LARC6
24VDC Modular Lightbar

WARNING!

FAMILIARIZE YOURSELF WITH INSTRUCTIONS BEFORE PROCEEDING. FOLLOW ALL LOCAL CODES. VERIFY THAT POWER IS OFF BEFORE PROCEEDING. MAKE SURE YOU USE PROPER RATED WIRE.

NOTE: DO NOT INSTALL IN AN APPLICATION THAT IS OUTSIDE OF THE PRODUCTS LISTED AMBIENT TEMPERATURE AND IN AN AREA THAT IS NOT EASILY ACCESSED FOR SERVICE REQUIREMENTS. USE MAGNETIC DRIVER ONLY. WE RECOMMEND THAT YOU ENGAGE A QUALIFIED, LICENSED ELECTRICIAN. MODIFYING OR DISASSEMBLING BEYOND INSTRUCTIONS WILL VOID THE WARRANTY FOR THIS PRODUCT.

DO NOT EXCEED MAXIMUM RUN OF 16' OF LIGHT FIXTURE ON ONE POWER LEAD. MAXIMUM RUN WITH -TD (TOUCH DIMMER) OR -OS (OCCUPANCY SENSOR) IS 10'.

Connecting to Power Supply

NOTE: Use only a Plug the LightBar to power supply connector into the LARC6 LED LightBar **(Fig. 1)**. Connect the positive (+) side of the wire from the connector (denoted by white writing) to the positive (+) lead of the 24VDC power supply. Connect the negative (-) lead of the 24VDC power supply. (Power supply and connector included (1) GMC-PS-24).

Connecting LARC6 LED Lightbars together

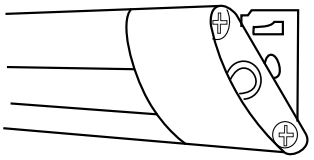
LightBars plug directly together using the LARC6-BB-1 connector **(Fig. 2)** or bar to bar connectors.

Mounting

Open mounting clips by prying then open from the back of the bar **(Fig. 3)**. Predrill mounting holes in the mounting surface for the mounting screws. Screw the fixture in place. Be cautious to avoid breaking the clip by force or over tightening **(Fig. 4)**. Adjust light flat or for angled light spread **(Fig. 5)**.

Wiring Diagram

See **(Fig. 6)** for typical wiring diagram where a LARC6-TD Touch Dimmer or -OS Occupancy Sensor is used at start of run. **NOTE: ONLY USE NON-DIMMING POWER SUPPLY. WHEN NOT USING -TD OR -OS MODULE, YOU CAN USE A DIMMABLE 24VDC POWER SUPPLY. Maximum run with -TD or -OS modues is 10'. Without modules - 16'.**



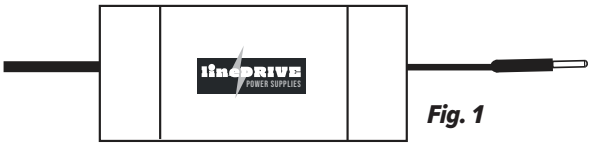


Fig. 1

24VDC Power Supply

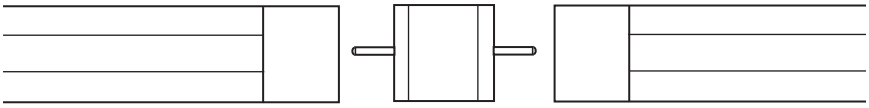


Fig. 2

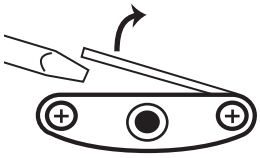


Fig. 3

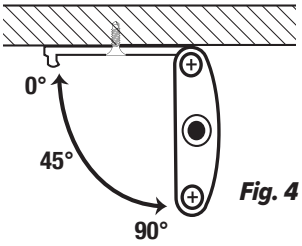


Fig. 4

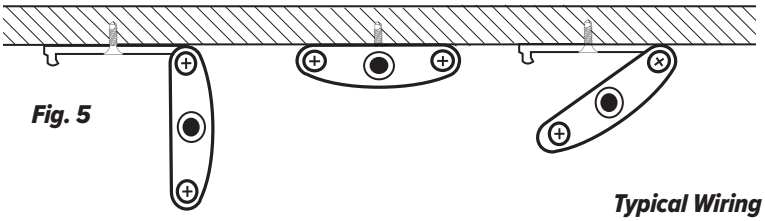
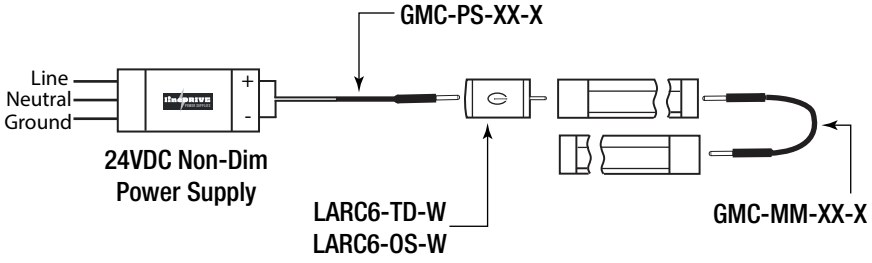


Fig. 5

Typical Wiring Diagram

Fig. 6



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