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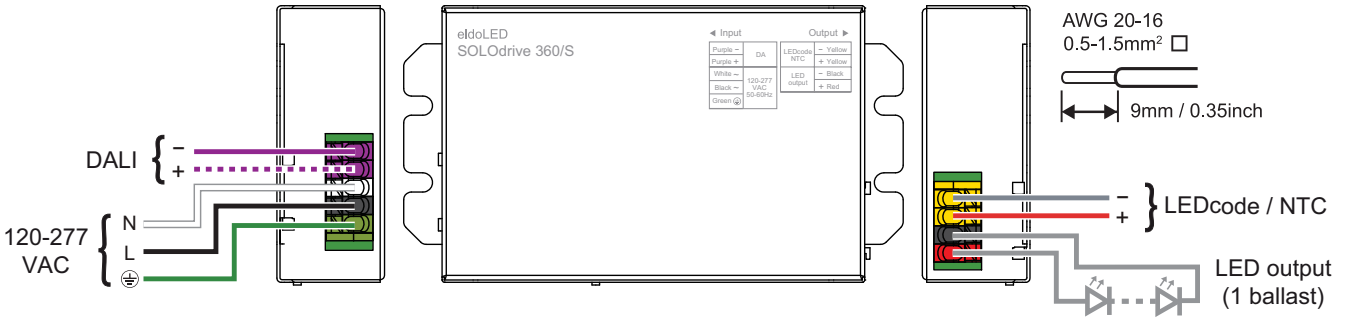
# Wiring diagram SOLOdrive 360/S (SL0360S1)




Pay attention when connecting the LED group: polarity reversal results in no light output and often damages the LEDs.

WARNING: Risk of electrical shock. May result in serious injury or death. Disconnect power before servicing or installing.

CAUTION: The device may only be connected and installed by a qualified electrician. All applicable regulations, legislation and building codes must be observed. Incorrect installation of the device can cause irreparable damage to the device and the connected LEDs.

### DALI
You can use these connectors to connect the driver to a DALI network.

### 120-277 VAC
The driver has been designed for use with universal mains voltage input of 120-277V AC, 50/60Hz, or with DC input of 120-250V (emergency lighting).

### LEDcode/NTC
LEDcode allows configuration of
- LED drive current per output: from 200mA-1,050mA in 1mA steps
- Dimming curve: lin / log
- Minimum dimming level
- NTC throttle temperature

Programming the driver via LEDcode requires a TOOLbox pro and FluxTool software.

Connecting a 47kΩ NTC thermistor enables closed loop thermal control. The NTC throttle temperature is programmable through LEDcode.

### LED output
Indicates the location of the LED output connectors.

### LED wiring distance
Maximum wiring distance at full load (from driver to LED load):

| **AWG value** | 20 | 19 | 18 | 17 | 16 |
|---|---|---|---|---|---|
| Distance (m) | 14 | 18 | 22 | 28 | 36 |
| Distance (ft) | 46 | 59 | 72 | 92 | 118 |

Please observe voltage drop over long wire lengths.

Longer wire lengths increase EMI susceptibility.

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