

ProTools 60 Linear 6"/12" - Remote Drivers

driver information

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 ¹	30W	6"	10 (18)	5 (8)	5	3
E1	50W	6"	10	10	8	6
E1 ¹	75W	6"	10 (20)	10 (20)	10 (14)	8
L1 ²	75W	6"	4 - 9	4 - 9	5 - 9	4 - 9
DALI ³	75W	6"	10	10	10	8
TQ ³	50W	6"	10	10	8	6
E1 ¹	30W	12"	5 (8)	4	2	1
E1	50W	12"	5	5	4	3
L1 ²	75W	12"	5 (10)	5 (10)	5 (6)	4
L1 ²	75W	12"	2 - 4	2 - 4	3 - 4	2 - 4
DALI ³	75W	12"	5	5	5	4
TQ ³	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:

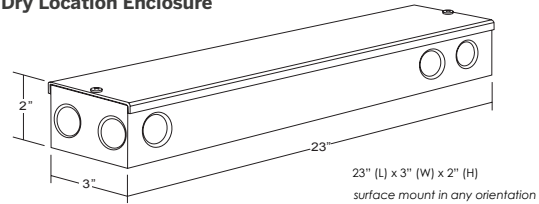


Wire gauge	Maximum wiring distance
20 AWG (0.52 mm ²)	46 ft (14 m)
19 AWG (0.65 mm ²)	59 ft (18 m)
18 AWG (0.82 mm ²)	72 ft (22 m)
17 AWG (1.04 mm ²)	92 ft (28 m)
16 AWG (1.31 mm ²)	118 ft (36 m)

75W Wiring Diagram:

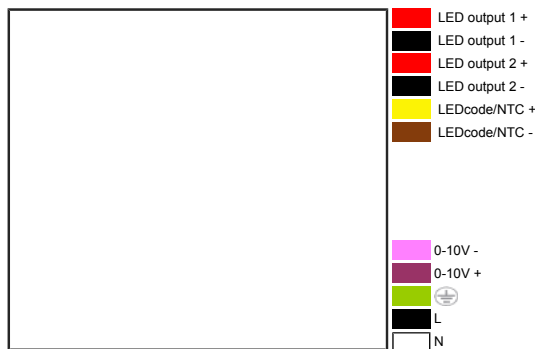


Dry Location Enclosure



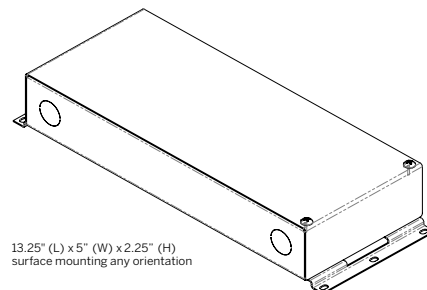
E1 = EldoLED 0.1% dimming, 0-10V (120-277V) spec sheet [50W](#)

50W Wiring Diagram:



Wire gauge	Maximum wiring distance
20 AWG (0.52 mm ²)	46 ft (14 m)
19 AWG (0.65 mm ²)	59 ft (18 m)
18 AWG (0.82 mm ²)	72 ft (22 m)
17 AWG (1.04 mm ²)	92 ft (28 m)
16 AWG (1.31 mm ²)	118 ft (36 m)

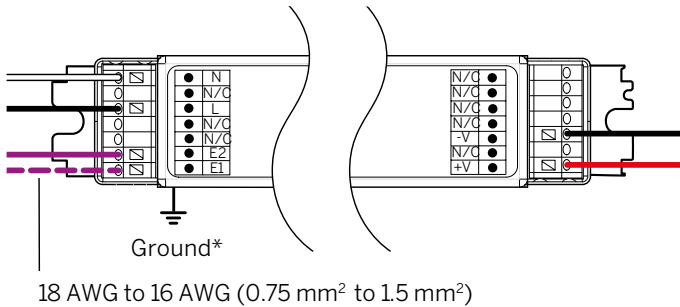
Dry Location Enclosure



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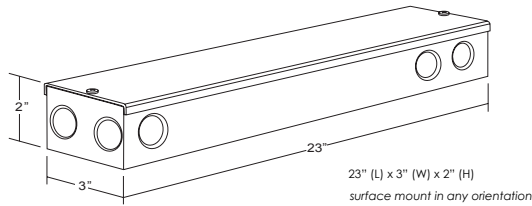
L1 = Lutron 1% dimming, Ecosystem (120-277V) [spec sheet](#)



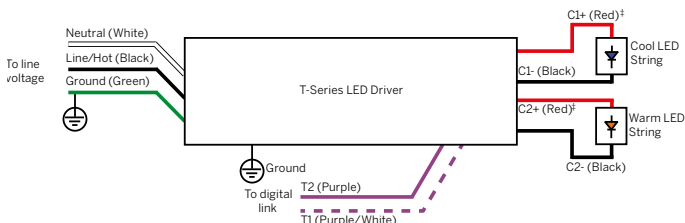
WIRE GAUGE	Maximum wiring distance		
	150 mA to 700 mA	710 mA to 1.50 A	1.51 A to 2.10 A
18 AWG (0.75 MM ²)	30 ft (9 m)	15 ft (4.5 m)	10 ft (3 m)
16 AWG (1.5 MM ²)	59 ft (18 m)	25 ft (7.5 m)	15 ft (4.5 m)
14 AWG (2.5 MM ²)*	50 ft (15 m)	40 ft (12 m)	25 ft (7.5 m)
12 AWG (4.0 MM ²)*	100 ft (30 m)	60 ft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

* Terminal blocks on the drivers accept only solid 20 AWG to 16 AWG (0.5 mm² to 1.5 mm²) wire. To use wire gauges larger than the terminal blocks' rated gauge of 16 AWG (1.5 mm²), connect up to 3 ft (1.0 m) of 20 AWG to 16 AWG (0.5 mm² to 1.5 mm²) wire to the LED driver terminal blocks, then connect 12 AWG or 14 AWG (4.0 or 2.5 mm²) 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](#)

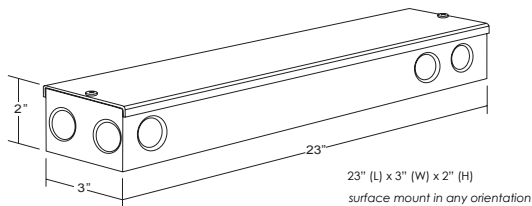


[†] C1+ and C2+ are electrically connected inside the driver. This supports the use of common anode loads.

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 ²)	30 ft (9 m)	15 ft (4.5 m)	10 ft (3 m)
16 AWG (1.5 MM ²)	59 ft (18 m)	25 ft (7.5 m)	15 ft (4.5 m)
14 AWG (2.5 MM ²)*	50 ft (15 m)	40 ft (12 m)	25 ft (7.5 m)
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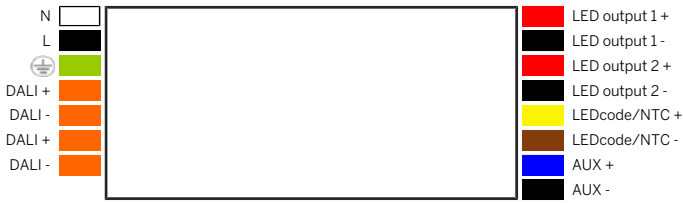
Dry Location Enclosure



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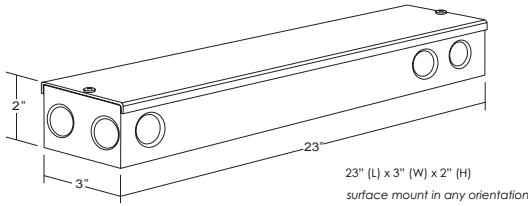
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DALI = EldoLED Dali DT8 0.1% (120-277V) [spec sheet](#)



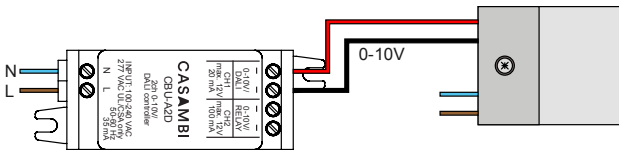
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Dry Location Enclosure



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

BT + E1



BT + DALI = TW

DALI Driver

