

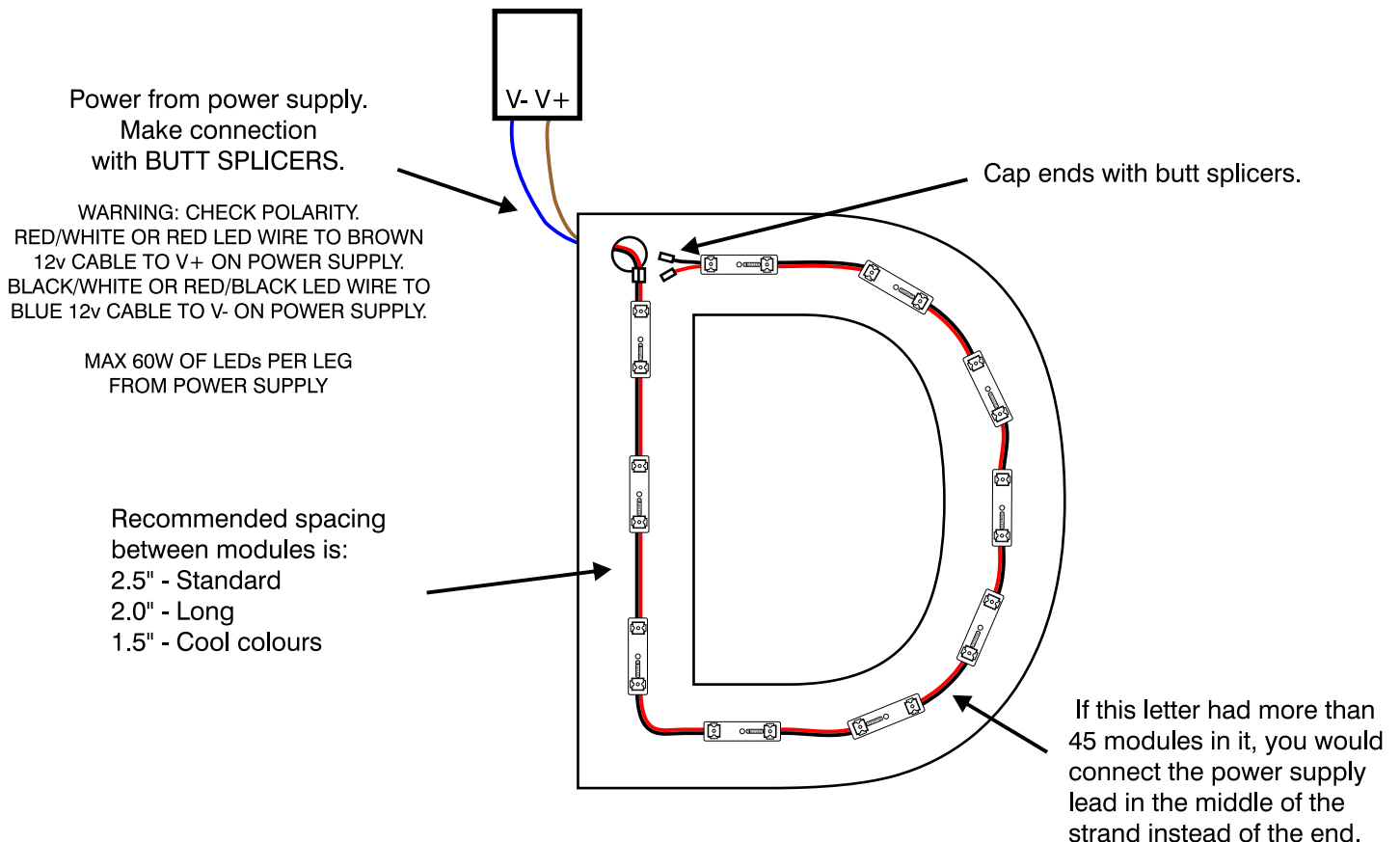
LED INSTALLATION GUIDE

Populating a channel letter with our LEDs is as easy as peeling the liner off the mounting tape and firmly pressing the light modules in the desired locations.

Note: Bonding surface should be clean and dry.

To determine where the light modules should be placed and how many to use, Ashby offer the following guidelines: (Results may vary based on lens selection and letter construction).

1. Modules are designed to be place in rows:
Long modules should have a 2" spacing between modules within the row. This will result in 2 modules per foot.
Short modules should have a 2.5" spacing between modules within the row. This will result in 3 modules per foot.
Cool Colours (Blue and Green) should have a spacing of 1.5" between modules with in the row. This will result in 3 modules per foot.
2. Modules are designed to cover a stroke width of 5" in a channel letter (letter depth 4" to 10"). Letters with a 5" stroke width or smaller should have one row of modules. Letters with a stroke width larger than 5" would have multiple rows placed 4" to 5" on centre as needed to cover the entire stroke width.
3. When all modules are in place, the secondary output from the power supply can be connected. Multiple letters in a sign can be connected to the power supply in parallel or series. However, for large letters with more than 45 modules or letters wired in series with more than 45 modules, connect the power supply lead to the middle of the series instead of the end. Use butt splicers or splice connectors to make this connection and to cap off the open ends of the row.

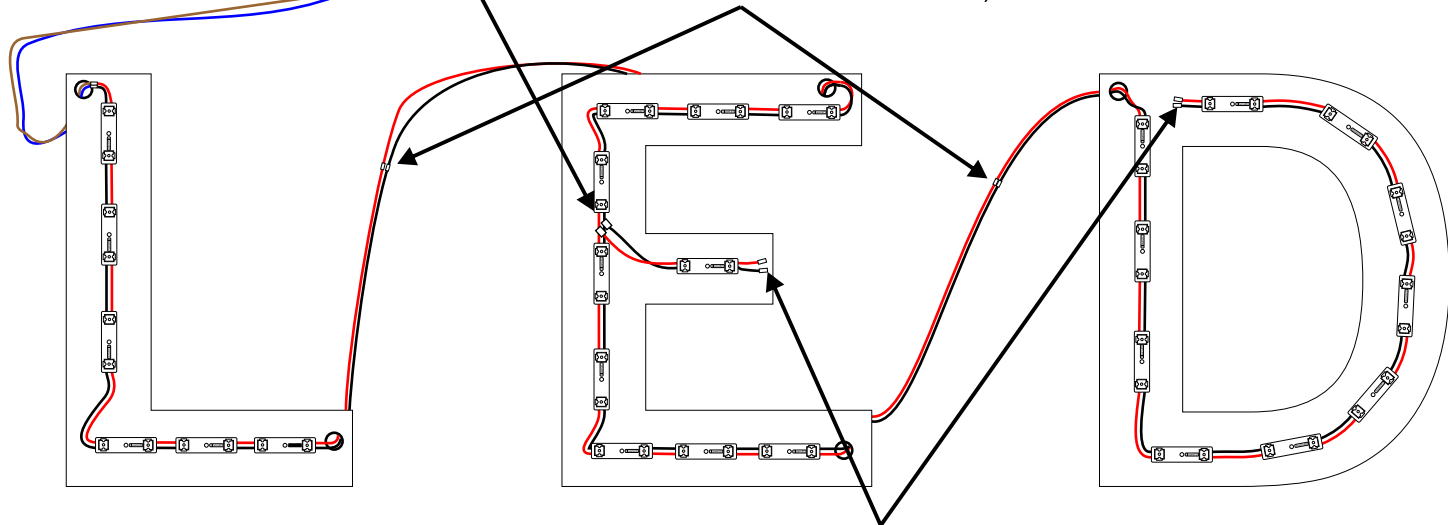


If a join is required, splice the extra LEDs to the continuous run using splice connectors. (One for each wire.)

TO POWER SUPPLY

Join cables with butt splicers.
(one for each wire: red to red, black to black or brown to red/red & white,
blue to red & black/black & white)

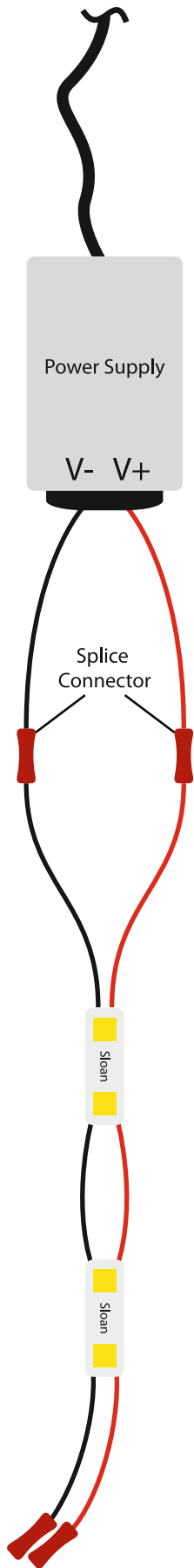
Cap ends with butt splicers.



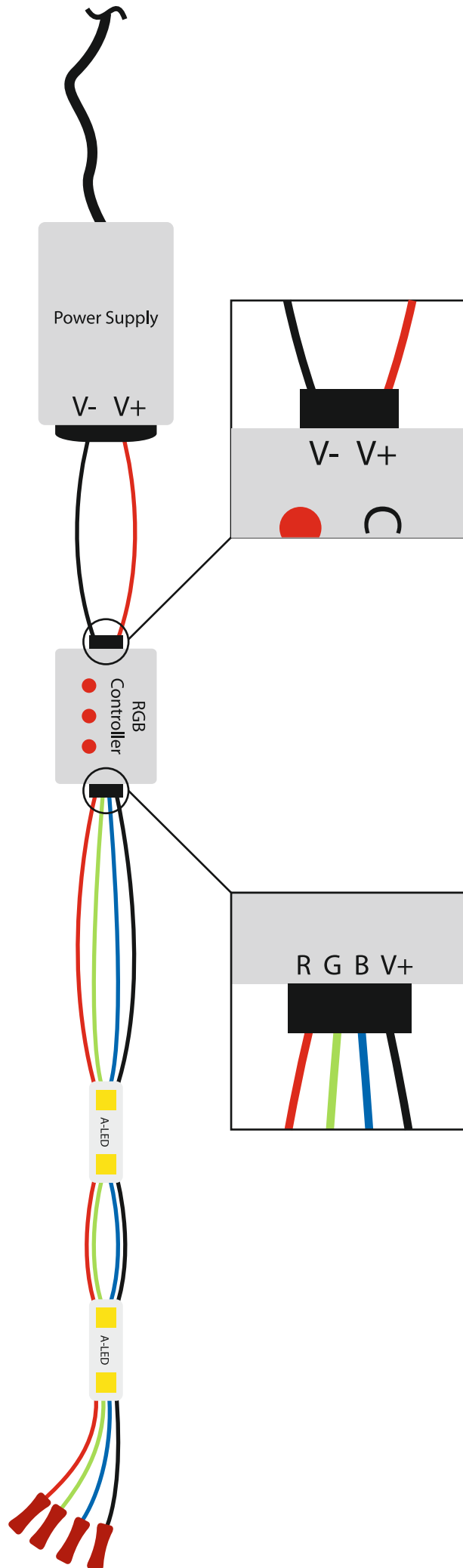
Power Supply Leads

The lead wire from the power supply to lighting modules should be kept as short as possible, but can run to a maximum 50 feet for the cable type supplied by Ashby Trade Sign Supplies.

Mains Power Supply



Mains Power Supply



Mains Power Supply

