

Product Code	Description
HC4211M2	DC 1-10V Dimmer



HC4211M2-ST5



Product back view

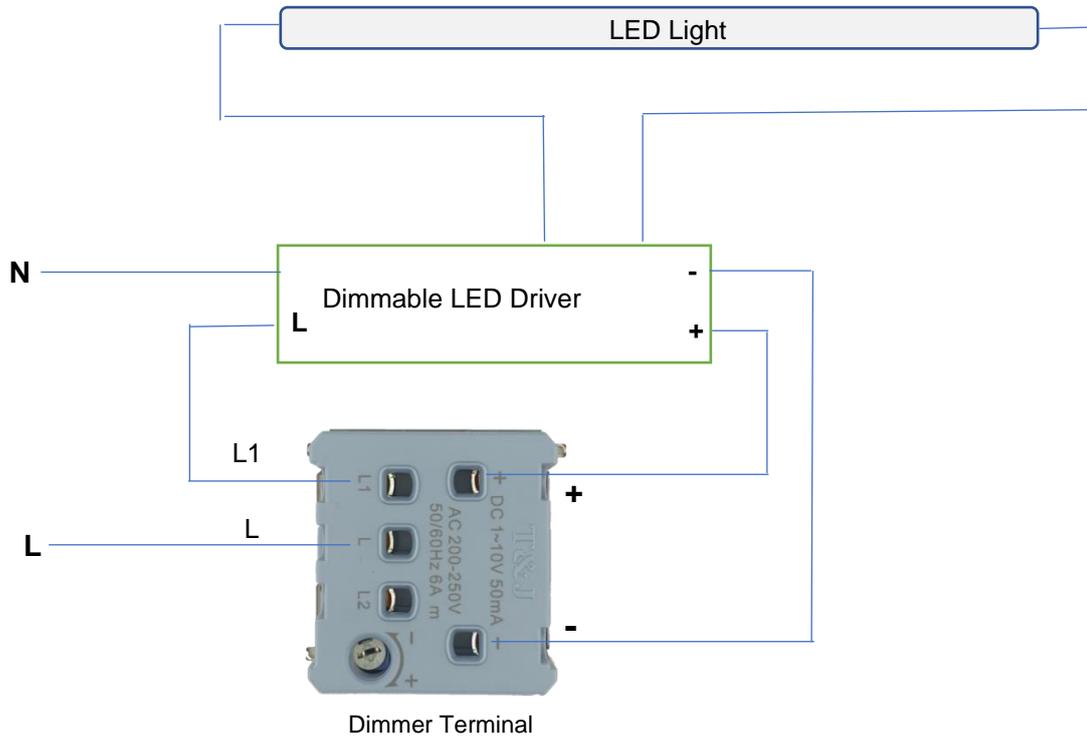
Technical Specification

- Push-On/Off Switch Rated Voltage: 200-250V, 50/60Hz
- Push-On/Off Switch Rated Current: 6A (Resistive load)
- Dimming method: 1-10VDC
50mA max. (Current Sink)
- Recommended wire size: 1.0mm² - 2.5mm²
- Dimensions: 86 x 86 x 10mm (WxHxD)
- Fix Center: 60.3 mm
- Fix Screw: M3.5 x 0.6 x 30mm±
- Mounting box: >47mm depth
 - R1150, flush mounting, plastic (80 x 80 x 48.4mm) (WxHxD)
 - M1247, flush mounting, metal (79 x 73 x 47mm) (WxHxD)
- Comply to standards: GB/T17466.1

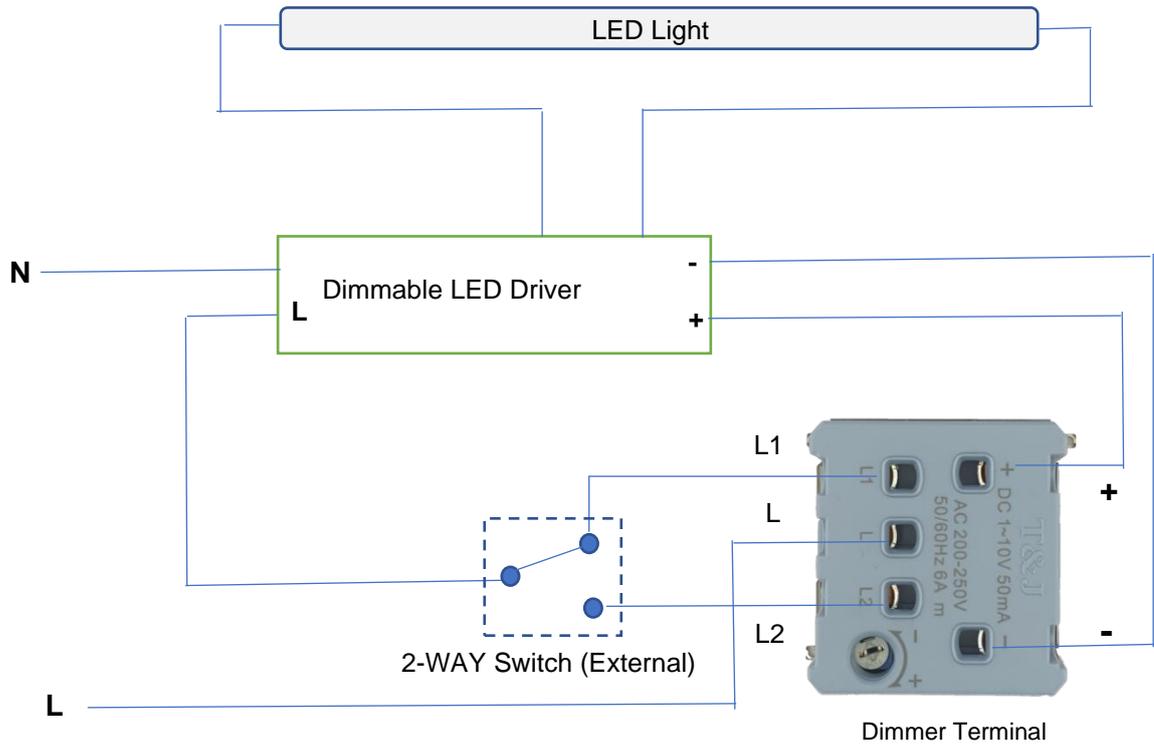
Note: HC4211M2 = HC1232 (2-gang Deco Adapter Plate) + W2847 (1-10V Deco Dimmer)

Typical Wiring:

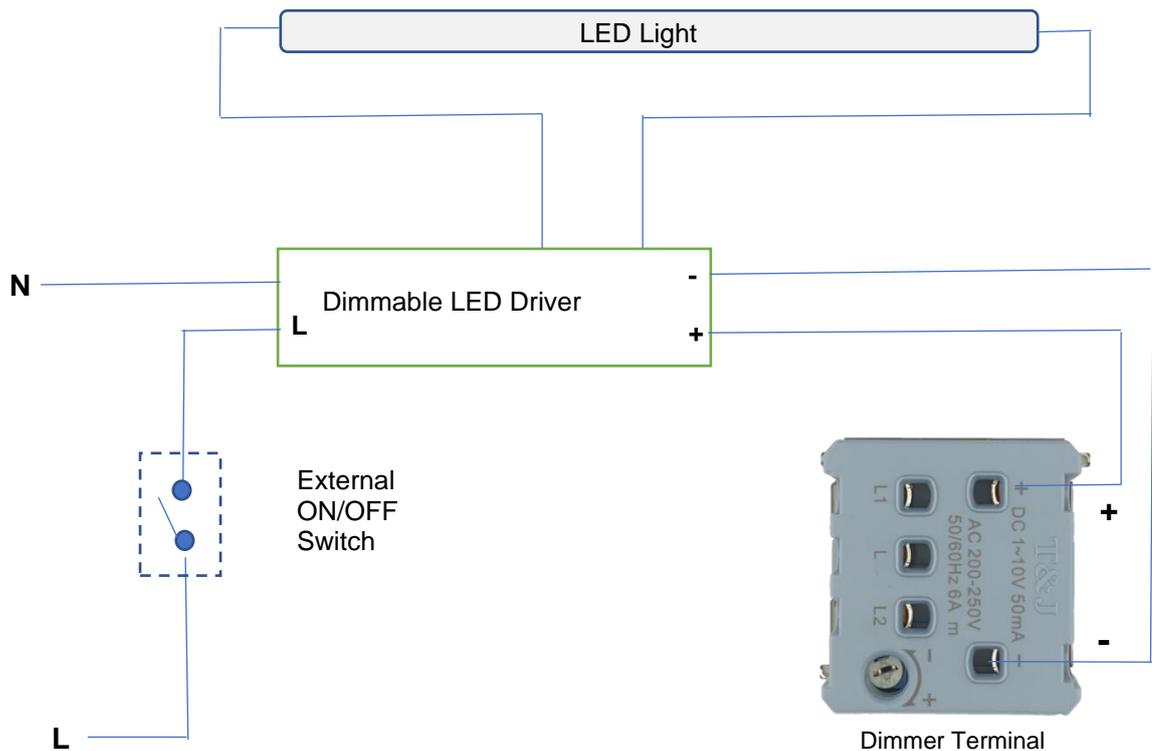
One-way ON/OFF connection



Two-way ON/OFF connection



External ON/OFF Switch Connection (if the load current of the LED Driver > 6A)



Note on Application:

- To achieve optimal minimum lighting level, carefully adjust trimmer at the back of dimmer module (adjustable minimum voltage range: ~0.7V - 2.7V).



- The low voltage dimming circuit (+ & - terminal) is protected with a resettable PTC fuse.
- The Push ON/OFF switch is rated at 6 Ampere resistive load, de-rating required for high surge electronic driver loads. For higher AC load current, an external switch should be installed.
- This dimming module can support two-way switching but not two-way dimming.
- The dimmer supports dimming ballast standard, that is, current sink control (see Figure below) and is not compatible with LED driver that requires current source control.

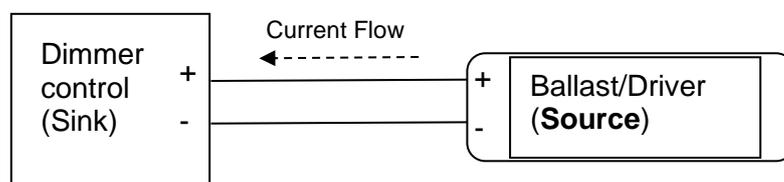


Figure: "Source" – control DC voltage supply provided on Driver side

Product Code	Colour
HC4211M2	 White
HC4211M2-SBL	 Matt Black (SBL)
HC4211M2-MSB	 Matt Silver Black (MSB)
HC4211M2-PS7	 Dark Champagne (PS7)
HC4211M2-ST5	 Champagne Grey (ST5)
<i>For other colours, please contact T&J Sales representative</i>	

