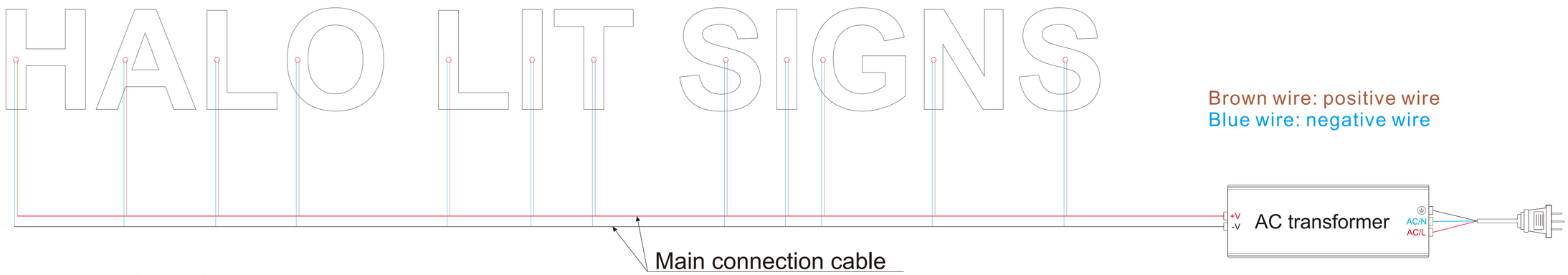
# Halo Lit Signs Wiring Diagram

**NOTE**: ONLY ELECTRICIAN CAN WIRE THIS PRODUCT, MUST CAREFULLY CHECK AND CONFIRM EACH TERMINAL; THIS DIAGRAM IS FOR ILLUSTRATION PURPOSES, ACTUAL WIRE LOCATION TO BE CONFIRMED TO THE REAL PRODUCT.




## READ BEFORE START

- **The cable for the halo lit signs CANNOT be connected directly to the AC power source. During wiring, the AC transformer needs to be grounded and turn off the AC power.**
- We recommend using a 2.5mm² (about 20AWG) cable as the main connection cable.
- Try to have the same distance from the main connecting cable to each individual halo lit signs part.
- The distance between the AC transformer and the halo lit signs needs to be controlled within 5 meters (about 16.4 feet), too far will cause excessive DC voltage loss.
- The cables for all the individual halo lit signs parts need to be connected in parallel and the main connection cable is used to finally connect the signs' cables to the output of the AC transformer. The positive wire is connected to the DC positive at the output of the AC transformer, marked as V+ mostly. The negative wire is connected to the DC negative at the output of the AC transformer, marked as V- mostly.
- Connect the input of the AC transformer to the AC power source.
- Check the working voltage of each individual halo lit signs part, the voltage should be within the range of 11.8V DC ~ 12.2V DC, if it exceeds this range, please use a thicker main connection cable.
- Please allow enough space for the AC transformer to dissipate heat. It would be better if the space had a ventilation system.

If there are any questions please contact us.