



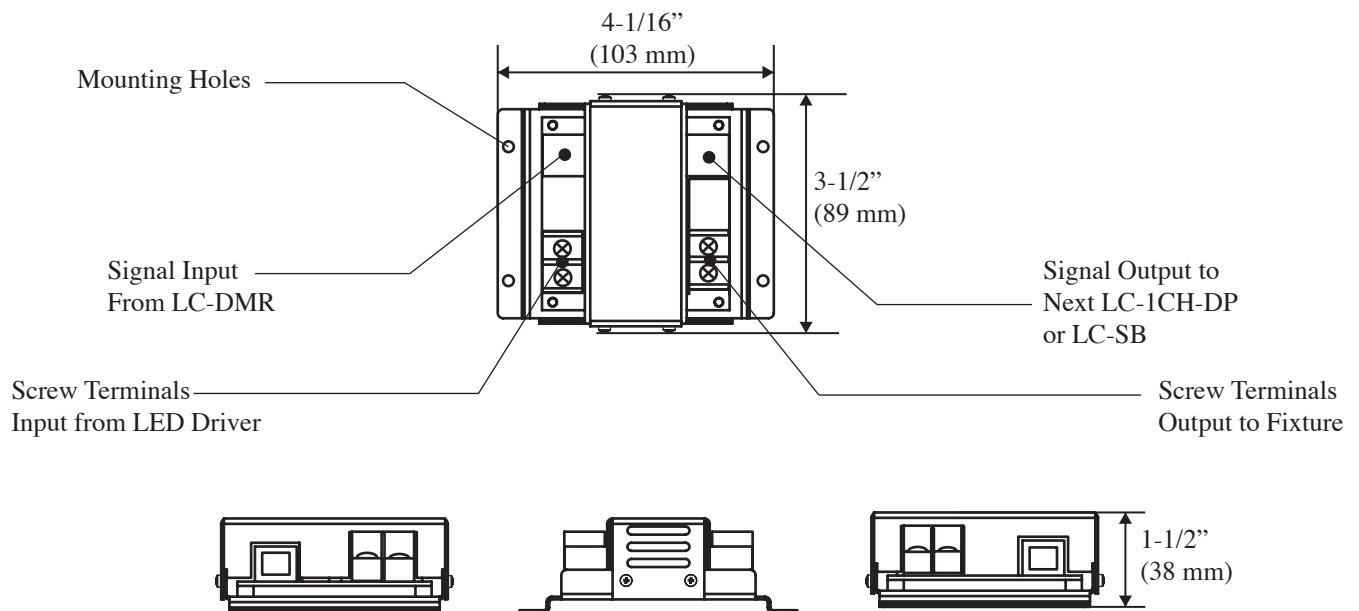
TOKISTAR LIGHTING INSTRUCTION MANUAL

LC-1CH-DP SINGLE-CHANNEL DIMMER PACK

DESCRIPTION

The LC-1CH-DP Single-channel dimmer pack is used to dim Tokistar Lighting fixtures with operating voltages of 6 or 8 VDC. The signal input is provided from a Tokistar LC-DMR remote wall dimming unit. The power input is provided from a Tokistar Class 2 Led Driver with a 6 or 8 VDC output.

An unlimited number of LC-1CH-DP can be connected in line with each other. Upon reaching certain maximum distances or number of dimmer packs, a Tokistar LC-SB signal booster is required as described in Step 5 of the installation instructions.



! PRECAUTIONS

- Read all instructions completely before beginning installation.
- Unit is suitable for Dry Locations Only.
- For use from Tokistar 6 or 8 VDC Class 2 LED Drivers only.
- Installation to be performed by qualified Electrician only.
- Install in accordance with all local codes.
- Do not use any test equipment generating high frequency/voltage such as insulation testing meters.

TOKISTAR LIGHTING

1561 N. GEMINI PL.

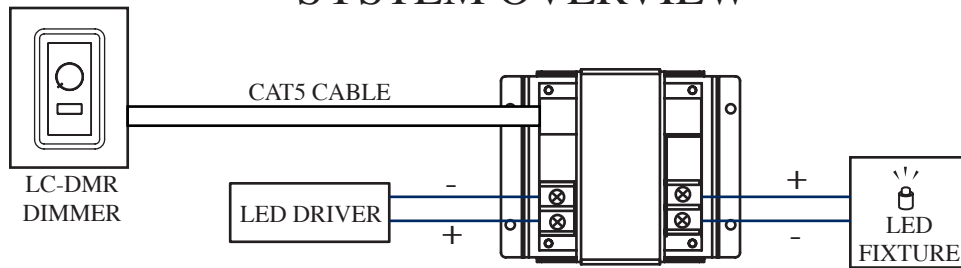
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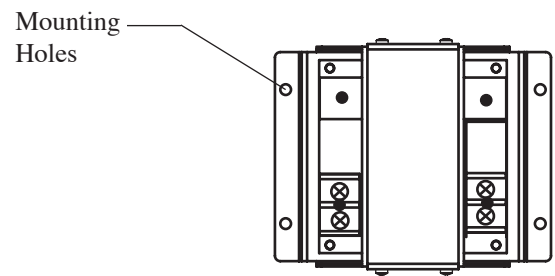
INSTALLATION INSTRUCTIONS

SYSTEM OVERVIEW



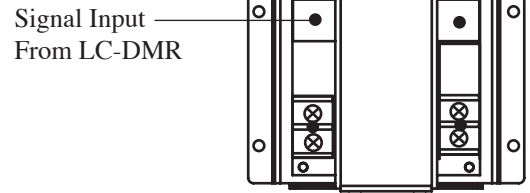
STEP 1 - MOUNTING

Select suitable mounting surface in dry location. Mount dimmer pack with screws through mounting holes provided on flanges.



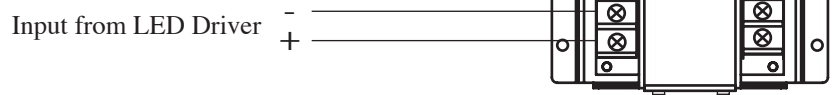
STEP 2 - CONNECTING DIMMER

Connect LC-DMR dimmer to signal input with the 50 ft. RJ45-CAT5 cable supplied with the dimmer.



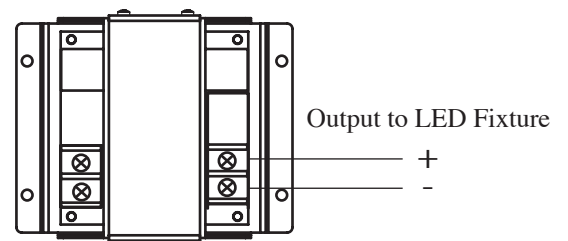
STEP 3 - CONNECTING POWER INPUT

With power off, connect input wires from 6 or 8 VDC Class 2 LED Driver to input terminals. Note polarity when making connection.



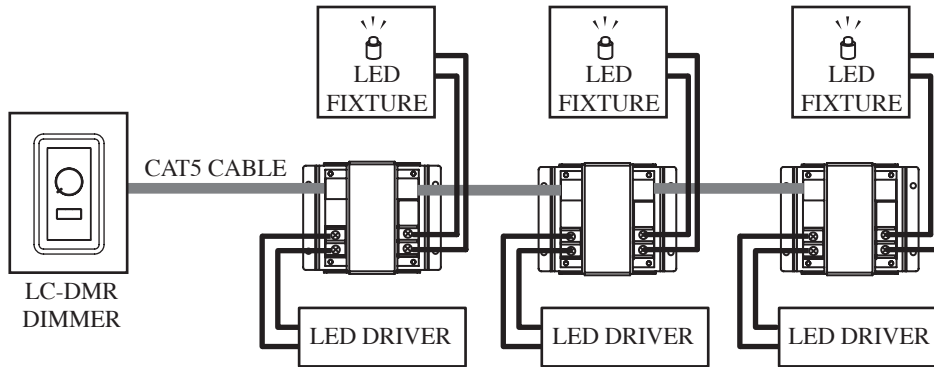
STEP 4 - CONNECTION TO FIXTURES

With power off, connect output wires from output terminals to LED Fixtures. Note polarity when making connection, and do not exceed rating of unit (40 watts @ 8 VDC or 30 watts @ 6 VDC).

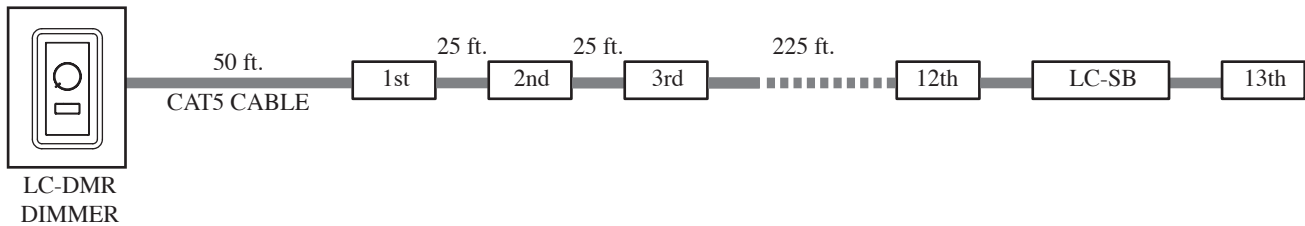


STEP 5 - MULTIPLE DIMMERS

Multiple Dimmer Packs can be connected in line using the 25 ft. RJ45-CAT5 cables supplied with each dimmer pack.



An unlimited number of dimmer packs can be connected in line with the use of Tokistar's LC-SB Signal Booster. If the factory supplied CAT5 cables of 50 and 25 ft. are used, an LC-SB will be required after the 12th Dimmer Pack as shown. If longer CAT5 cable is used, consult factory with your specific layout for recommendation.



After the first LC-SB, the next unit would be required after an additional 14 Dimmer Packs with 25 ft. of CAT5 cable between them. This repeats up to an unlimited number of units.



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