

### 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: 20–120 Watts  
 Lumen Output: Up to 16,800 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:  
 26.45 lbs — Small  
 40.79 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 Luminaries for Installation on Marine Vessels  
 UL844 — Standard for Luminaries for Use in Hazardous Locations  
 IK10  
 ABS Certified  
 Marine Rating Powder Coated

Project: \_\_\_\_\_ Date: \_\_\_\_\_  
 Catalog #: \_\_\_\_\_  
 Notes: \_\_\_\_\_



### Ordering Guide:

ESL	TYPE	SIZE	WATTAGE	HAZARD LEVEL	KELVIN	INPUT VOLTAGE	BEAM ANGLE	OPTIONS
ESL	HZLHB	(sz)	(yy)W	1	(xx)	(zz)	(bb)	
	(HZLHB) Hazardous Linear High Bay	(S) Small (L) Large	20W 40W 60W 80W 100W 120W	(1) Class 1 Division 1	(30) 3000K (40) 4000K (50) 5000K	(Blank) MV 120–277 VAC (HV) 200–480 VAC (DC12) DC12–48V	(60D) (90D) (120D) Default	

#### FIELD INSTALLED ACCESSORIES

ESL-HZLHB-EMG Emergency Back Up Unit for Hazardous Linear High Bay Series

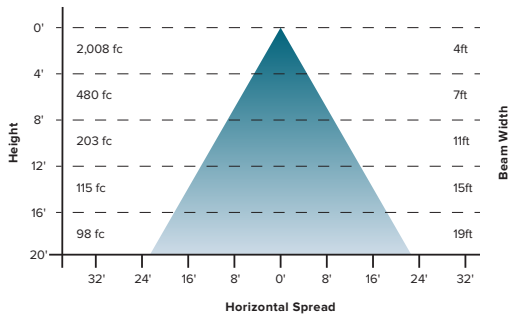


**Catalog Data:**

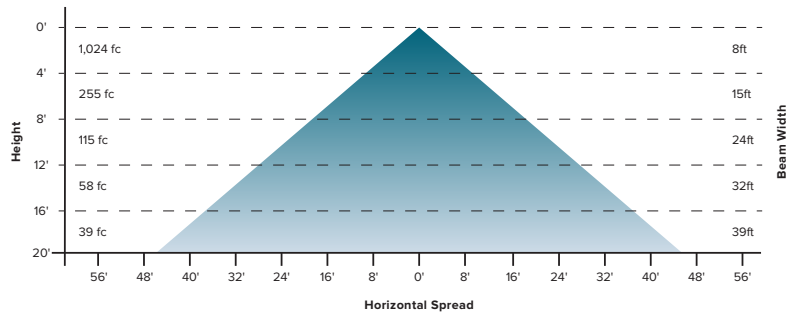
ITEM#	WATTAGE	KELVIN (xx)	LUMENS	EFFICACY lm/W	INPUT VOLTAGE	DIMENSIONS (LxWxH)
ESL-HZLHB-S20W-1xx-zz-bb	20W	(30) 3000K (40) 4000K (50) 5000K	2,800	140	(Blank) MV 100–277V (DC12) DC12–48V	23.3" x 5.5" x 6.06"
ESL-HZLHB-S40W-1xx-zz-bb	40W		5,600	140		
ESL-HZLHB-S60W-1xx-zz-bb	60W		8,400	140		
ESL-HZLHB-L80W-1xx-zz-bb	80W		11,200	140	(Blank) MV 100–277V (HV) 200–480V (DC12) DC12–48V	46.1" x 5.5" x 6.06"
ESL-HZLHB-L100W-1xx-zz-bb	100W		14,000	140		
ESL-HZLHB-L120W-1xx-zz-bb	120W	16,800	140			

**Lighting Distribution:**

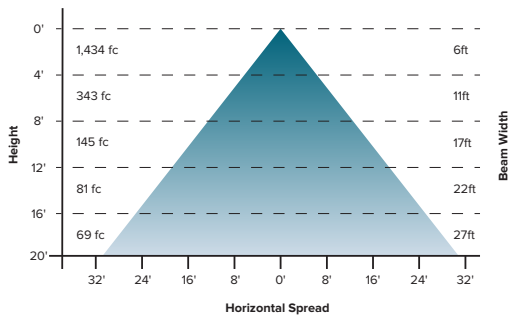
**40 Degree**



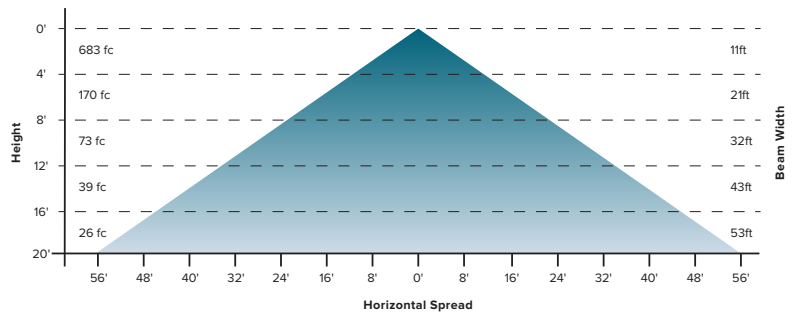
**90 Degree**



**60 Degree**



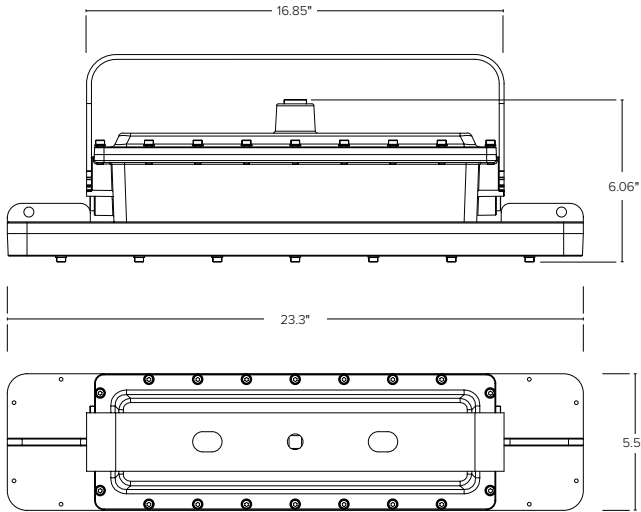
**120 Degree**



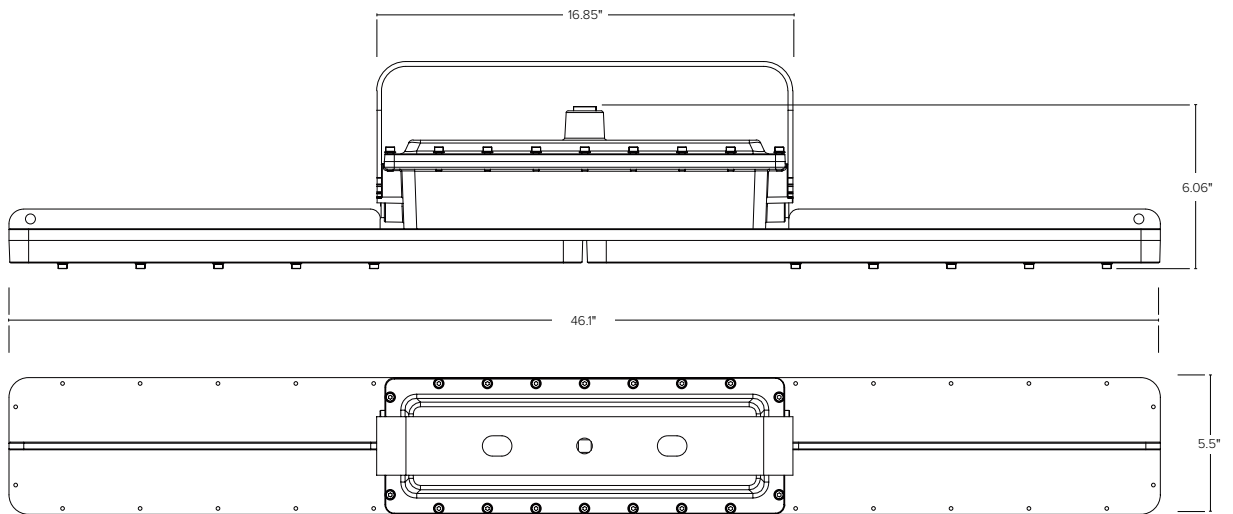
**Lumen Ambient Temperature (LAT) Multipliers:**

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:**



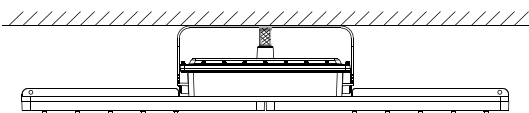
Small



Large

**Mounting Diagrams:**

**Ceiling Mounting**



**Pole Pendant Mounting**

