

ProTools 60 Linear 6"/12" - Remote Drivers

driver information

interlux

Please refer to driver manufacturer’s website for current data sheets and wiring guidelines.

| FIXTURES PER DRIVER |         |        |                |          |           |           |
|---------------------|---------|--------|----------------|----------|-----------|-----------|
| DRIVER              | WATTAGE | LENGTH | POWER [W / ft] |          |           |           |
|                     |         |        | P1 [3.0]       | P2 [6.0] | P3 [10.0] | P4 [15.0] |
| E1 <sup>1</sup>     | 30W     | 6"     | 10 (18)        | 5 (8)    | 5         | 3         |
| E1                  | 50W     | 6"     | 10             | 10       | 8         | 6         |
| E1 <sup>1</sup>     | 75W     | 6"     | 10 (20)        | 10 (20)  | 10 (14)   | 8         |
| L1 <sup>2</sup>     | 75W     | 6"     | 4 - 9          | 4 - 9    | 5 - 9     | 4 - 9     |
| DALI <sup>3</sup>   | 75W     | 6"     | 10             | 10       | 10        | 8         |
| TQ <sup>3</sup>     | 50W     | 6"     | 10             | 10       | 8         | 6         |
| E1 <sup>1</sup>     | 30W     | 12"    | 5 (8)          | 4        | 2         | 1         |
| E1                  | 50W     | 12"    | 5              | 5        | 4         | 3         |
| L1 <sup>2</sup>     | 75W     | 12"    | 5 (10)         | 5 (10)   | 5 (6)     | 4         |
| L1 <sup>2</sup>     | 75W     | 12"    | 2 - 4          | 2 - 4    | 3 - 4     | 2 - 4     |
| DALI <sup>3</sup>   | 75W     | 12"    | 5              | 5        | 5         | 4         |
| TQ <sup>3</sup>     | 50W     | 12"    | 5              | 5        | 4         | 3         |

1 - Fixture quantity noted in parentheses ( ) are achievable if, and only if, both driver outputs are used and the fixtures are split evenly on the outputs.  
2 - L1 Lutron driver output ranges from 5W up to 75W. Fixture quantity range shown is the result of allowable wattage and current limitations for specific LED / Power.  
3 - TQ and DALI assume both channels on a TW Tunable White LED board are utilized.

E1 = EldoLED 0.1% dimming, 0-10V (120-277V) spec sheet [30W](#) | [75W](#)

30W Wiring Diagram:

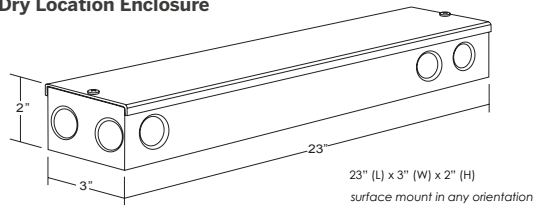


| Wire gauge        | Maximum wiring distance |
|-------------------|-------------------------|
| 20 AWG (0.52 mm²) | 46 ft (14 m)            |
| 19 AWG (0.65 mm²) | 59 ft (18 m)            |
| 18 AWG (0.82 mm²) | 72 ft (22 m)            |
| 17 AWG (1.04 mm²) | 92 ft (28 m)            |
| 16 AWG (1.31 mm²) | 118 ft (36 m)           |

75W Wiring Diagram:



Dry Location Enclosure



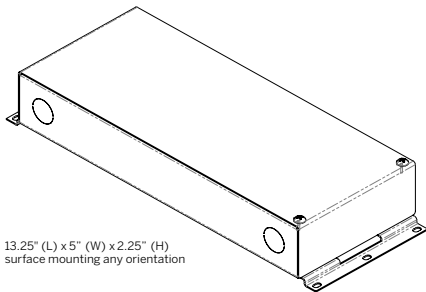
E1 = EldoLED 0.1% dimming, 0-10V (120-277V) spec sheet [50W](#)

50W Wiring Diagram:



| Wire gauge        | Maximum wiring distance |
|-------------------|-------------------------|
| 20 AWG (0.52 mm²) | 46 ft (14 m)            |
| 19 AWG (0.65 mm²) | 59 ft (18 m)            |
| 18 AWG (0.82 mm²) | 72 ft (22 m)            |
| 17 AWG (1.04 mm²) | 92 ft (28 m)            |
| 16 AWG (1.31 mm²) | 118 ft (36 m)           |

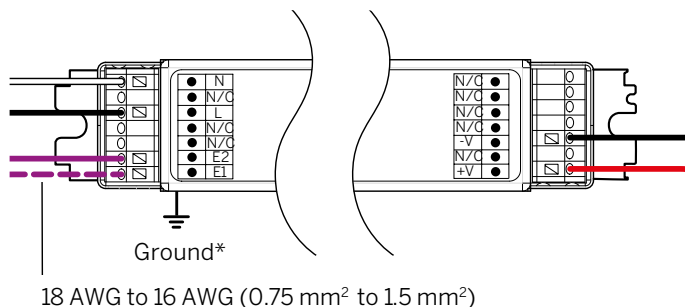
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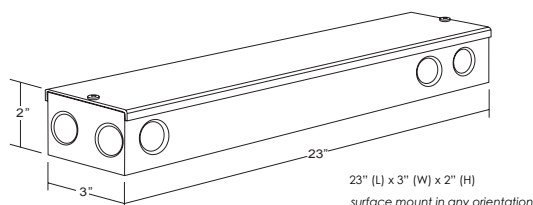
L1 = Lutron 1% dimming, Ecosystem (120-277V) [spec sheet](#)



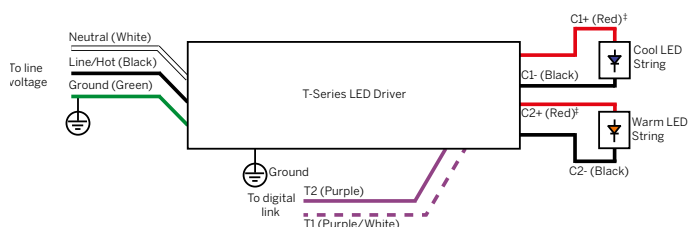
| WIRE GAUGE                     | Maximum wiring distance |                  |                  |
|--------------------------------|-------------------------|------------------|------------------|
|                                | 150 mA to 700 mA        | 710 mA to 1.50 A | 1.51 A to 2.10 A |
| 18 AWG (0.75 MM <sup>2</sup> ) | 30 ft (9 m)             | 15 ft (4.5 m)    | 10 ft (3 m)      |
| 16 AWG (1.5 MM <sup>2</sup> )  | 59 ft (18 m)            | 25 ft (7.5 m)    | 15 ft (4.5 m)    |
| 14 AWG (2.5 MM <sup>2</sup> )* | 50 ft (15 m)            | 40 ft (12 m)     | 25 ft (7.5 m)    |
| 12 AWG (4.0 MM <sup>2</sup> )* | 100 ft (30 m)           | 60 ft (18 m)     | 40 ft (12 m)     |

\* Terminal blocks on the drivers accept only solid 20 AWG to 16 AWG (0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup>) wire. To use wire gauges larger than the terminal blocks' rated gauge of 16 AWG (1.5 mm<sup>2</sup>), connect up to 3 ft (1.0 m) of 20 AWG to 16 AWG (0.5 mm<sup>2</sup> to 1.5 mm<sup>2</sup>) wire to the LED driver terminal blocks, then connect 12 AWG or 14 AWG (4.0 or 2.5 mm<sup>2</sup>) up to the length allowed in the above table.

### Dry Location Enclosure



TQ = T-Series for Lutron Quantum 0.1% (120-277V)  
(Tunable White Only) [spec sheet](#)

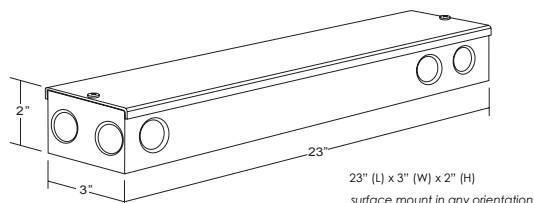


† C1+ and C2+ are electrically connected inside the driver. This supports the use of common anode loads.

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### Dry Location Enclosure

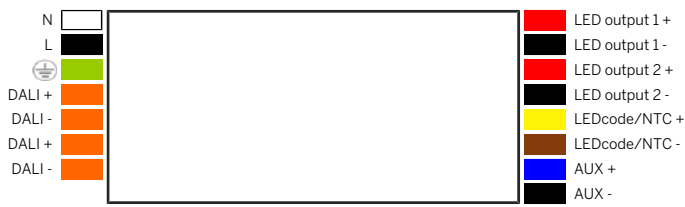


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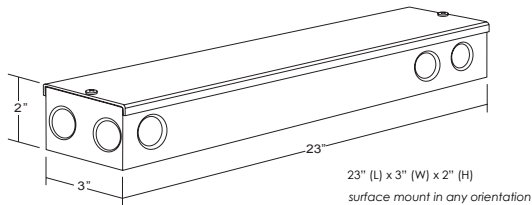
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DALI = EldoLED Dali DT8 0.1% (120-277V) [spec sheet](#)



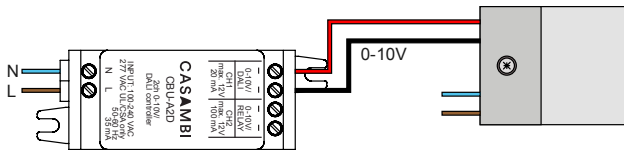
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Dry Location Enclosure



BT = Wireless CAS – Casambi (Must be specified with E1 or DALI) [spec sheet](#)

BT + E1



BT + DALI = TW

