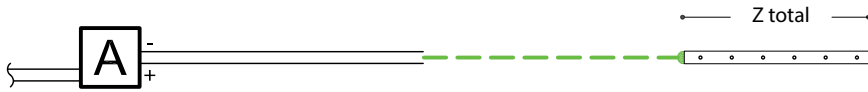


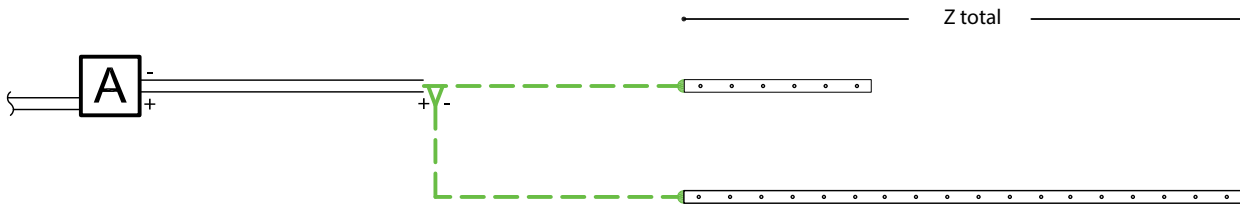


WIRING SCHEMATICS FOR EssentialLEDs® LINEAR & MINI LIGHTRUN

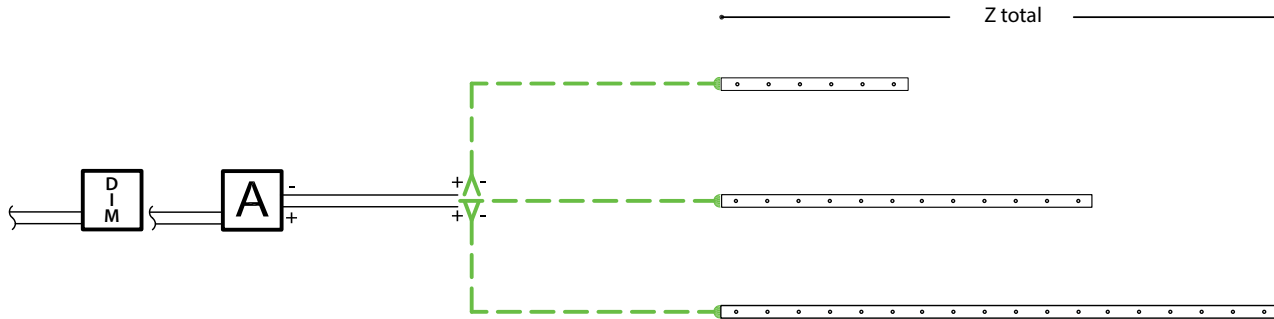
NON-DIM (SHOWN IN SINGLE BRANCH CONFIGURATION)



NON-DIM (SHOWN IN MULTIPLE BRANCH CONFIGURATION)



DIMMABLE with HMLD Magnetic Low-Voltage Driver (SHOWN IN MULTIPLE BRANCH CONFIGURATION)
(i.e. VLT Hybrid Magnetic Linear Dimming Drivers)



| | Driver A | Total Nominal Inches of Linear Fixture "Z" | | | | | | | | | | | | | | | |
|-----------------|-------------|---|------|------|-----------------|------|------|------|------|------|--------|------|------|-----------|------|----------|-------|
| | | EFlex | | | Standard Boards | | | | | | Hi CRI | | | Pitchless | | Dual Row | |
| | | Driver Load | 1320 | 2320 | 4320 | 1720 | 2730 | 4740 | 5760 | 6760 | 3720 | 3740 | 3760 | 5133 | 5163 | 3760D | 6760D |
| Class 2 Drivers | 40w | 240" | 180" | 92" | 240" | 149" | 116" | 88" | 66" | 240" | 123" | 83" | 130" | 65" | 41" | 33" | |
| | 48w | 288" | 216" | 110" | 288" | 178" | 140" | 105" | 80" | 288" | 148" | 99" | 157" | 78" | 49" | 40" | |
| | 72w | 432" | 324" | 165" | 432" | 268" | 210" | 158" | 119" | 432" | 222" | 149" | 235" | 117" | 74" | 59" | |
| | 96w | 576" | 432" | 220" | 576" | 357" | 280" | 211" | 159" | 576" | 296" | 199" | 314" | 157" | 99" | 80" | |

1. Figure for inches of linear fixture per driver was calculated using a 90% load capacity for each wattage driver; drivers can be loaded higher - contact factory for advice. Some drivers require 50% minimum load for proper dimming. 2. Dimming performance will be impacted by type of driver, type of dimming, driver load and dimming control equipment; results will vary based on components used. 3. To determine correct wire gauge for your application, please refer to the voltage drop calculator on the VLT website (see Downloads tab in Drivers & Controls section). For constant voltage fixtures, **VLT recommends a drop of no greater than one volt from driver to fixture.**

SYMBOLS

- 24V Driver
- Magnetic Low-Voltage Dimmer

WIRING

- Line Voltage Input
- Starter / Interconnect / Splitter
- Fixture Lead Wire 24v - (2) 18AWG
- Essential LEDs® Linear Fixture or Mini Light Run

