

DMX INSTALLATION

- DEFAULT ADDRESS: 1
- WIRING: a) CAT 5 (COMPLIES WITH ESTA/ANSI EL.27-2-2009(R2019))
b) METHOD OF TERMINATION: WIRE LEAD
- DMX/CAT 5 COLOR SCHEME
WHITE/ORANGE: DATA 1+
ORANGE: DATA 1-
WHITE/BROWN: DATA LINK COMMON
- FIXTURE COLOR SCHEME:
RED: COMMON 24VDC (+)
BLACK: 5000K CHANNEL (-)
WHITE: 2700K CHANNEL (-)
- TERMINATE LOOP WITH 120 OHM RESISTOR (BY INSTALLER)
- COMMISSIONING SHOULD BE PERFORMED BY AN EXPERIENCED 3RD PARTY INTEGRATOR ON JOB-SITE
- INSTALLATION MAY REQUIRE SHIELDED CABLE IF EMI IS PRESENT
- ALL UNITS ARE RDM COMPATIBLE
- MAX LENGTH OF UNIVERSE MUST BE LESS THAN 1000 FEET
- DEFAULT FIXTURE BEHAVIOR WHEN NO DMX IS PRESENT: OFF
- DEFAULT DRIVER DIMMING CURVE: LOGARITHMIC (DMX CONTROL SYSTEM OUTPUTTING LINEAR)

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1. Ensure power supply, EldoLED controller, and T-BAR LED™ are properly wired as per the provided installation instructions.
2. Connect DMX control system to EldoLED controller as per manufacturers instructions. Verify EldoLED is in DMX mode with the proper start address as required by the DMX control system. Ensure dimming setting (linear or log) on the EldoLED is set according to the DMX control system requirements.
3. Follow the below table for the DMX control system settings to achieve certain white color points. Failure to operate as specified could result in damage.

Target CCT	Channel 1 (2700K)	Channel 2 (5000K)
2700K	100%	0
3000K	83.3%	15.5%
3500K	54.1%	42.6%
4000K	31.5%	63.5%
4500K	12.3%	81.4%
5000K	0	92.8%