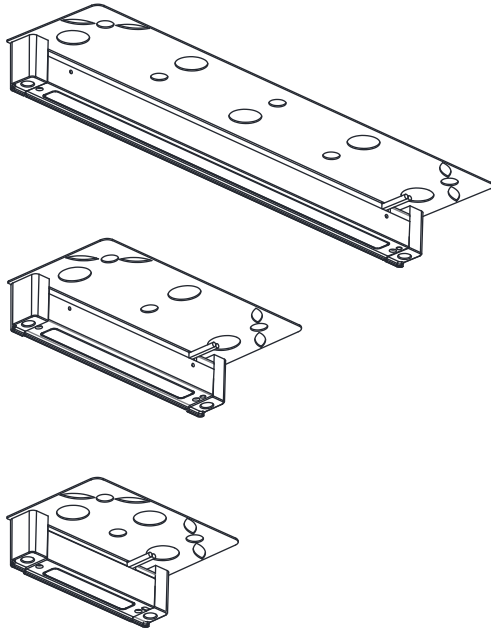




INSTALLATION INSTRUCTIONS

VOLT® LOW VOLTAGE LANDSCAPE LIGHTING

VOLT® Low Voltage Smart Serviceable Hardscape Light

ITEM: SM-VHS-6803 & SM-VHS-6806 & SM-VHS-6812

1-813-978-3700 • Mon-Fri 8am-8pm • Sat-Sun 10am - 6pm (ET)

**IMPORTANT: PLEASE READ BEFORE INSTALLATION**

This luminaire is intended for installation in accordance with local codes and the National Electric Code (NEC). Failure to adhere to these codes and instructions may result in serious injury, property damage and void the warranty.

These instructions do not intend to cover all variations in installation, operation maintenance or mounting situations.

1. Make sure that the power is turned OFF before installing or servicing this luminaire.
2. Warning: risk of electrical shock. Install all luminaires 10 feet (3.05M) or more from pool, spa or fountain.
3. This luminaire is intended to be used only with a power supply (transformer) rated maximum of 300 watts (25 AMPS) at 15 volts.
4. Fixture wires must be connected to smart platform transformer correctly.
5. DO NOT INSTALL in walls where the capstones overhang the wall less than 3/4" [19mm] or under stairs where the tread overhangs the riser less than 3/4" (19mm).
6. Wiring connections must be made with UL listed wire connectors that are suitable for outdoor use.
7. Position the low voltage wire and wire connector so that it is located within 6 inches (15.2 cm) from a building structure, a luminaire, or fitting.
8. The main low voltage cable is intended for shallow burial - less than 6 inches (152 mm).
9. Contact only switch/plug when turning on.
10. When ordering additional wire or cable, please contact the manufacturer customer service or contact a qualified electrician.

IMPORTANT SAFETY INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS

Lighted lamp is HOT!

WARNING – TO REDUCE THE RISK OF FIRE OR INJURY TO PERSONS.

1. Turn off/unplug and allow to cool before replacing LED module.
2. LED module gets HOT quickly! Contact only switch/plug when turning on.
3. Do not touch the hot lens, guard or enclosure.
4. Keep LED module away from materials that may burn.
5. Do not touch LED module at any time. Use a soft cloth. Oil from skin may damage LED module.
6. Do not operate the luminaire fitting with a missing or damaged shield.

SAVE THESE INSTRUCTIONS

WARNING

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

RF Exposure Statement: The distance between user and products should be no less than 20cm.

PACKAGE CONTENTS

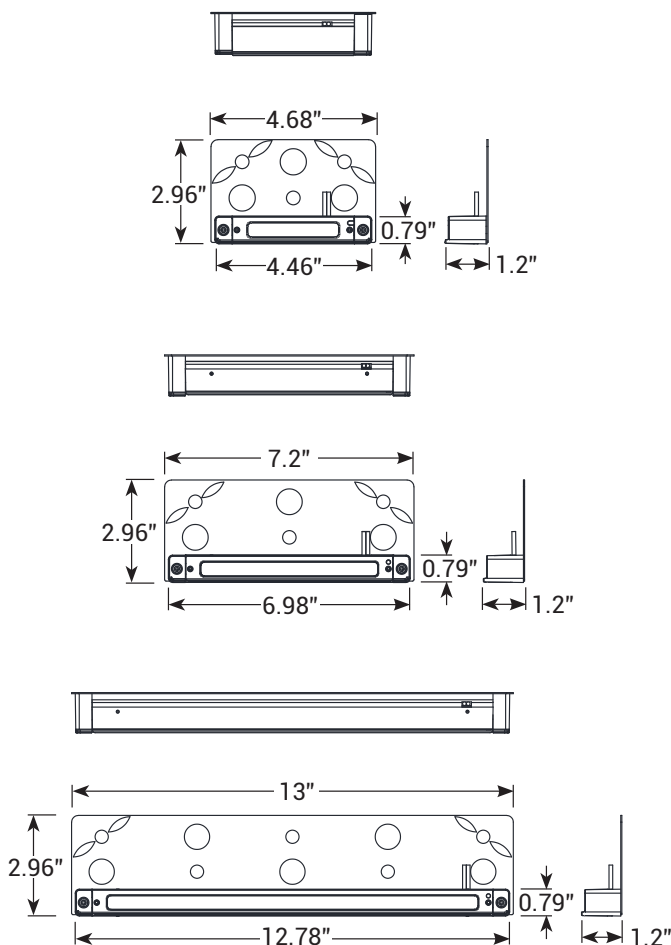
- | | |
|---|---------------------|
| A. (1) Fixture Body with Mounting Plate | B. (2) Screws |
| | C. (2) Wall Anchors |

PARTS REQUIRED (SOLD SEPARATELY)

- A. (1) VOLT Smart Transformer

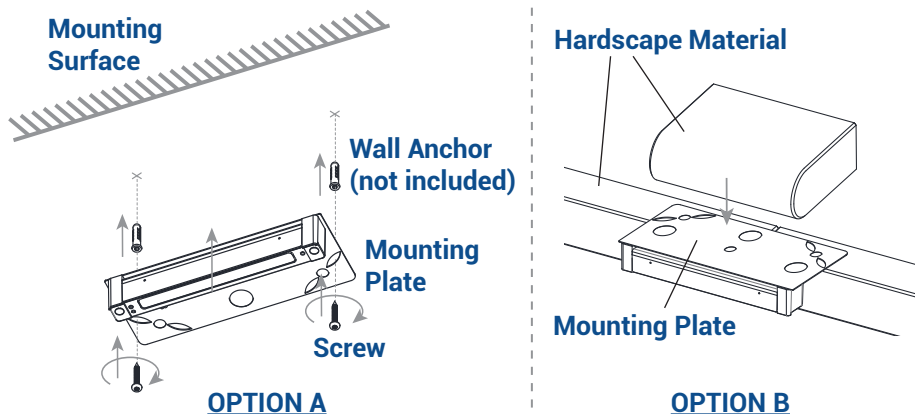
*** Visit our website www.voltlighting.com to purchase. ***

PRODUCT DIMENSIONS



INSTALLATION METHOD 1: MOUNTING WITH MOUNTING PLATE

1 INSTALL MOUNTING PLATE TO MOUNTING SURFACE



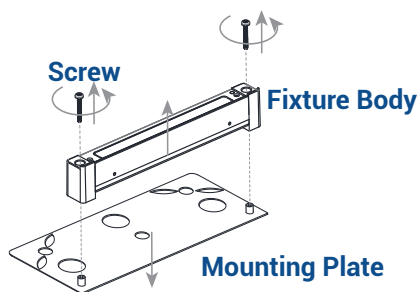
Use standard masonry procedures, route the fixture wire to the main low voltage supply cable. A "V" shaped notch can be cut into the mounting surface or the hardscape material to aide in wire management if desired.

1. Option A: Attach the mounting plate onto the desired mounting surface and secure with the screws. Hand tighten until snug with a screwdriver.

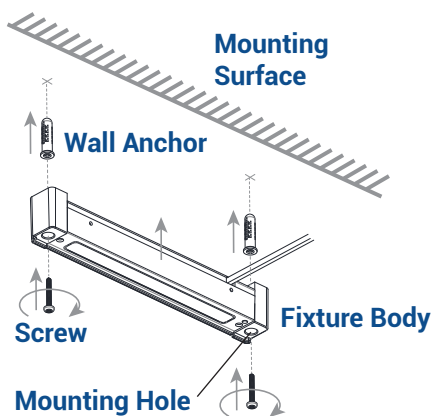
Note: Wall anchors are required for concrete or brick mounting surface.

2. Option B: Insert the mounting plate in between layers of hardscape material. Use adhesive or mortar (not provided) to secure the mounting plate in place.

Go to Step 4 to complete the rest installations.

INSTALLATION METHOD 2: DIRECT MOUNTING**2 REMOVE MOUNTING PLATE FROM FIXTURE BODY**

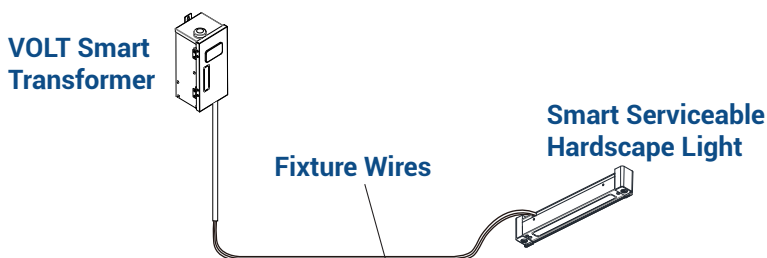
Remove the mounting plate from the fixture body by unlocking two screws.

3 INSTALL FIXTURE BODY TO MOUNTING SURFACE

Attach the fixture onto the desired mounting surface and secure with the screws. Hand tighten until snug with a screwdriver.

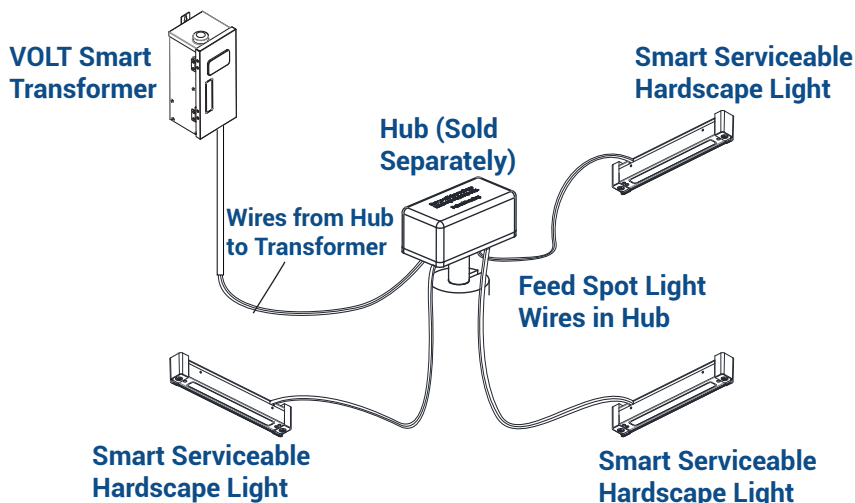
Note: Wall anchors are required for concrete or brick mounting surface.

4 WIRE CONNECTIONS



For one smart serviceable hardscape light, connect the fixture wires from the smart serviceable hardscape light to the smart transformer directly.

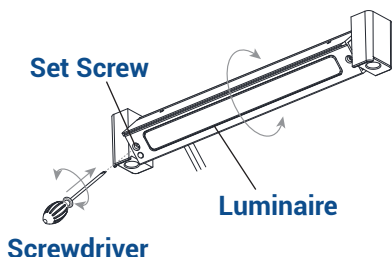
*** The illustration shows one of VOLT hubs. Other VOLT hubs are also compatible for this system.



For multiple smart serviceable hardscape lights, we suggest using the hub to connect all the lights to the smart transformer.

1. Place the hub that is used to connect multiple smart serviceable hardscape lights near the smart transformer. Use the proper length wires to connect the hub and the smart transformer.
2. Feed all the supply wires from the smart serviceable hardscape lights into the hub.

5 ADJUST LUMINAIRE ANGLE



By using screwdriver, loosen the set screws to adjust the luminaire to your desired angle. Always tighten the set screws after the desired angle is achieved.

HOW TO CONNECT SMART SERVICEABLE HARDSCAPE LIGHT TO LIGHTING SYSTEM

Before connecting the smart serviceable hardscape light to your lighting system, please ensure that:

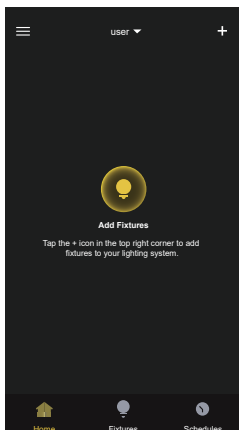
- The APP "VOLT Smart" has been installed on your smartphone.
- The smart transformer has been successfully on boarded, is powered on, and shows three solid LEDs on the front display.

All products default to a factory setting. The lights must be paired to "VOLT Smart" APP before using them.

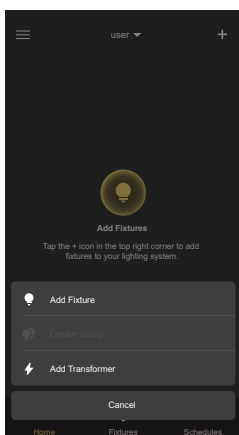
Whenever the smart serviceable hardscape light is powered on, it will sequentially display five colors: red, green, blue, cool white, and warm white, with each color lasting for one second. After the color-cycling sequence:

1. When the smart serviceable hardscape light has not yet been paired to the smart transformer, it will begin blinking alternately between warm white and cool white.
2. When the smart serviceable hardscape light is paired to the smart transformer for the first time, the color temperature will turn to 2200K.
3. When the smart serviceable hardscape light has been paired to the smart transformer already, it will be restored to the last working state.

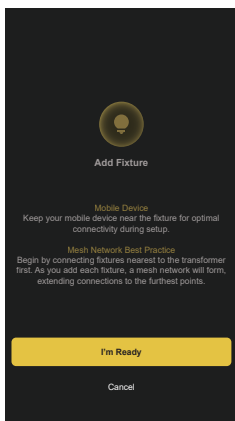
HOW TO CONNECT SMART SERVICEABLE HARDSCAPE LIGHT TO LIGHTING SYSTEM (CONTINUED)



1. Start the APP "VOLT Smart" on your smartphone. Tap the "+" icon in the top right corner to add the smart serviceable hardscape light to your lighting system.



2. Click "Add Fixture".

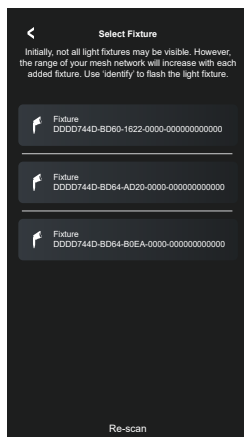


3. Before click "I'm Ready", please check below notes on the screen:
 - Mobile Device: Keep your mobile device near the fixture for optimal connectivity during setup.
 - Mesh Network Best Practice: Begin by connecting fixtures nearest to the transformer first. As you add each fixture, a mesh network will form, extending connections to the furthest points.

HOW TO CONNECT SMART SERVICEABLE HARDSCAPE LIGHT TO LIGHTING SYSTEM (CONTINUED)

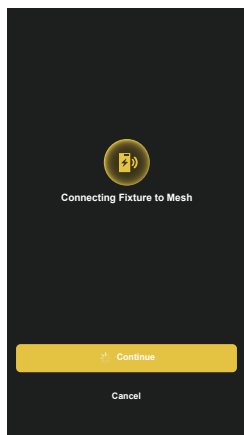


4. Select the transformer to which you would like to connect your smart serviceable hardscape light.

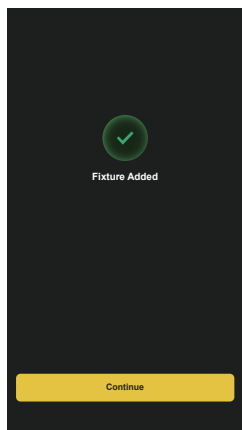


5. Select the smart serviceable hardscape light you would like to onboard. If the desired serviceable hardscape light is not displayed, click the "Rescan" button until it becomes visible.

HOW TO CONNECT SMART SERVICEABLE HARDSCAPE LIGHT TO LIGHTING SYSTEM (CONTINUED)



6. Wait until the smart serviceable hardscape light is connected to the Bluetooth Mesh. When the fixture successfully connects to the Bluetooth Mesh, it will change to a solid white color.



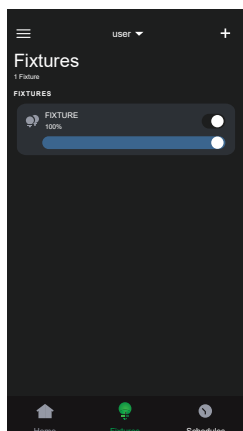
7. Once the smart serviceable hardscape light has been successfully onboarded to your lighting system, click "Continue" to operate the fixture and/or return to another menu.

Congratulations! The installation and configuration of your VOLT Smart serviceable hardscape light is complete.

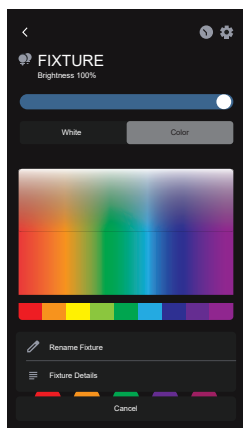
TROUBLESHOOTING

*** An NFC-enabled smartphone is required for this step. ***

If you cannot control the smart serviceable hardscape light by using the "VOLT Smart" APP, refer to the following troubleshooting steps:

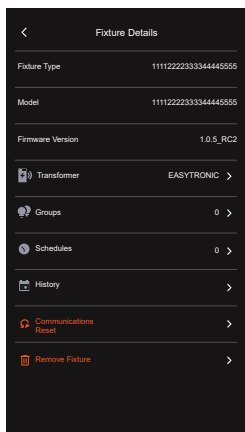


1. Open the "VOLT Smart" APP, find the fixture name that cannot be controlled. Click the fixture name to start the troubleshooting.

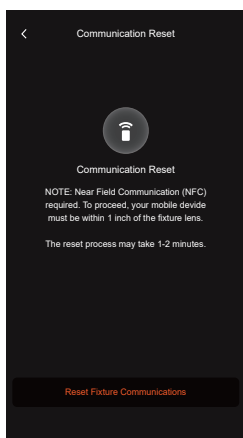


2. Click "Fixture Details".

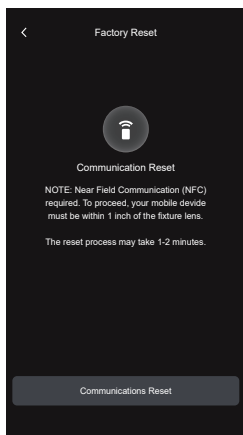
TROUBLESHOOTING (CONTINUED)



3. Click "Communication Reset".

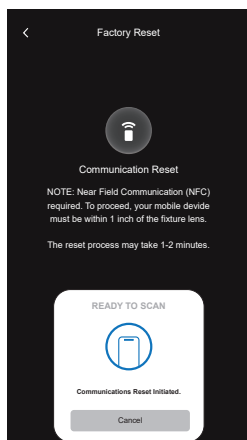


4. Click "Reset Fixture Communications".



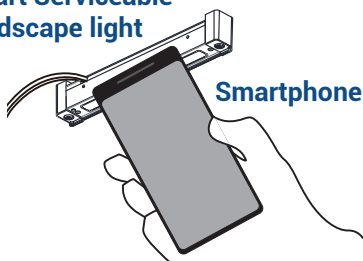
5. Click "Communication Reset".

TROUBLESHOOTING

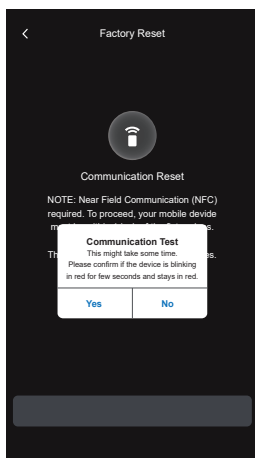


- Now the screen shows "Ready to Scan". Keep your smartphone on the current page and prepare to place your phone within 1 inch of the fixture lens.

Smart Serviceable Hardscape light

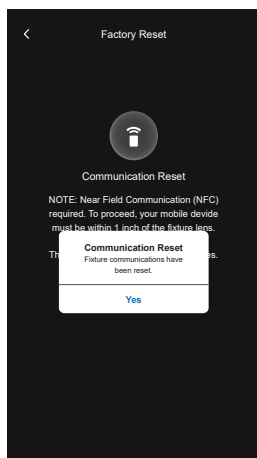


- Put your smartphone within 1 inch of the fixture lens and wait for a few seconds.



- Click "Yes" to start communication test.
- Now the smart serviceable hardscape light is blinking red for few seconds and finally stays red. The progress bar displays the same color synchronously. This process might take some time.

TROUBLESHOOTING (CONTINUED)



10. Click "Yes" to continue.

The smart serviceable hardscape light communication has now been reset and can once again be controlled via the VOLT Smart app.

If your smart serviceable hardscape light still cannot be controlled after following these steps, you will have to perform a factory reset, described in the next section, and re-onboard the fixture.

HOW TO RESTORE THE DEFAULT SETTINGS

To restore the smart serviceable hardscape light to its factory default settings, perform the following steps:

1. Locate the wire termination point of the cable feeding the fixture. This is usually at a hub or the transformer.
2. With power on to the fixture, disconnect the fixture's wire termination for 1-2 seconds.
3. Reconnect the wire termination so that the fixture proceeds through its startup color sequence.
4. Repeat steps 2-3 for a total of five (5) off-on cycles.
5. On the fifth ON cycle, leave the fixture's wire termination intact. The fixture should now go through its red-green-blue-cool white-warm white sequence, then begin blinking alternately between warm white and cool white.

IMPORTANT NOTE: Do not perform the five off-on sequence mentioned above on the transformer using the transformer's power button or output power switch. Performing this sequence in this manner will force ALL fixtures powered by the transformer into a factory reset mode.

Once the smart serviceable hardscape light has been successfully onboarded to your lighting system, click "Continue" to operate the fixture and/or return to another menu. For any further questions, please contact VOLT customer service.



1-813-978-3700 • Mon-Fri 8am-8pm • Sat-Sun 10am - 6pm (ET)

Specifications and product details subject to change without notice.
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