

## HAZLO AREA

### HAZARDOUS LOCATION LED LUMINAIRE

The HZA Series LED luminaire is the ideal choice for marine and hazardous applications. They can be used in locations where moisture, dirt, dust, corrosion and vibration may be present, or areas where wind, water, snow, or high ambient temperatures can be expected.

Typical Applications - Paper Mills, Chemical Processing, Power Plants, Petrochemical, Offshore Oil, Wastewater, Foundries, Marine and Mining.



## Ordering Chart Information

**Example:** HZA-SW2-SL-VL-D-12-CP-EM

| Fixture         | Wattage                               | CCT                                  |                    | Voltage       | Dimmable                | Beam Angle | Lens               |                    | Mount |
|-----------------|---------------------------------------|--------------------------------------|--------------------|---------------|-------------------------|------------|--------------------|--------------------|-------|
| HZA             | SW1<br>Selectable<br>40W,60W,80W      | SL<br>Selectable<br>4K<br>5K<br>6.5K | VL<br>120–277 VAC  | D<br>Dimmable | 12<br>120°              | BLANK      | Clear Glass        | WC<br>Wall/Ceiling |       |
|                 | SW2<br>Selectable<br>80W,100W,150W    |                                      | VH<br>277–480 VAC  |               |                         | CP         | Clear Flat PC      | PD<br>Pendant      |       |
|                 | SW3<br>Selectable<br>120W,150W, 200W  |                                      |                    |               |                         | FG         | Frosted Flat Glass |                    |       |
|                 | SW4<br>Selectable<br>200W, 250W, 300W |                                      |                    |               |                         | FP         | Frosted Flat PC    |                    |       |
| Battery Back-up |                                       | Accessory 1                          |                    |               |                         |            |                    |                    |       |
| BLANK           | No Battery Backup                     | EXH                                  | Hook               | 25W           | 25° Wall Mount Kit      |            |                    |                    |       |
| EM              | With Battery Backup                   | SFK                                  | Slip Fitter Kit    | 90S           | 90° Stanchion Mount Kit |            |                    |                    |       |
|                 |                                       | 90W                                  | 90° Wall Mount Kit | 25S           | 25° Stanchion Mount Kit |            |                    |                    |       |

For accessories not shown, please contact customer service at (800) 223-0853.

## Specifications

**Certifications:** UL844 Class 1 Division 2, Group A, B, C, D  
UL1598A - Marine Certified, Class 2 Division 2 Group F, G  
UL1598 - Wet Locations

**Ambient Temperature Rating:** -40°C (-40°F) to +50°C (122°F)

**Lumens:** Polycarbonate Lens: **SW1:** 6400–12800 lm, **SW2:** 17000–25500 lm,  
**SW3:** 21000–35000 lm, **SW4:** 35000–52500 lm

**Watts:** **SW1:** 80W - High, 60W - Med, 40W - Low

**SW2:** 150W - High, 100W - Med, 80W - Low

**SW3:** 200W - High, 150W - Med, 120W - Low

**SW4:** 300W - High, 250W - Med, 200W - Low

**Voltage:** 120–277 VAC/277–480 VAC

**LED Life:** L70 >100,000 hrs

**High Luminous Efficacy:** Lumens per Watt: 175lm/W

**Dimming:** 1–10V (DC)

**Installation:** Various installation ways for different applications.

**Dimensions:** **SW1:** 9.84" × 6.30" × 6.89", **SW2:** 12.60" × 9.45" × 7.70",

**SW3:** 14.96" × 9.06" × 9.33", **SW4:** 16.54" × 11.81" × 9.88"

**Color Temperature:** 4000K, 5000K, 6500K

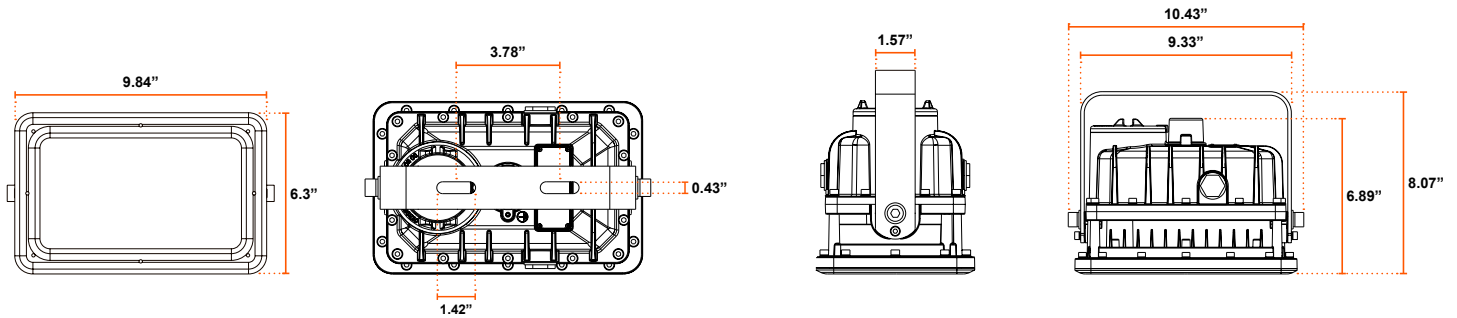
**Warranty:** 5-year limited warranty. Complete warranty terms located [here](#).

## Features

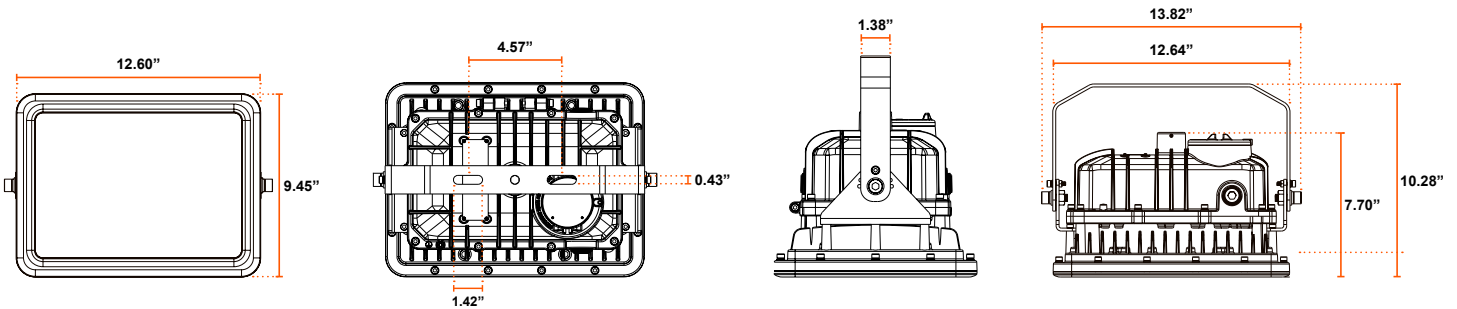
- Robust design for extreme environments.
- Four different sizes for various power and Lumen outputs.
- The round cover opens easily for convenient wiring
- 1–10V dimming optional
- Compact and robust structure, excellent reliability
- Great impact resistance with IK08/IK10 certified
- Die-cast aluminum housing, great corrosion resistance and cooling performance

## Dimensional Data

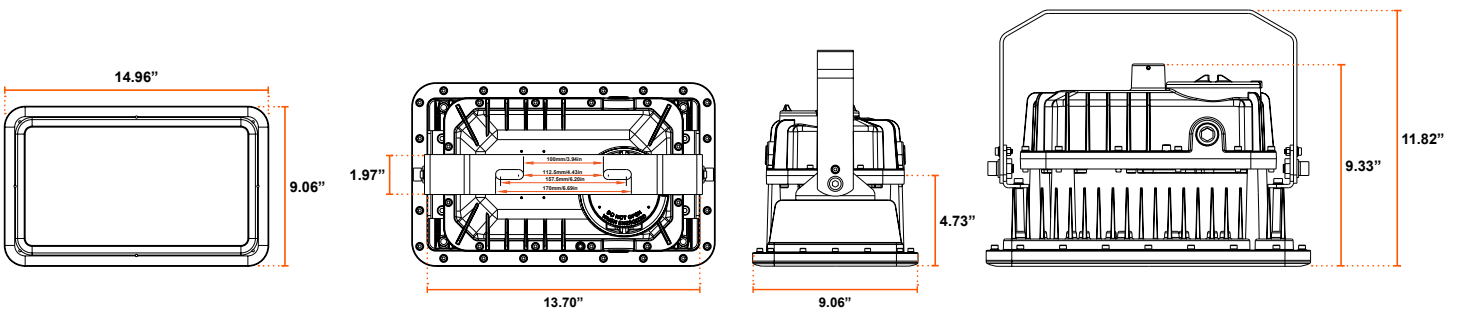
### SW1



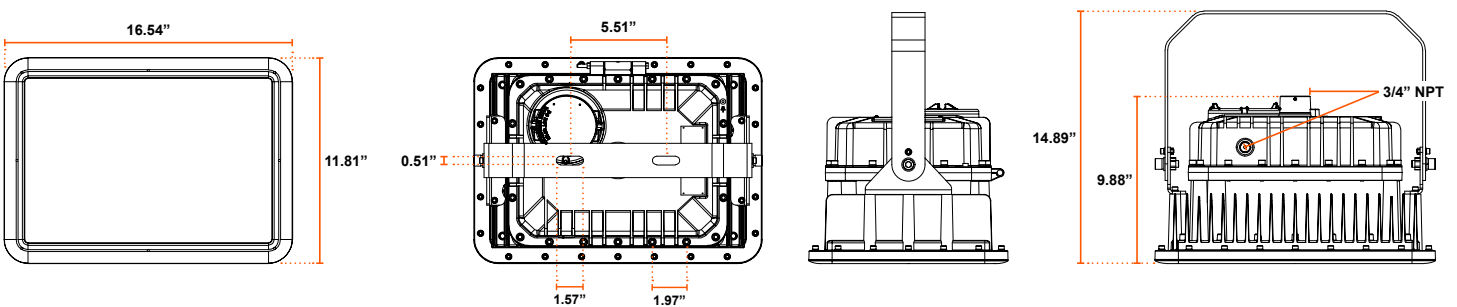
### SW2



### SW3

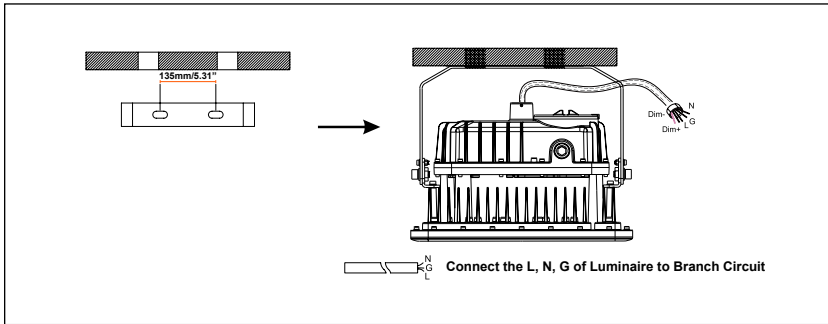


### SW4

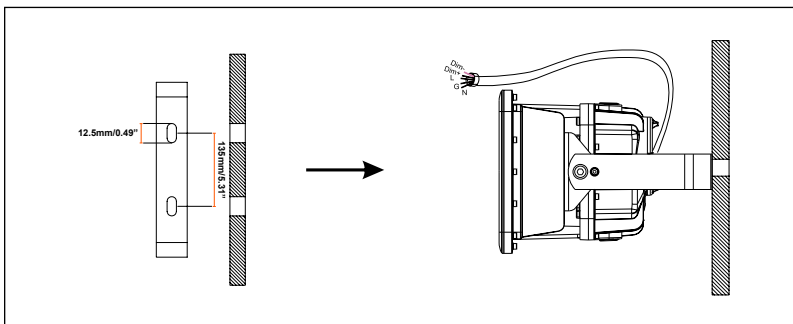


## Mounting Methods

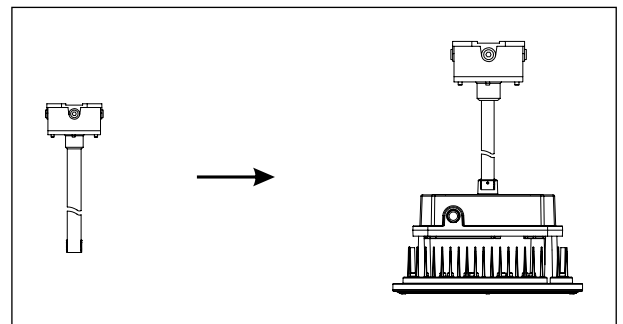
### Option 1: Ceiling Mounting (Included)



### Option 2: Wall Mounting (Included)



### Option 3: Pendant Mounting (Purchase Separately)



## Accessories



Hook



Slip Fitter Kit



90° Wall Mount Kit

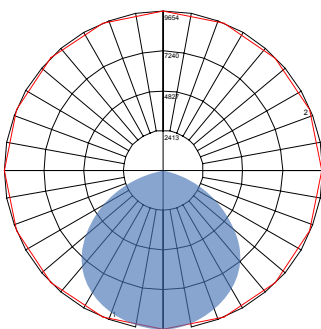


25° Wall Mount Kit


90° Stanchion  
Mount Kit

25° Stanchion  
Mount Kit

## Photometric Data



### Indoor Report

- Maximum Candela = 9653.5
- Horizontal Angle = 112.5
- Vertical Angle = 2
- #1 Vertical Plane through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
- #2 Horizontal Cone Through Vertical Angle (2) Through Max. Cd.)

## Photometric Data

### Photometric Data - Wattage - SW1 - 40W,60W,80W

| Watt | Lens Material | CCT   | Lumens | Description         | IES File            |
|------|---------------|-------|--------|---------------------|---------------------|
| 40W  | PC            | 4000K | 6103   | 40W HZA - 4000K CCT | HZASW140W4KVLD12CP  |
| 40W  | PC            | 5000K | 6152   | 40W HZA - 5000K CCT | HZASW140W5KVLD12CP  |
| 40W  | PC            | 6500K | 6064   | 40W HZA - 6500K CCT | HZASW140W65KVLD12CP |
| 60W  | PC            | 4000K | 8974   | 60W HZA - 4000K CCT | HZASW160W4KVLD12CP  |
| 60W  | PC            | 5000K | 9006   | 60W HZA - 5000K CCT | HZASW160W5KVLD12CP  |
| 60W  | PC            | 6500K | 8831   | 60W HZA - 6500K CCT | HZASW160W65KVLD12CP |
| 80W  | PC            | 4000K | 11596  | 80W HZA - 4000K CCT | HZASW180W4KVLD12CP  |
| 80W  | PC            | 5000K | 11980  | 80W HZA - 5000K CCT | HZASW180W5KVLD12CP  |
| 80W  | PC            | 6500K | 11808  | 80W HZA - 6500K CCT | HZASW180W65KVLD12CP |

### Photometric Data - Wattage - SW2 - 80W,100W,150W

| Watt | Lens Material | CCT   | Lumens | Description          | IES File             |
|------|---------------|-------|--------|----------------------|----------------------|
| 80W  | PC            | 4000K | 14454  | 80W HZA - 4000K CCT  | HZASW280W4KVLD12CP   |
| 80W  | PC            | 5000K | 14634  | 80W HZA - 5000K CCT  | HZASW280W5KVLD12CP   |
| 80W  | PC            | 6500K | 14711  | 80W HZA - 6500K CCT  | HZASW280W65KVLD12CP  |
| 100W | PC            | 4000K | 17868  | 100W HZA - 4000K CCT | HZASW2100W4KVLD12CP  |
| 100W | PC            | 5000K | 18132  | 100W HZA - 5000K CCT | HZASW2100W5KVLD12CP  |
| 100W | PC            | 6500K | 18108  | 100W HZA - 6500K CCT | HZASW2100W65KVLD12CP |
| 150W | PC            | 4000K | 25500  | 150W HZA - 4000K CCT | HZASW2150W4KVLD12CP  |
| 150W | PC            | 5000K | 25919  | 150W HZA - 5000K CCT | HZASW2150W5KVLD12CP  |
| 150W | PC            | 6500K | 25606  | 150W HZA - 6500K CCT | HZASW2150W65KVLD12CP |

### Photometric Data - Wattage - SW3 - 120W,150W,200W

| Watt | Lens Material | CCT   | Lumens | Description          | IES File             |
|------|---------------|-------|--------|----------------------|----------------------|
| 120W | PC            | 4000K | 21134  | 120W HZA - 4000K CCT | HZASW3120W4KVLD12CP  |
| 120W | PC            | 5000K | 21228  | 120W HZA - 5000K CCT | HZASW3120W5KVLD12CP  |
| 120W | PC            | 6500K | 21066  | 120W HZA - 6500K CCT | HZASW3120W65KVLD12CP |
| 150W | PC            | 4000K | 25850  | 150W HZA - 4000K CCT | HZASW3150W4KVLD12CP  |
| 150W | PC            | 5000K | 26039  | 150W HZA - 5000K CCT | HZASW3150W5KVLD12CP  |
| 150W | PC            | 6500K | 25706  | 150W HZA - 6500K CCT | HZASW3150W65KVLD12CP |
| 200W | PC            | 4000K | 33893  | 200W HZA - 4000K CCT | HZASW3200W4KVLD12CP  |
| 200W | PC            | 5000K | 34107  | 200W HZA - 5000K CCT | HZASW3200W5KVLD12CP  |
| 200W | PC            | 6500K | 33402  | 200W HZA - 6500K CCT | HZASW3200W65KVLD12CP |

## Photometric Data

### Photometric Data - Wattage - SW4 - 200W,250W,300W

| Watt | Lens Material | CCT   | Lumens | Description          | IES File             |
|------|---------------|-------|--------|----------------------|----------------------|
| 200W | PC            | 4000K | 36954  | 200W HZA - 4000K CCT | HZASW4200W4KVLD12CP  |
| 200W | PC            | 5000K | 37198  | 200W HZA - 5000K CCT | HZASW4200W5KVLD12CP  |
| 200W | PC            | 6500K | 36847  | 200W HZA - 6500K CCT | HZASW4200W65KVLD12CP |
| 250W | PC            | 4000K | 46062  | 250W HZA - 4000K CCT | HZASW4250W4KVLD12CP  |
| 250W | PC            | 5000K | 45945  | 250W HZA - 5000K CCT | HZASW4250W5KVLD12CP  |
| 250W | PC            | 6500K | 45255  | 250W HZA - 6500K CCT | HZASW4250W65KVLD12CP |
| 300W | PC            | 4000K | 54407  | 300W HZA - 4000K CCT | HZASW4300W4KVLD12CP  |
| 300W | PC            | 5000K | 54772  | 300W HZA - 5000K CCT | HZASW4300W5KVLD12CP  |
| 300W | PC            | 6500K | 54104  | 300W HZA - 6500K CCT | HZASW4300W65KVLD12CP |

## Shipping Dimensions

| Product | Model | Length | Width  | Height | Net Weight | Gross Weight | Quantity/Carton |
|---------|-------|--------|--------|--------|------------|--------------|-----------------|
| HZA     | SW1   | 14.37" | 10.63" | 12.01" | 9.15lbs    | 11.68lbs     | 1pc             |
| HZA     | SW2   | 16.93" | 12.60" | 3.78"  | 10.08lbs   | 19.84lbs     | 1pc             |
| HZA     | SW3   | 18.11" | 14.25" | 11.61" | 23.15lbs   | 25.35lbs     | 1pc             |
| HZA     | SW4   | 19.57" | 18.31" | 13.78" | 33.29lbs   | 40.90lbs     | 1pc             |