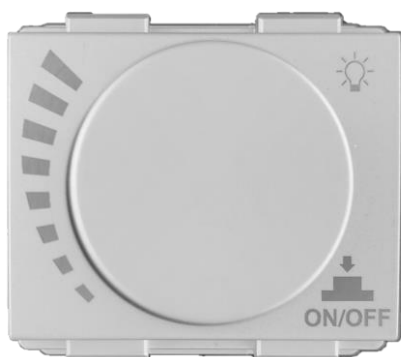


Product Code	Description
W2847	1-10V Dimmer (Module)



W2847-MSL



Product back view

Technical Specification

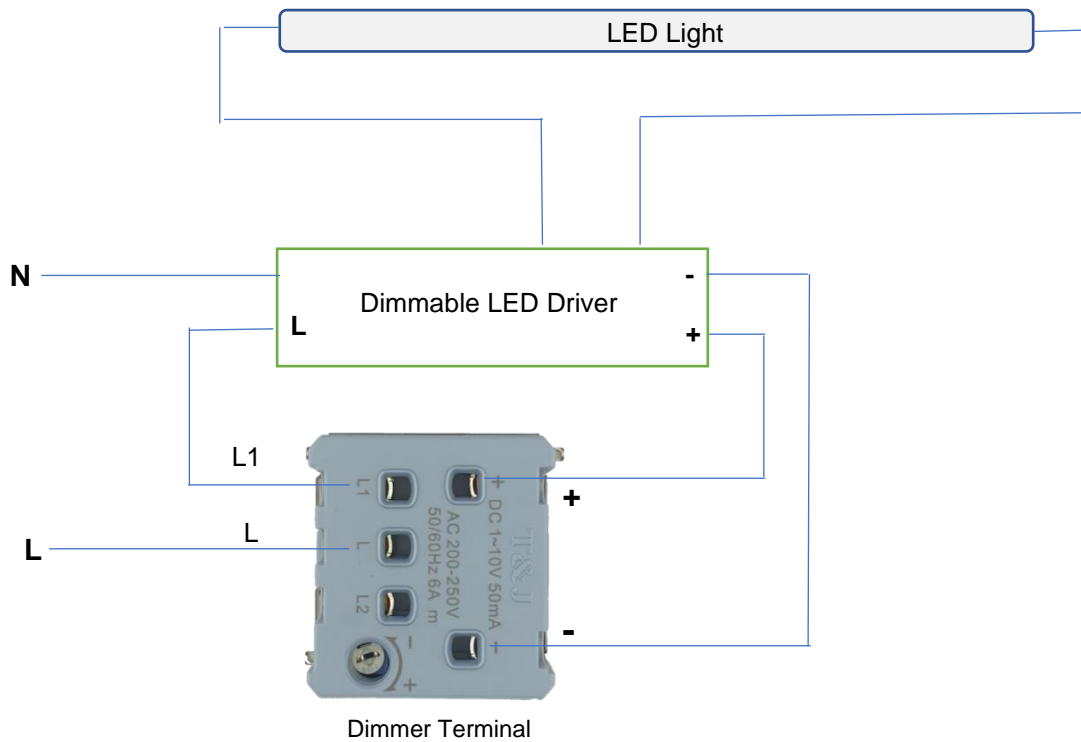
- Push-on/off switch Rated Voltage: 200-250V, 50/60Hz
- Push-on/off switch Rated Current: 6A (Resistive load)
- Dimming method: 1-10VDC
50mA max. (Current Sink)
- Recommended wire size: 1.0mm² - 2.5mm²
- Two Deco module size
- Dimensions: 42 x 45 x 40 mm (approx.) (HxWxD)

To mount with suitable Adapter Plate:

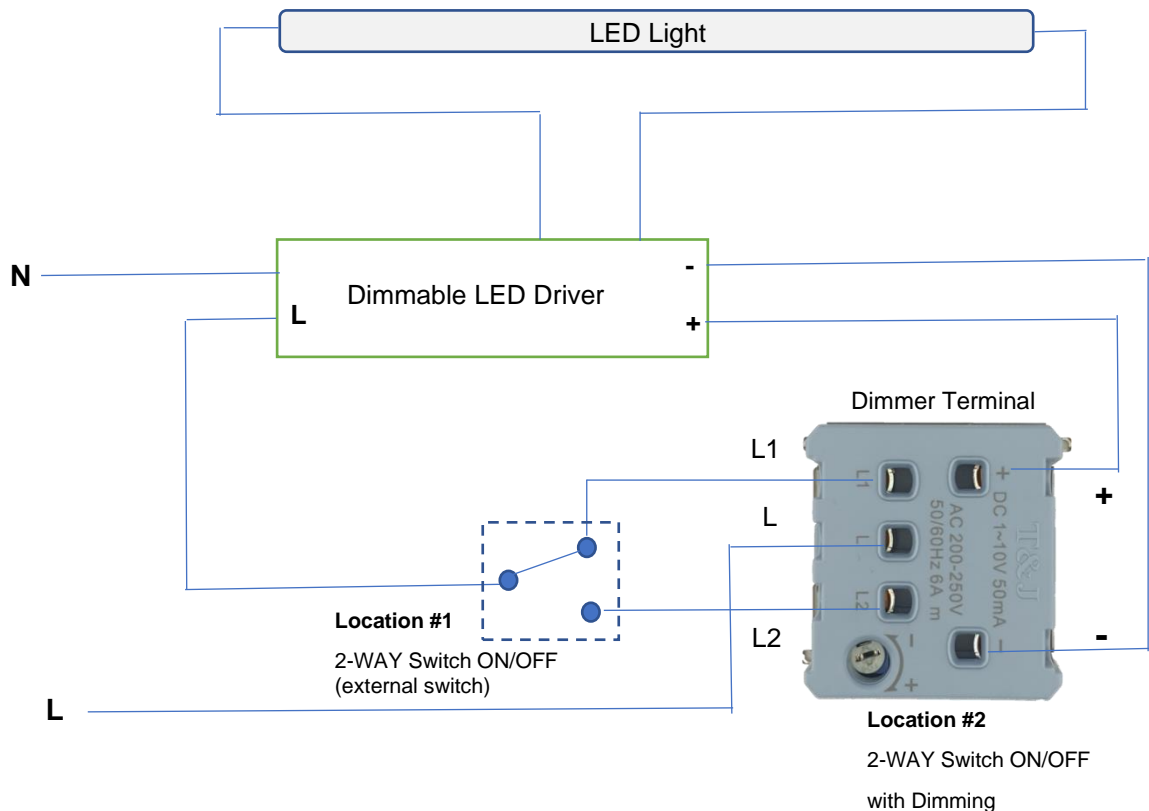
- Mounting box: >40 mm
 - R1150, flush mounting, plastic (80 x 80 x 48.4 mm) (WxHxD)
 - M1247, flush mounting, metal (79 x 73 x 47 mm) (WxHxD)
- Comply to Standards: GB/T17466.1

Typical Wiring:

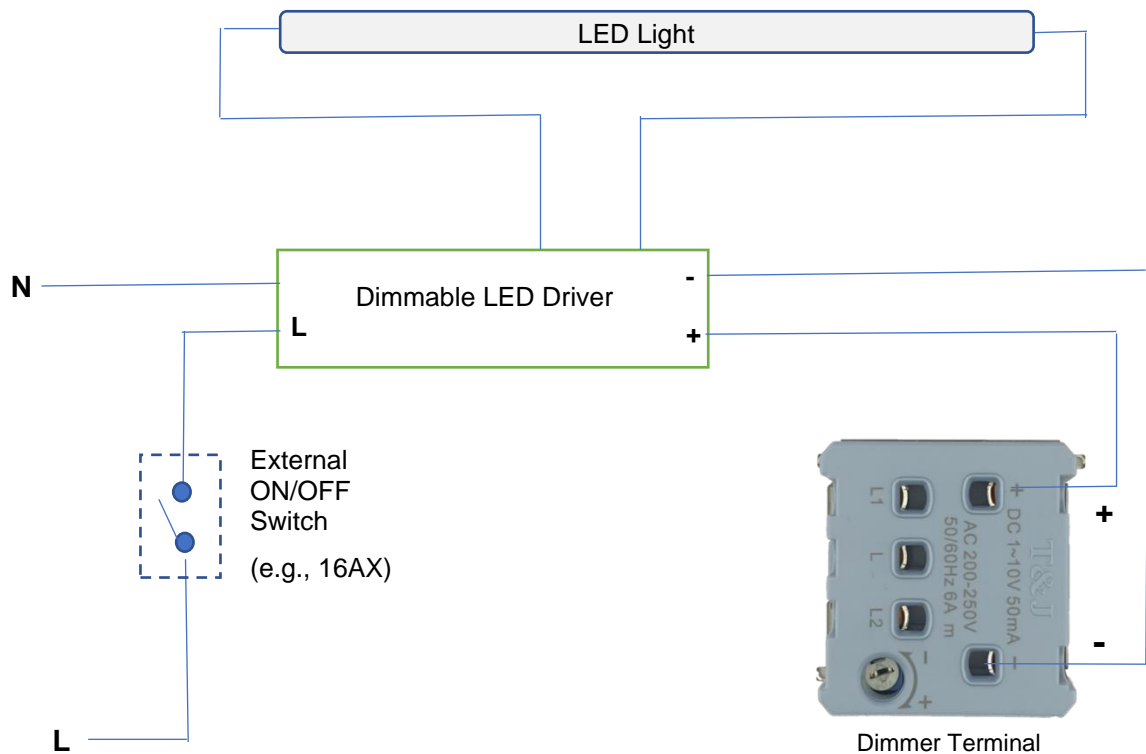
One-way ON/OFF connection



Two-way ON/OFF connection



External ON/OFF Switch Connection (if the estimated load current of the Driver $\geq 6A$)



Note on Application:

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



- 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.

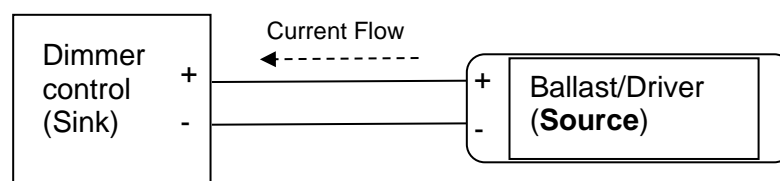




















Figure: "Source" – control DC voltage supply provided on Driver side

Product Code	Colour
W2847	 White
W2847-SBL	 Matt Black (SBL)
W2847-ST	 Charcoal Black (ST)
W2847-MSB	 Matt Silver Black (MSB)
W2847-MSL	 Matt Silver (MSL)
<i>For other colours, please contact T&J Sales representative</i>	

Adapter plate for Deco module					
Series	Product Code				
	1 gang adapter plate		2 gang adapter plate		3 gang adapter plate
deco	W1111 		W1112A 		W1113 
infnit	HC1231 		HC1232 		
HARMONY	EA1231 		EA1232 		
minimalist	EB1231 		EB1232 		
radiance	K1231-D 		K1201-D 		
Titanium	GC1231 		GC1221 		
Ultimate	G1231 		G1221 