

Installation Guide

1

READ AND FOLLOW ALL SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

- To reduce the risk of death, personal injury or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards please read all warnings and instructions included with and on the fixture box and all fixture labels.
- Before installing, servicing, or performing routine maintenance upon this equipment, follow these general precautions.
- Installation and service of luminaires should be performed by a **qualified licensed electrician**.
- Maintenance of the luminaires should be performed by person(s) familiar with the luminaires' construction and operation and any hazards involved. Regular fixture maintenance programs are recommended.
- It will occasionally be necessary to clean the outside of the refractor/lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to user. Refractor/lens should be washed in a solution of warm water and any mild, non-abrasive household detergent, rinsed with clean water and wiped dry. Should optical assembly become dirty on the inside, wipe refractor/lens and clean in above manner, replacing damaged gaskets as necessary.
- **DO NOT INSTALL DAMAGED PRODUCT!** This luminaire has been properly packed so that no parts should have been damaged during transit. Inspect to confirm. Any part damaged or broken during or after assembly should be replaced.
- Recycle: For information on how to recycle LED electronic products, please visit www.epa.gov.
- These instructions do not purport to cover all details or variations in equipment nor to provide every possible contingency to meet in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's or owner's purposes, this matter should be referred to Acuity Brands Lighting, Inc.



WARNING RISK OF ELECTRIC

- ✓ Disconnect or turn off power before installation or servicing.
- ✓ Verify that supply voltage is correct by comparing it with the luminaire label information.
- ✓ Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.
- ✓ All wiring connections should be capped with UL approved recognized wire connectors.



WARNING RISK OF BURN

- ✓ Allow lamp/fixture to cool before handling. Do not touch enclosure or light source.
- ✓ Do not exceed maximum wattage marked on luminaire label.
- ✓ Follow all manufacturer's warnings, recommendations and restrictions for: driver type, burning position, mounting locations/ methods, replacement and recycling.



CAUTION

- ✓ Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- ✓ Avoid direct eye exposure to the light source while it is on.



CAUTION

- ✓ Keep combustible and other materials that can burn, away from lamp/lens.
- ✓ Do not operate in close proximity to persons, combustible materials or substances affected by heat or drying.

Installation Guide

2



CAUTION: RISK OF PRODUCT

- ✓ Never connect components under load.
- ✓ Do not mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- ✓ Unless individual product specifications deem otherwise: Never connect an LED product directly to a dimmer packs, occupancy sensors, timing devices, or other related control devices. LED fixtures must be powered directly off a switched circuit.
- ✓ Unless individual product specifications deem otherwise: Do not restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.
- ✓ Unless individual product specifications deem otherwise: Do not exceed fixtures maximum ambient temperature.
- ✓ Only use fixture in its intended location.
- ✓ LED products are Polarity Sensitive. Ensure proper Polarity before installation.
- ✓ Electrostatic Discharge (ESD): ESD can damage LED fixtures. Personal grounding equipment must be worn during all installation or servicing of the unit.
- ✓ Do not touch individual electrical components as this can cause ESD, shorten lamp life, or alter performance.
- ✓ Some components inside the fixture may not be serviceable. In the unlikely event your unit may require service, stop using the unit immediately and contact an ABL representative for assistance.
- ✓ Always read the fixtures complete installation instructions prior to installation for any additional fixture specific warnings.

Please see product specific installation instructions for additional warnings or any applicable FCC or other regulatory statements.

Failure to follow any of these instructions could void product warranties. For a complete listing of product Terms and Conditions, please visit www.acuitybrands.com.

Indoor/Outdoor

Lithonia Lighting
Carandini
Holophane
RELOC

Indoor Lighting

Gotham
Mark Architectural Lighting
Peerless
Renaissance Lighting
Winona Lighting

Outdoor Lighting

American Electric Lighting
Antique Street Lamps
Hydrel
Tersen

Controls

Dark to Light
Lighting Control & Design
ROAM
Sensor Switch
Synergy

Acuity Brands Lighting, Inc. assumes no responsibility for claims arising out of improper or careless installation or handling of its products.

ABL LED General Warnings, Form No. 503.203

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HSL11 - WET LOCATION

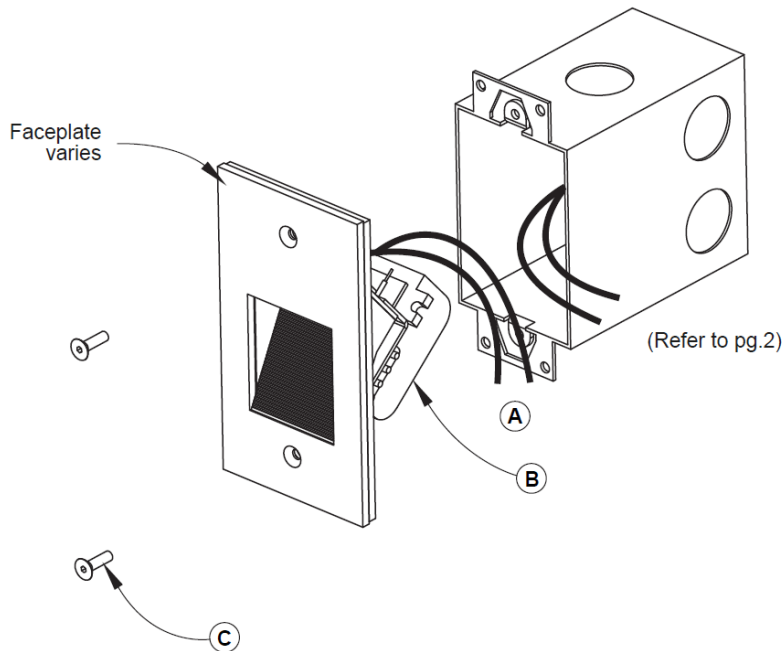
3

INSTALLATION INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE INSTALLATION!

WET LOCATION

The **HSL11** is designed to mount to a standard switch box mounted flush to the wall surface. A box with a minimum depth of 2-1/8" is required. The Steel City "CX" series is recommended.



INSTALLATION STEPS

1. Refer to the wiring diagrams on page 2 to determine appropriate connections for the project.
2. Connect supply wires to driver input wires (A) per wiring diagram.
3. Remove and discard nuts holding screws (C) to LED unit and faceplate (B). Do not separate LED unit from faceplate.
4. Apply silicone sealant to gasket on back of faceplate.
5. Set LED unit in box and align holes in faceplate to holes in box.
6. Thread screws (D) through faceplate and LED unit securing fixture to switchbox.

MAINTENANCE AND CLEANING

No regular maintenance is required. The LED module and driver are non-serviceable components with a 50,000 hour operating life to 70% initial output. At 100,000 hours, light output will be approximately 50% of initial. Clean the fixture with a soft cloth moistened with mild soap and water. Do not spray wet label fixtures with high-pressure water.

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATION WITHOUT NOTICE.

Any dimension on this sheet is to be assumed as a reference dimension: "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)

HSL 11/13

4

WIRING AND DIMMING

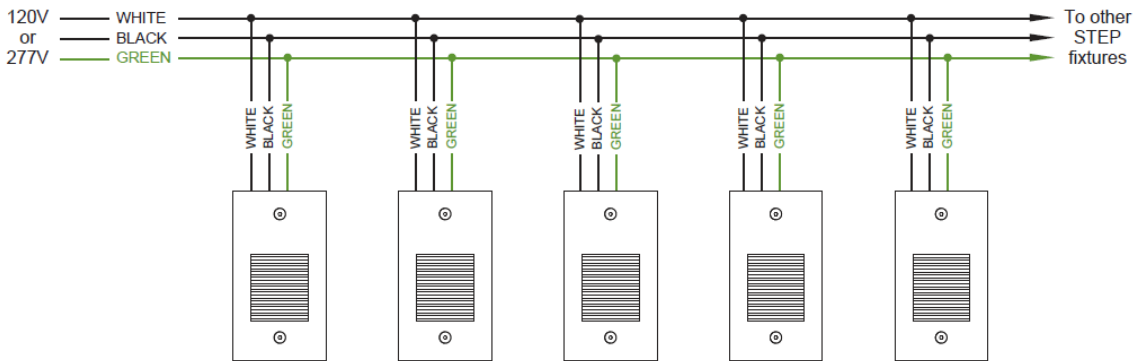
POWER SUPPLY / DIMMING

All STEPS models are available with Dimming and Non-Dimming internal drivers in both 120V and 277V input versions. Dimming drivers require a 0-10V fluorescent-type dimming control.

Read all instructions before installation. Do not make live connections!

NON-DIMMING INSTALLATIONS

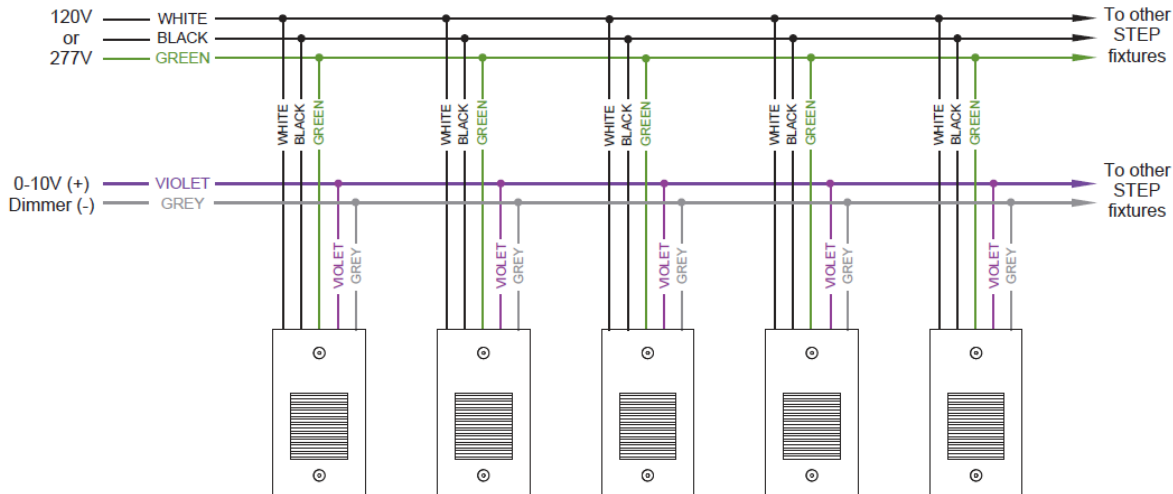
Connect STEP **WHITE** wire to power **NEUTRAL**.
Connect STEP **BLACK** wire to power **HOT**.
Connect STEP **GREEN** wire to power **GROUND**.



DIMMING INSTALLATIONS

The integral dimming driver is designed to the 0-10V IEC dimming specification 60929 and is compatible with common 0-10V dimmers and dimming systems. Do NOT connect line voltage to dimming input wires.

Connect STEP **WHITE** wire to power **NEUTRAL**.
Connect STEP **BLACK** wire to power **HOT**.
Connect STEP **VIOLET** wire to **POSITIVE INPUT** of Dimming Control.
Connect STEP **GREY** wire to **NEGATIVE INPUT** of Dimming Control.



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