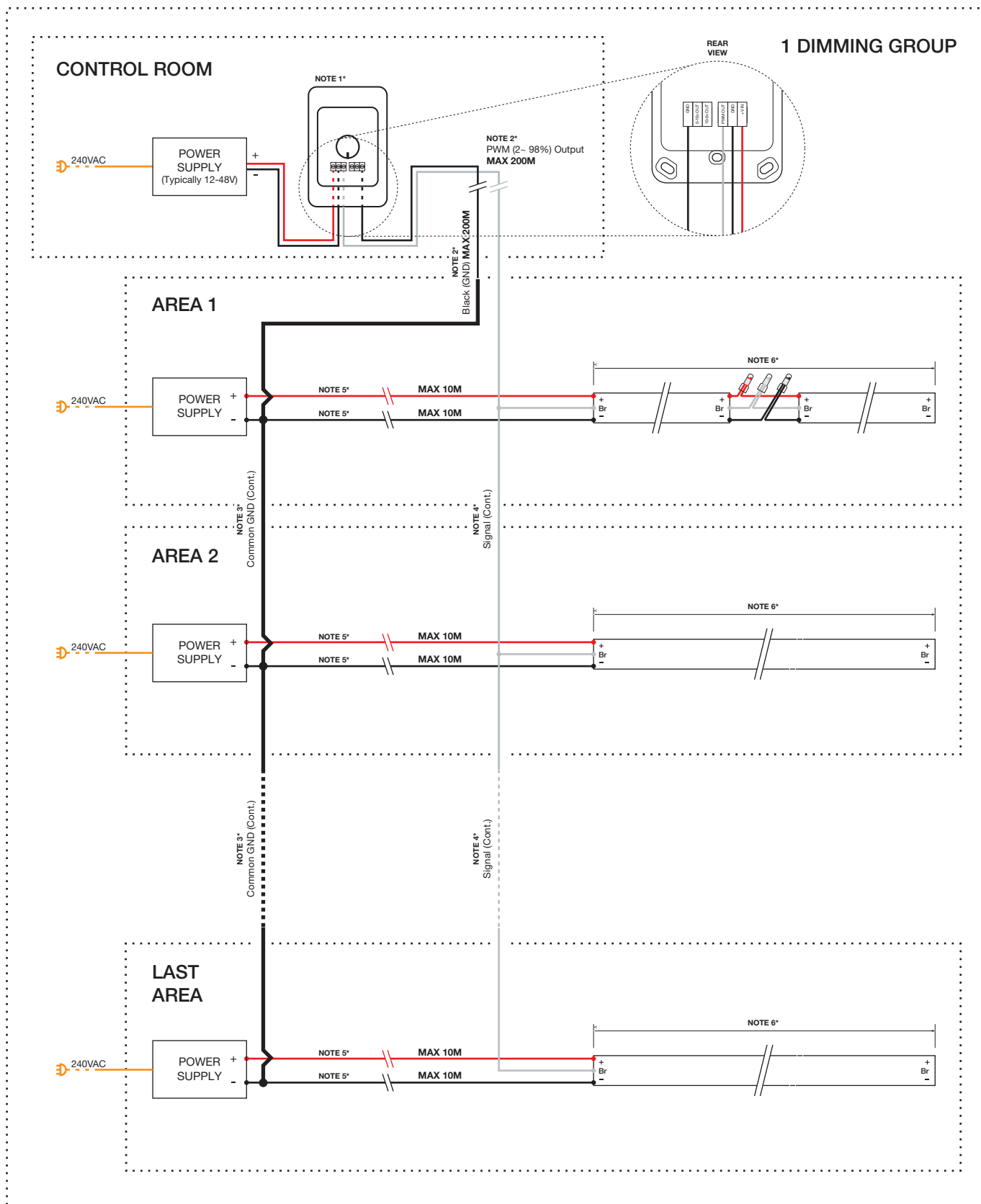


Typical Wiring Diagram for Coolon Universal Wall Dimmer  
**SCENARIO 1 - 1 Dimming Group**



- NOTE 1** Coolon Universal Wall Dimmer requires isolated 12VDC ~ 48VDC
- NOTE 2** Do not exceed maximum length of 200m from Coolon Universal Wall Dimmer to first LED strip.
- NOTE 3** **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 4** **AWG16 ~ AWG22** wire only. Each Coolon Universal Wall Dimmer can control up to **200 segments** of LED strips. Maximum cable length of **100m** from AREA 1 to LAST AREA.
- NOTE 5** **AWG12 ~ AWG16** wire only. Do not exceed maximum length of 10m from each PSU.
- NOTE 6** Do not exceed maximum single run of each product. Check individual product specification sheets for run length.