

# HZL SERIES

## INSTALLATION INSTRUCTIONS



### SUITABLE FOR:

- CLASS I, DIV. 2, GROUP A, B, C, D
- CLASS II, DIV. 2, GROUP F, G
- CLASS III, DIV. 2
- -40°C < Tamb < 40°C, T4 (without EM driver)
- -0°C < Tamb < 30°C, T5 (with EM driver)
- Wet locations: IP65, IP66, IP67, NEMA-4X

### WARNING:

- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- Do not modify unit in any way. Modification may affect safety and reliability.
- Make sure all electrical power is turned off while installing the fixture.
- This luminaire must be adequately grounded for protection against shock hazards and to assure proper operation. Failure to ground this fixture can result in an electrical shock which may be fatal.
- Install the fixture housing in accordance with local building code and all applicable local codes.
- LEDs are ESD (Electro Static Discharge) sensitive devices that can be easily damaged if the proper ESD mitigating steps are not taken.
- ESD or mechanical damage voids all warranties.
- Verify the maximum ambient temperature of environment in which fixture is to be installed does not exceed fixture rating as indicated by the fixture label.
- All warranties are voided if the fixture is not grounded.
- **CAUTION:** To reduce the risk for ignition of hazardous atmospheres, disconnect the luminaire from the supply circuit before opening.
- Keep tightly closed when in operation. Lens should be cleaned periodically for optimal light output.

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### PART NUMBERS

- SSMB – 92023318 | 60970013  
(SLP# CT4-CM 1.25-20)
- Stainless steel mounting strap – 92028863 | 60971004  
(SLP# CT4I-MS-SS)
- SSMRB (Stainless steel) – 92028692 | 60971006  
(SLP# CT4I-MB-SS)
- SSMRB (Zinc plated) – 92033805 | 60971007  
(SLP# CT4I-MB-ZP)
- V-Hook (316 SS) – 92022509 | 60970010  
(SLP# CT4-VHOOK)
- Stainless steel latch – 92028954 | 60971002  
(SLP# CT4I-LATCHSS)

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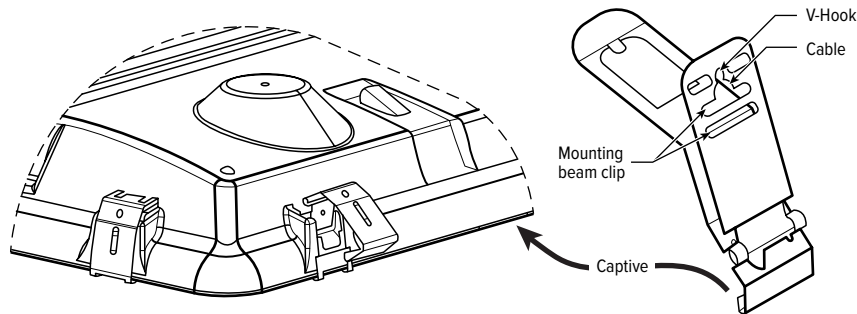
## INSTALLATION INSTRUCTIONS

### MOUNTING DETAILS

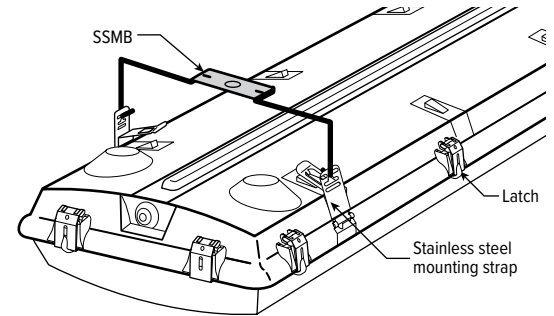
ENSURE THE LENS IS PROPERLY SEATED AND CENTERED IN THE GASKETED GROOVE PRIOR TO CLOSING THE LATCHES. FAILURE TO DO SO CAN RESULT IN DAMAGING THE LENS, LEADING TO LENS FAILURES THAT ARE NOT COVERED UNDER WARRANTY.

#### STAINLESS STEEL MOUNTING STRAP

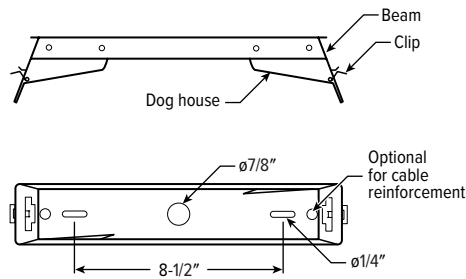
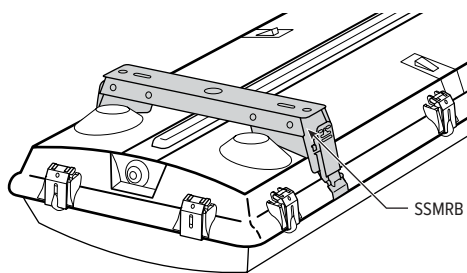
The mounting strap comes fully assembled. Simply press the base into the strap pocket, and guide the captive base over the edge of the housing.



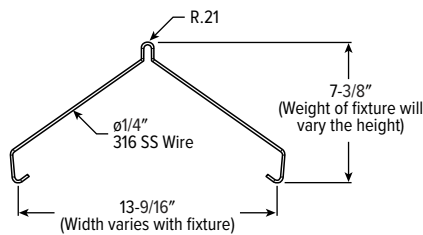
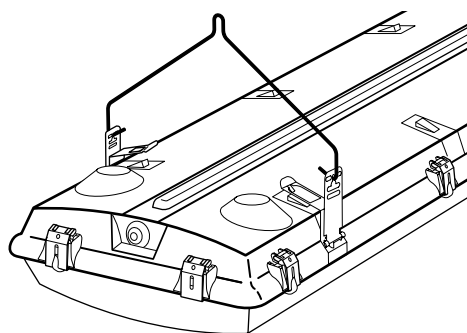
#### STANDARD SSMB



#### SSMRB OPTION

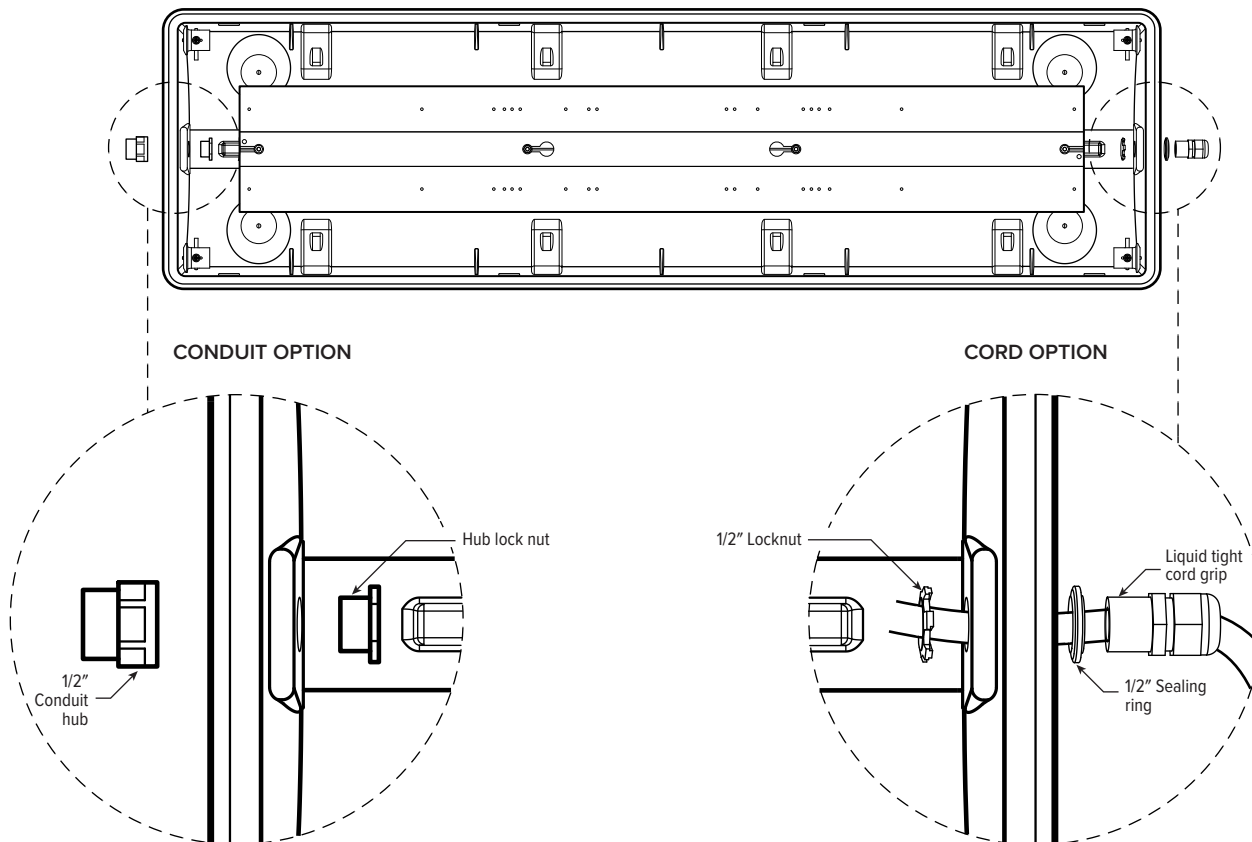


#### SSV OPTION



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## INSTALLATION INSTRUCTIONS



### CONDUIT OPTION INSTALLATION

- NOTE:** This enclosure is suitable for surface mount and adjustable cable mount.
- STEP 1:** Remove the plastic lens cover by unlocking the latches on the sides of the fiberglass enclosure.
- STEP 2:** Remove the reflector.
- STEP 3:** Pull supply wire through conduit hub system and into the fixture. Use supply wire rated at least 90°C.
- STEP 4:** Connect the main wires to the fixture line wire using UL approved wire nuts. (Supply Wires with driver(s) Line wires, White with white, and Green with green). See WIRING DIAGRAM on page 4.
- STEP 5:** Install the fixture using the mounting brackets provided. See MOUNTING DETAILS on page 2.
- STEP 6:** Install the lens, by closing the latches until lens is fully seated against the fixture gasket.
- STEP 7:** Must use UL Listed/Certified conduit in accordance with Article 501 in the NEC, NFPA 70.
- STEP 8:** Turn on circuit breaker.

### CORD OPTION INSTALLATION

- NOTE:** This enclosure is suitable for surface mount and adjustable cable mount.
- STEP 1:** Where flexible cord is used it should be Listed/Certified and approved wet location usage, and shall have separated grounding conductor.
- STEP 2:** Cord and Cord Grip should be properly, tightened this will form a weatherproof seal.
- STEP 3:** Connect the main wires to the fixture line wire using UL approved wire nuts. (Supply Wires with driver(s) Line wires, White with white, and Green with green). See WIRING DIAGRAM on page 4.
- STEP 4:** Turn on circuit breaker.

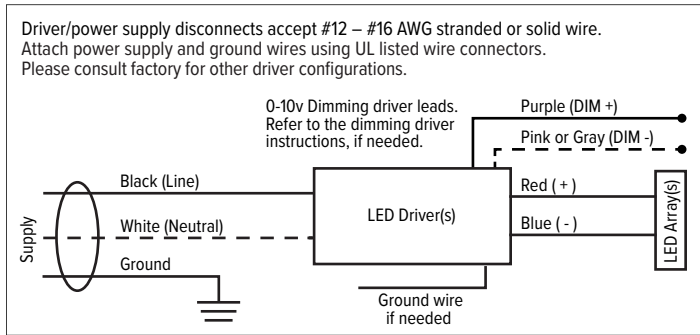
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### WIRING DIAGRAM

- Wiring method must comply with Class I, Div. 2 requirements as stated in the National Electrical Code or other applicable local codes and standards.
- The proper fixture label located on the inside of the fixture will carry the appropriate ratings based on the fixture catalog number.
- Must use UL Listed/Certified conduit in accordance with Article 501 in the NEC, NFPA 70.

#### Make electrical connections in accordance with NEC and local codes.



### EMERGENCY WIRING DIAGRAM

This luminaire is provided with a factory installed emergency lighting control device.

**CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

#### Make electrical connections in accordance with NEC and local codes.

