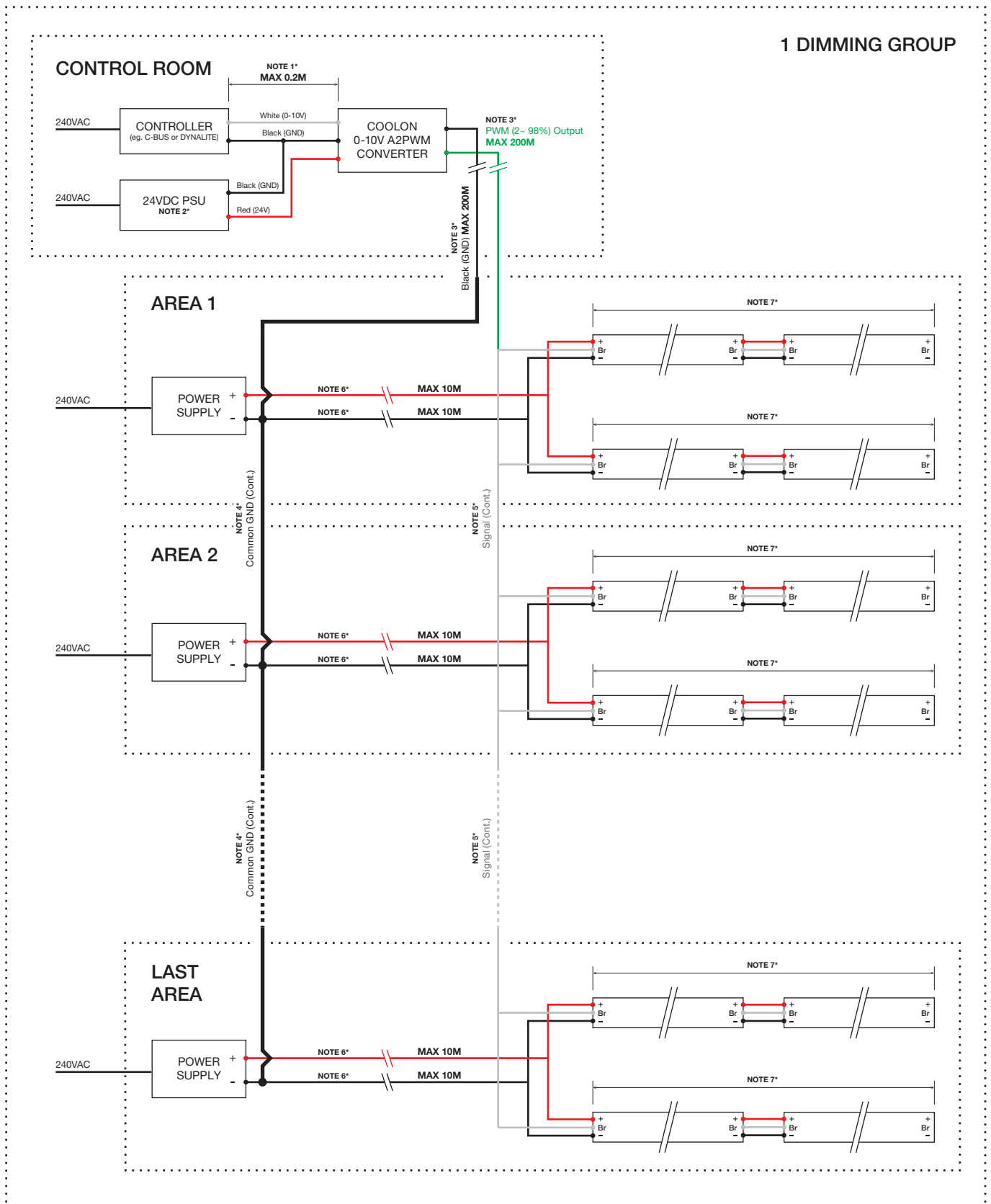


Typical A2PWM Wiring Diagram for Coolon Product: Aduro, Aduro X2, Primo, Primo X2
SCENARIO 1 - Maximum 100m of LED strip



NOTE 1 Do not exceed maximum length of 0.2m (20cm) from Controller.

NOTE 2 24VDC required to operate the converters

NOTE 3 Do not exceed maximum length of 200m from Coolon A2PWM Converters to first LED strips.

NOTE 4 **AWG8 ~ AWG12** wire only for Common GND. All Power Supply Units **MUST** have Common GND connected throughout same dimming group. **NO** connections of positive terminals. Maximum cable length of **100m** from AREA 1 to LAST AREA.

NOTE 5 **AWG16 ~ AWG22** wire only. Each Coolon A2D Converter can control up to **100m** of LED strips. In event of more than 100m LED strips in same dimming group, please refer to Scenario 2 for referencing. Maximum cable length of **100m** from AREA 1 to LAST AREA.

NOTE 6 **AWG12 ~ AWG16** wire only. Do not exceed maximum length of 10m from each PSU.

NOTE 7 Do not exceed maximum single run of each product. Check individual product specification sheets for run length.

