

### 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

Project:

Date:

Catalog #:

Notes:

### Product Specifications:

Power: 20–200 Watts  
 Lumen Output: Up to 28,000 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:  
 15.43 lbs — Small  
 39.46 lbs — Large



### Certifications & Ratings:

Class I, Division 1, Groups C,D  
 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  
 UL 1598, UL 1598A — Standard for Luminaires for  
 Installation on Marine Vessels  
 UL844 — Standard for Luminaires for Use in  
 Hazardous Locations  
 IK10  
 ABS Certified  
 Marine Rating Powder Coated  
 IP66



### Ordering Guide:

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

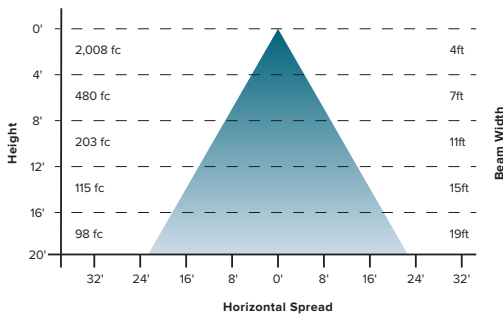


### Catalog Data:

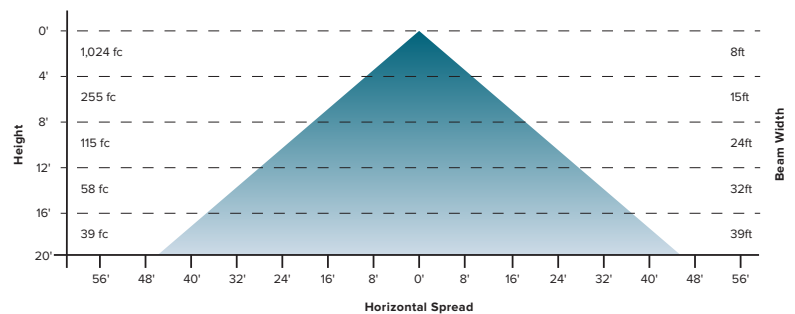
| ITEM#                    | WATTAGE | KELVIN (xx)                            | LUMENS | EFFICACY lm/W | INPUT VOLTAGE (zz)                                            | DIMENSIONS (LxWxH) |
|--------------------------|---------|----------------------------------------|--------|---------------|---------------------------------------------------------------|--------------------|
| ESL-HZFL-S20W-1xx-zz-bb  | 20W     | (30) 3000K<br>(40) 4000K<br>(50) 5000K | 2,800  | 140           | (Blank) MV 120–277 VAC<br>(DC12) DC12–48V                     | 11.6"x11.6"x9.57"  |
| ESL-HZFL-S40W-1xx-zz-bb  | 40W     |                                        | 5,600  | 140           |                                                               |                    |
| ESL-HZFL-S60W-1xx-zz-bb  | 60W     |                                        | 8,400  | 140           |                                                               |                    |
| ESL-HZFL-S80W-1xx-zz-bb  | 80W     |                                        | 11,200 | 140           | (Blank) MV 120–277 VAC<br>(HV) 200–480 VAC<br>(DC12) DC12–48V | 15.4"x11.2"x9.96"  |
| ESL-HZFL-L100W-1xx-zz-bb | 100W    |                                        | 14,000 | 140           |                                                               |                    |
| ESL-HZFL-L150W-1xx-zz-bb | 150W    |                                        | 21,000 | 140           |                                                               |                    |
| ESL-HZFL-L200W-1xx-zz-bb | 200W    |                                        | 28,000 | 140           |                                                               |                    |

### Lighting Distribution:

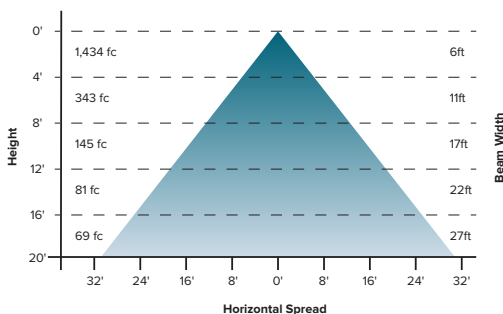
#### 40 Degree



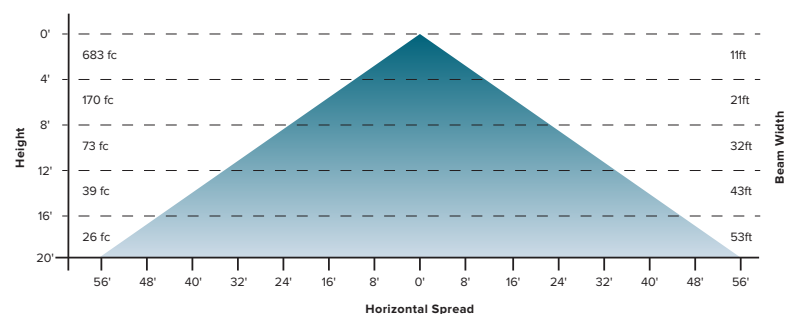
#### 90 Degree



#### 60 Degree



#### 120 Degree

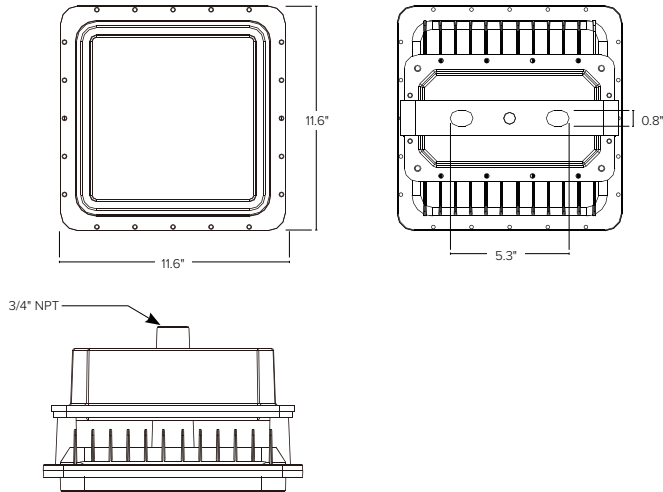


### Lumen Ambient Temperature (LAT) Multipliers:

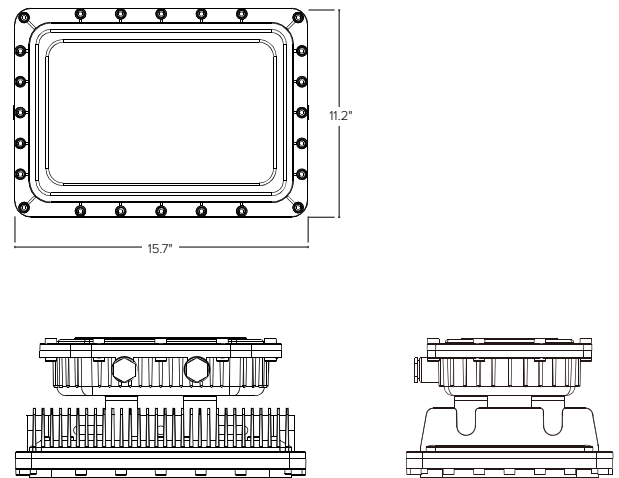
| AMBIENT |        | LUMEN MULTIPLIER |
|---------|--------|------------------|
| 0 °C    | 32 °F  | 1.02             |
| 10 °C   | 50 °F  | 1.01             |
| 20 °C   | 68 °F  | 1.00             |
| 25 °C   | 77 °F  | 1.00             |
| 30 °C   | 86 °F  | 1.00             |
| 40 °C   | 104 °F |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

### Fixture Dimensions:

Small

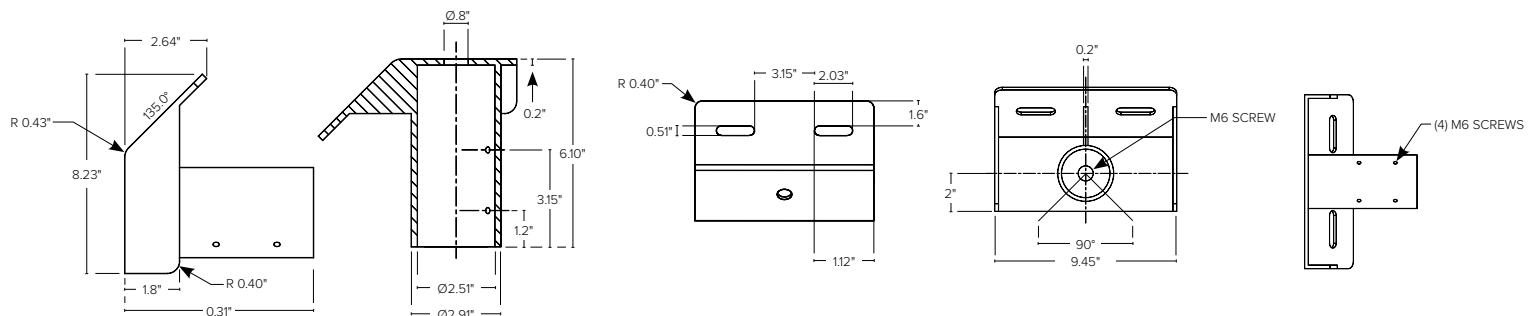


Large

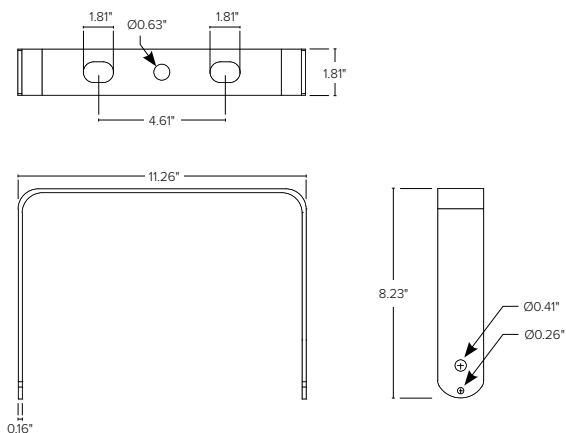


### Mounts:

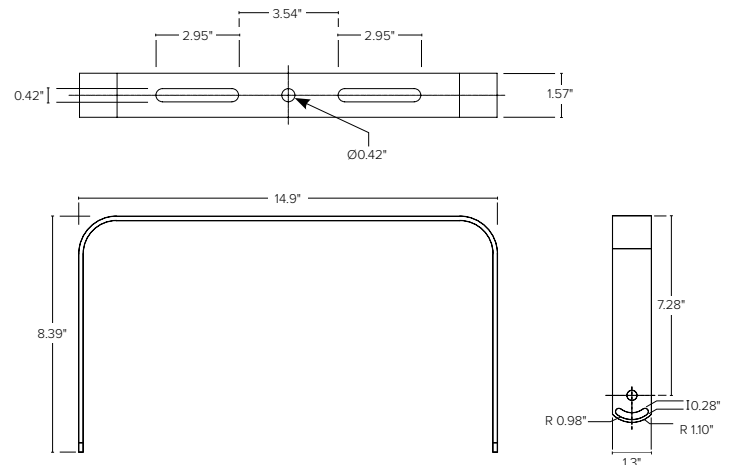
#### Slip-Fitter/Stanchion Mount



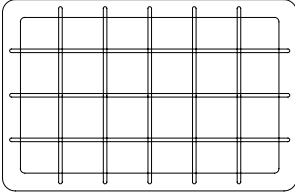
#### Small Trunnion Mount



#### Large Trunnion Mount



### Accessories:

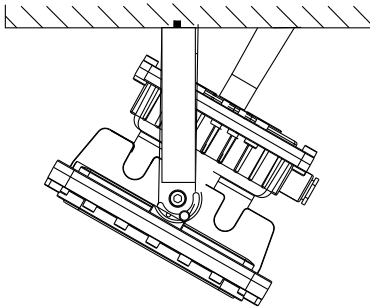


**Large Wire-Guard**  
ESL-HZFL-L-WG

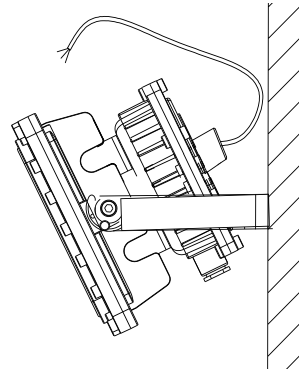
**Small Wire-Guard**  
ESL-HZFL-S-WG

### Mounting Diagrams:

**Ceiling Mount**



**Wall Mount**



**Pole Mount**

