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# Installation Instructions for **Surface Mount Light Channel, 24VDC**

LCSM-24V-\_\_\_-W

### **Wet Location**

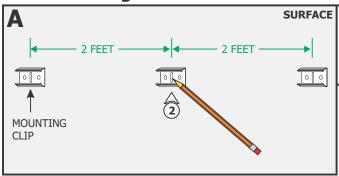
#### IMPORTANT INFORMATION

- This instruction shows a typical installation.
- This product is ETL listed for outdoor wet location.

### **SAVE THESE INSTRUCTIONS!**



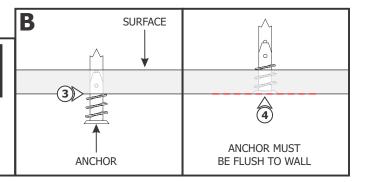
## **Install the Light Channel**

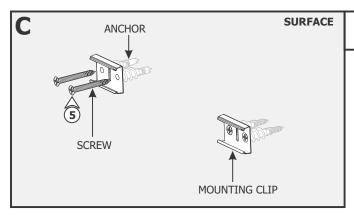


- 1: Determine the location for the Light Channel.
- 2: Place the clips on the surface every 2' (measure from the center of the slot of the mounting clip) and mark the screw locations.

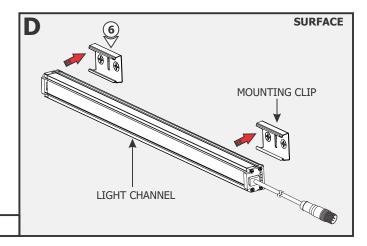
**NOTE:** Step 3 and 4 are for drywall mounting. Omit these steps if mounting the clips to a wood surface directly. **ANCHORS ARE NOT PROVIDED.** 

- **3:** Tap the anchors onto the marked locations up to the threaded portion with a hammer.
- **4:** Screw in the threaded portion of the anchors with a Phillips screwdriver.

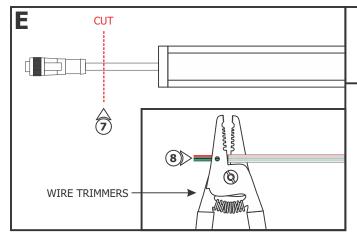




**5:** Line up the mounting clips to the anchors and secure it to the anchors by tightening the two #8-32 screws to each clip.



6: Snap each Light Channel into the spring clips.

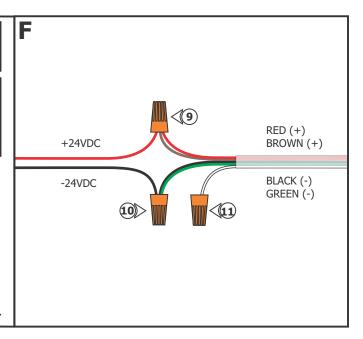


- 7: Cut the end of the power cord that is going to be connected to power and discard the unused connector.
- **8:** Use AWG wire trimmers to remove the outer insulation from wire harness where electrical connection will be made.

**NOTE:** Outdoor electrical connections must be made inside a waterproof junction box or using waterproof wire nut connections.

**NOTE:** Depending on the rated wattage of the individual fixtures, the fixtures would share a power supply or be powered individually. When sharing a power supply among fixtures, make sure they are connected in parallel to the output of the power supply.

- **9:** Connect the red and brown wires of the LED strip to the +24VDC wire of the power supply with a wire nut.
- **10:** Connect the black and green wires of the LED strip to the -24VDC wire of the power supply with a wire nut.
- **11:** Cap the white wire end with a wire nut. The white wire is not used.
- **12:** Refer to the wiring diagram below and the instructions provided with the power supply to complete the installation.



## **General Wiring Diagram**

