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## Smart & simple constant current LED light connection using 8 wire (4 pair) cable



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## Smart constant current wiring, 350mA.

The following wiring suggestions are suitable for low voltage 350mA constant current LED drivers only.

### 4 LED channels in one 8 wire cable.

Using an 8 wire (4 wire pairs) cable you can connect 4 Moodifier LED channels with one cable. Each LED channel can power up to 7.5W of LEDs. Using the Moodifier MMT series of LED downlights you can connect up to 2 LED downlights to each LED channel. The 4 channels and cable pairs will let you connect up to 8 MMT LED downlights with the cable.

#### How to connect

Simply pull out an 8 wire cable (4 pairs) from the Moodifier LED driver to where up to 8 LED lights are located. Pull the cable from one light to the next. Leaving a spare 50 cm of cable at each light location makes it easier to connect the lights later.

Connect the 4 wire pairs to 4 LED channels on the Moodifier LED driver, keep note of the wire colors that connects to the positive and negative poles ( + / - ).

At the first light, carefully peel off the outer cable sealing so that the inner isolated wires are exposed. Cut one of the positive wires and serially connect the first LED light.

At the second light carefully peel off the outer sealing so that the inner wires are exposed. Cut the positive and negative wires of the wire pair that the first light was connected to and close the serial wire connection of the first and second light.

Proceed to the third and fourth lights and repeat the procedure using a different wire pair than the first two lights were connected to.

Repeat the procedure for the fifth/sixth and seventh/eighth lights.

If you are only connecting one light to any of the channels you simply close the serial wire connection for that LED channel with the first light.

See cable and wire connection image below

