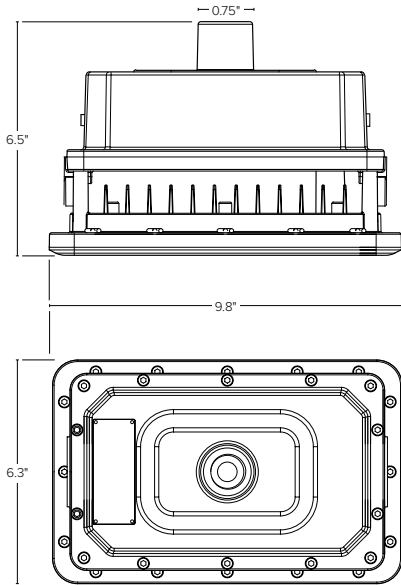
**120 Degree**



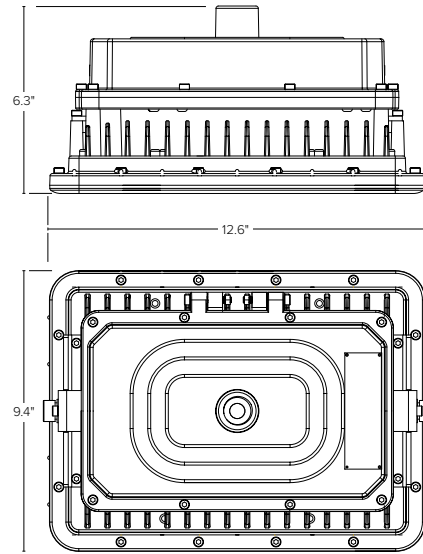
**Lumen Ambient Temperature (LAT) Multipliers:**

AMBIENT		LUMEN MULTIPLIER
0 °C	32 °F	1.02
10 °C	50 °F	1.01
20 °C	68 °F	1.00
25 °C	77 °F	1.00
30 °C	86 °F	1.00
40 °C	104 °F	0.99
50 °C	122 °F	0.96

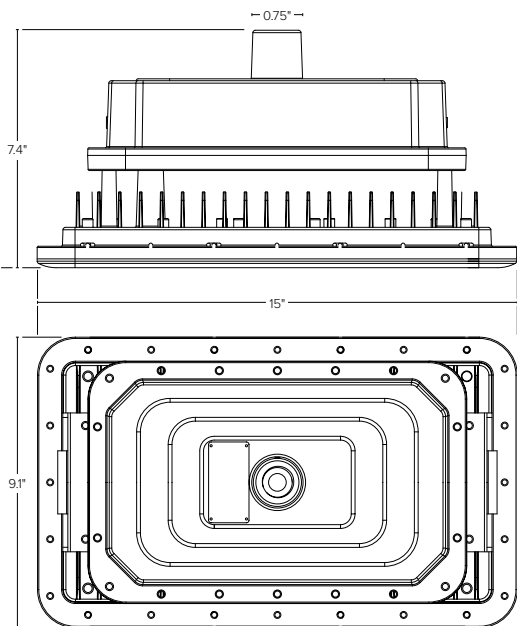
Fixture Dimensions:



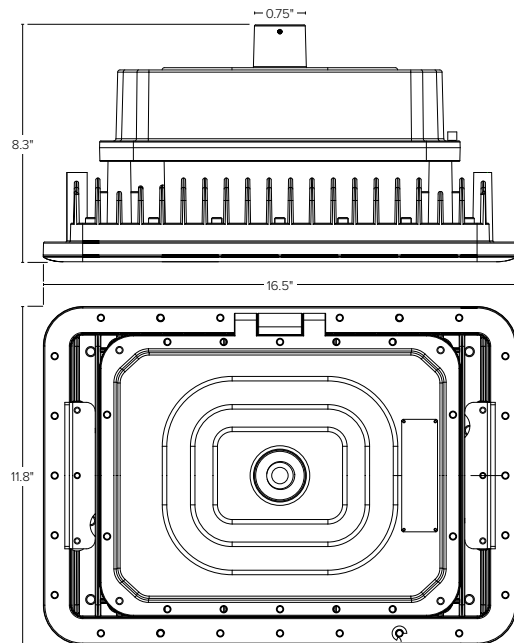
Small



Medium



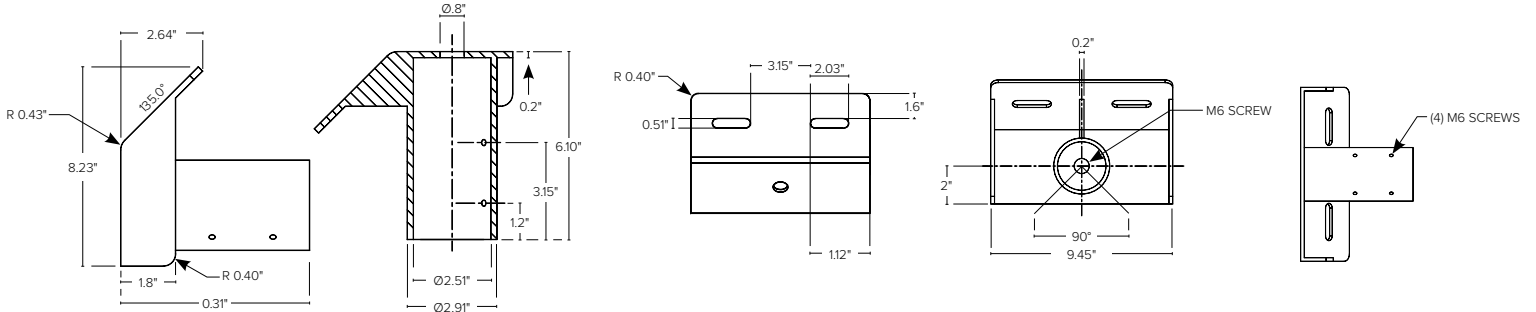
Large



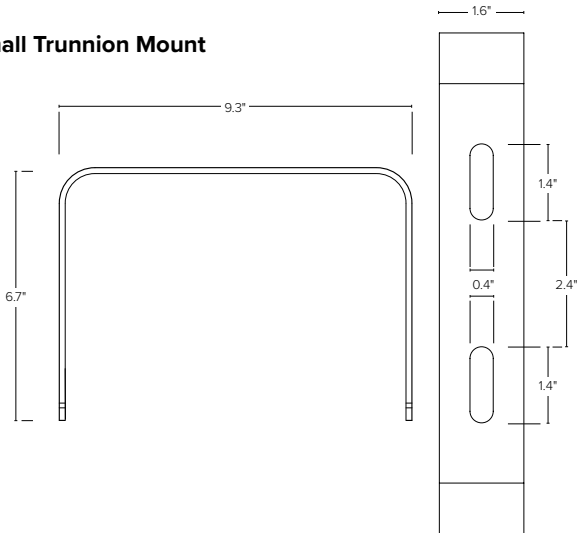
Extra Large

**Mounts:**

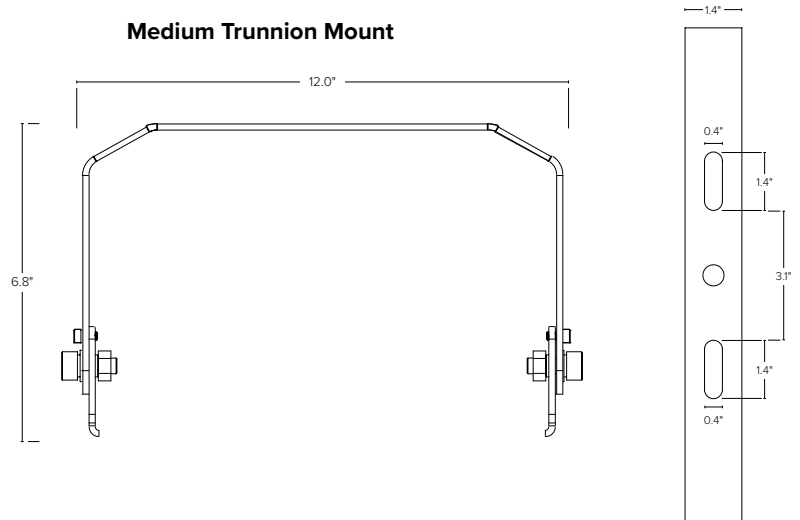
**Slip-Fitter/Stanchion Mount**



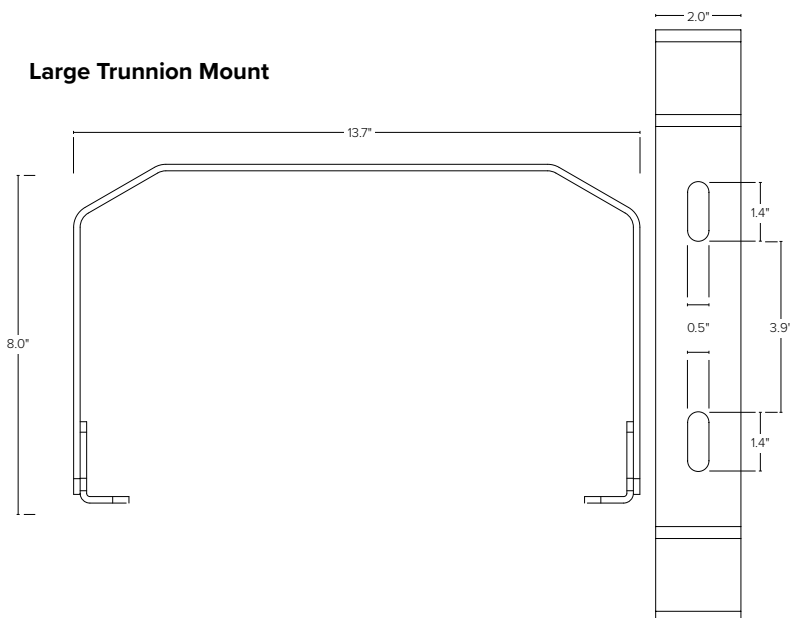
**Small Trunnion Mount**



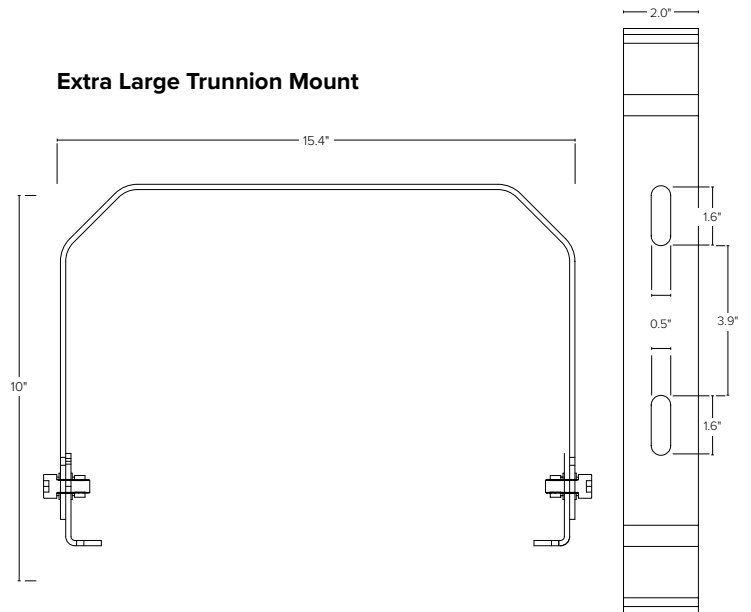
**Medium Trunnion Mount**



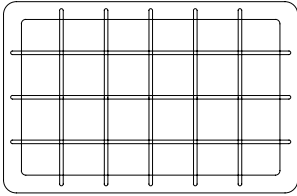
**Large Trunnion Mount**



**Extra Large Trunnion Mount**



**Accessories:**



**Extra Large Wire-Guard**

ESL-HZFL2-XL-WG

**Large Wire-Guard**

ESL-HZFL2-L-WG

**Medium Wire-Guard**

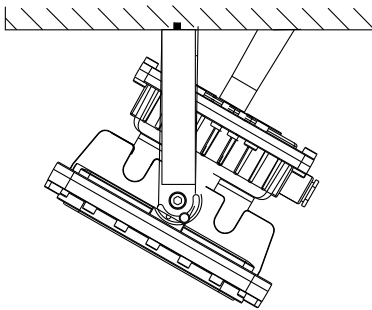
ESL-HZFL2-M-WG

**Small Wire-Guard**

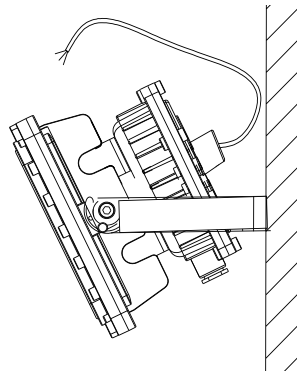
ESL-HZFL2-S-WG

**Mounting Diagrams:**

**Ceiling Mount**



**Wall Mount**



**Pole Mount**

