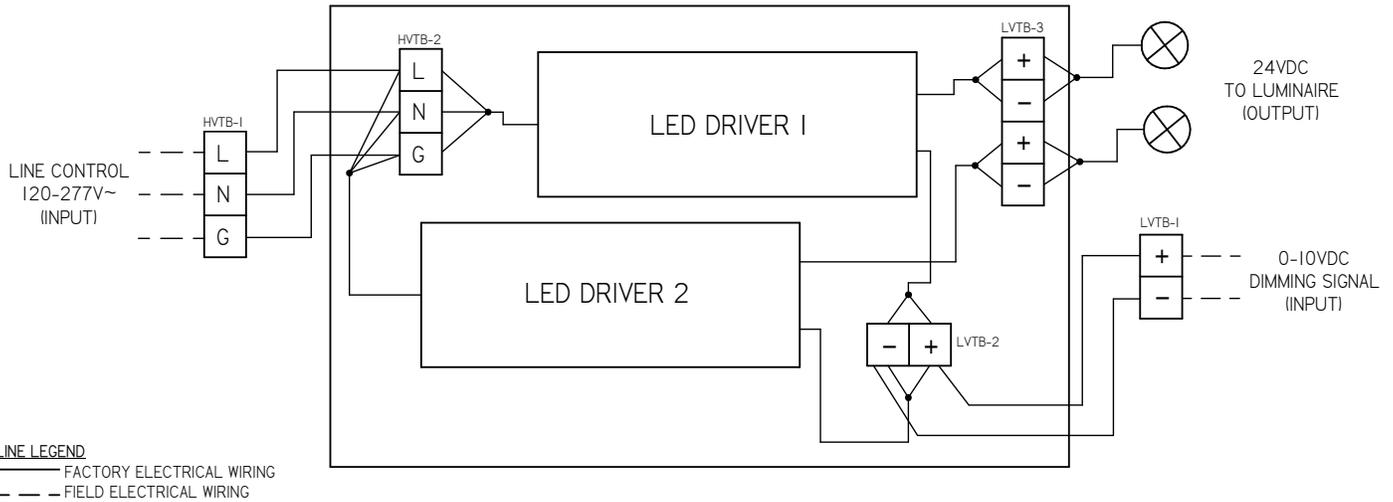


ULFD - LAMINAR FLOW DIFFUSER WITH INTEGRATED LED LIGHTING

WIRING DIAGRAM



LINE LEGEND

————— FACTORY ELECTRICAL WIRING
 - - - - - FIELD ELECTRICAL WIRING

LEGEND

LINE CONTROL

G: GROUND
 N: NEUTRAL
 L: LINE

0-10 VDC

(+): 0-10V +
 (-): 0-10V -

24 VDC

(+): LED +
 (-): LED -

HVTB-1: HIGH VOLT TERMINAL BLOCK - FIELD CONNECTION
 HVTB-2: HIGH VOLT TERMINAL BLOCK - FACTORY CONNECTION
 LVTB-1: 0-10VDC TERMINAL BLOCK - FIELD CONNECTION
 LVTB-2: 0-10VDC TERMINAL BLOCK - FACTORY CONNECTION
 LVTB-3: 24VDC TERMINAL BLOCK - FACTORY CONNECTION

NOTES:

- 1) WHEN LIMITED ENERGY CABLE IS USED FOR THE DC OUTPUTS AND DIMMING INPUTS, IT SHALL BE RELIABLY ROUTED AWAY FROM ANY NON-CLASS 2 FACTORY INSTALLED WIRING BY AT LEAST 1/4" BY THE USE OF TIE-WRAPS, CABLES OR SIMILAR MEANS.
- 2) 0-10VDC WIRE LENGTH SHOULD NOT EXCEED 500FT (IF THE SUPPLIED DIMMER IS BEING USED FOR DIMMING).
- 3) USE MINIMUM 20AWG WIRE FOR 0-10VDC CONTROL SIGNAL.
- 4) USE COPPER 75 C MIN. RATED WIRE FOR FIELD CONNECTION SUPPLY.
- 5) USE COPPER 80 C MIN. RATED WIRE FOR LOW VOLTAGE FIELD LUMINAIRE CONNECTIONS.

INSTALLATION WORK AND ELECTRICAL WIRING MUST BE DONE BY QUALIFIED PERSON(S) IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS