

96W DIMMABLE DALI-2 DT8 D4I 2 CHANNEL DRIVER

This UL Listed constant voltage Class 2 intelligent LED driver provides high efficiency and great heat dissipation with dimmable 24V output. The driver features an enclosure with isolated wire connections and a NEMA 4x rating. With 120-277V AC input voltage, it is suitable for Variable White (tunable) fixtures in commercial, industrial and residential applications.

- DALI-2 Type 8
- Constant voltage dimmable driver
- For use with Variable White (tunable) fixtures
- High efficiency and high power factor
- Short circuit, overtemperature and overload protection
- IP67, NEMA 4x and UL wet location
- 6-year warranty



SPECIFICATIONS

| | | | |
|---------------------------|---|-------------------------------|-----------------------------------|
| Driver Type | Constant Voltage | Dimming Output Type | PWM |
| Rated Input Voltage Range | 120-277V AC | Dimming Input Type | DALI-2 DT8 D4I |
| Input Frequency | 47-63Hz | Ambient Operating Temperature | -40 to 158°F (-40 to 70°C) |
| Input Current (Max.) | 1.2A | Storage Temperature | -40 to 176°F (-40 to 80°C) |
| THD | ≤10%@120V AC; ≤10%@230V AC; ≤15%@277V AC | Max Relative Humidity | 20-95% RH |
| Power Factor | PF≥0.99@120V AC; PF≥0.98@230V AC; PF≥0.98@230V AC | Overvoltage Protection | Yes |
| Output Power | 96W | Short Circuit Protection | Yes |
| Output Voltage | 24V (24-26V) | Over Temperature Protection | Yes |
| Output Current | 3.9A | UL Standards | UL 8750 + UL 1310 |
| Efficiency @ Full Load | 87%@120V AC; 89%@230/277V AC | Environmental Rating | UL wet location and NEMA 4x rated |
| | | EMI Compliance | FCC Part 15 CLASS B |
| | | Warranty | 6 years |

ORDERING GUIDE

| Category | Voltage | Wattage | Dimming Option | Number of Channels |
|--------------------------|--------------------|----------|--------------------------------|--------------------|
| DRVW | 24 | 96 | DALI | 2CH |
| DRVW - Waterproof Driver | 24 - 24V DC Output | 96 - 96W | DALI - DALI-2 DT8 D4I Dimmable | 2CH - 2 Channel |

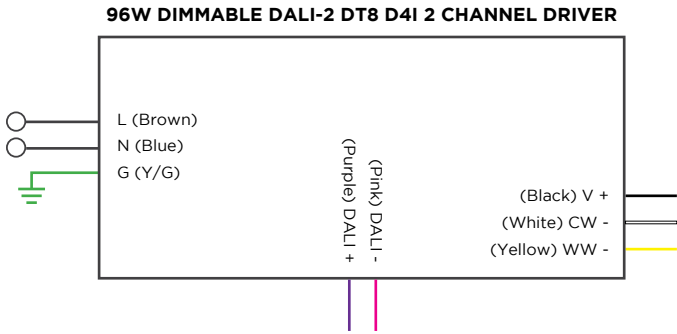
MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD

96 W

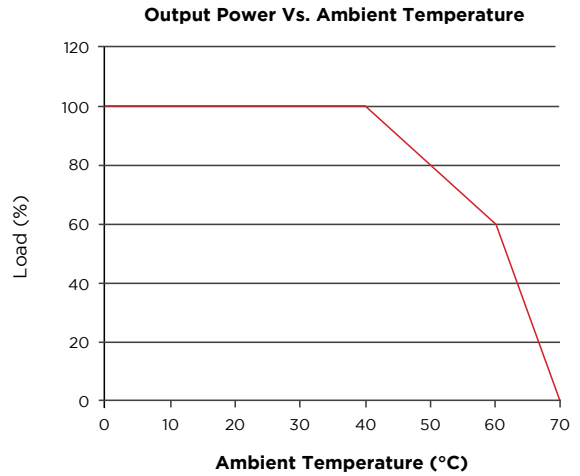
| Wire Gauge | Feet | Meters |
|-------------------------------|------|--------|
| 24 AWG / 0.25 mm ² | 5.5 | 1.68 |
| 22 AWG / 0.34 mm ² | 9 | 2.74 |
| 20 AWG / 0.5 mm ² | 14 | 4.27 |
| 18 AWG / 0.75 mm ² | 23 | 7.01 |
| 16 AWG / 15 mm ² | 37 | 11.28 |
| 14 AWG / 2.5 mm ² | 59 | 17.99 |
| 12 AWG / 4 mm ² | 94 | 28.66 |
| 10 AWG / 6 mm ² | 150 | 45.73 |
| 8 AWG / 10 mm ² | 239 | 72.87 |

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WIRING DIAGRAM

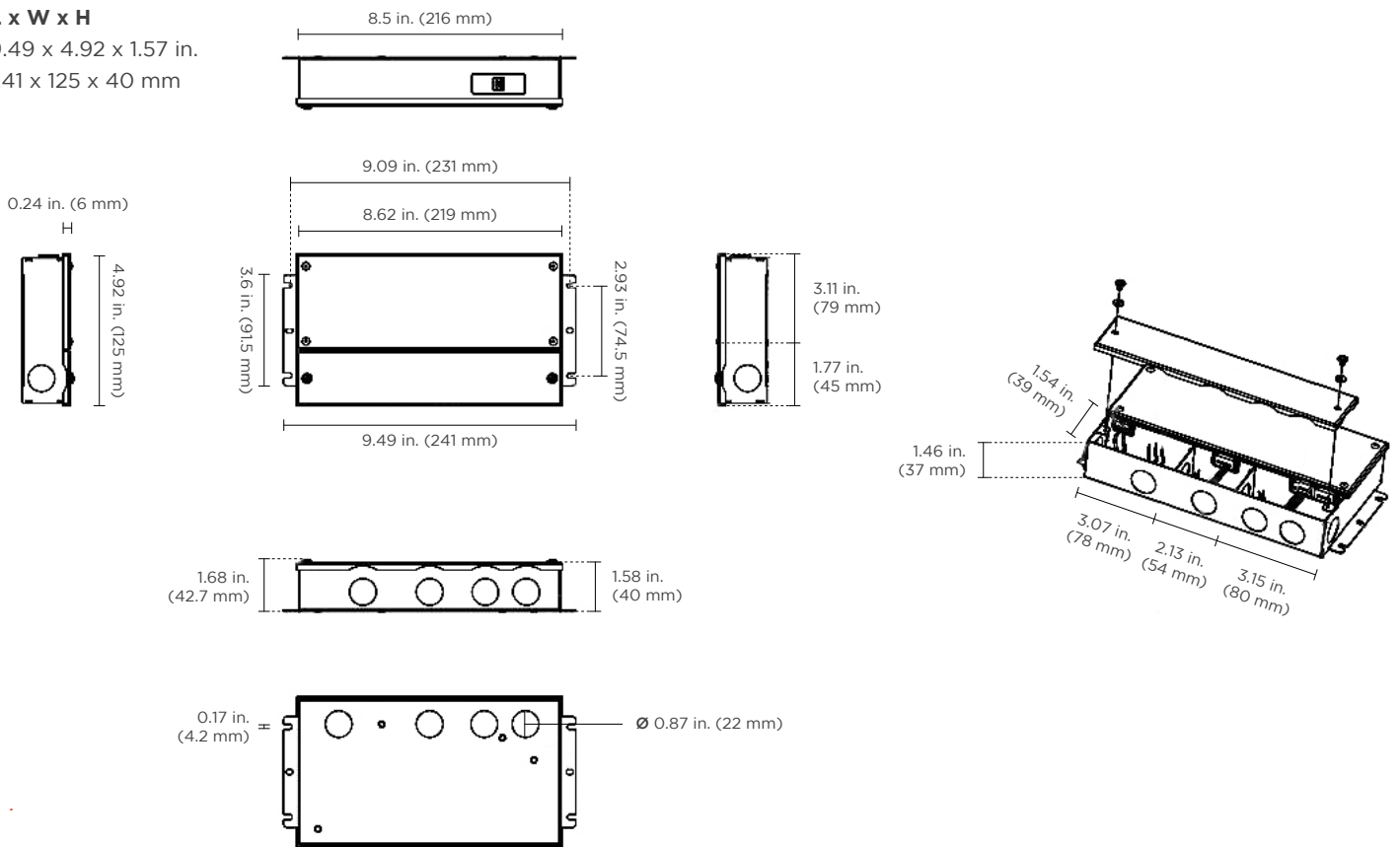


DERATING CURVE



DIMENSIONS

L x W x H
9.49 x 4.92 x 1.57 in.
241 x 125 x 40 mm



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