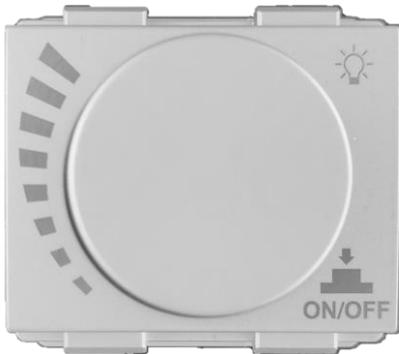


Product Code	Description
W2847	1-10V Dimmer (Module)



W2847-MSL



Product back view

## Technical Specification

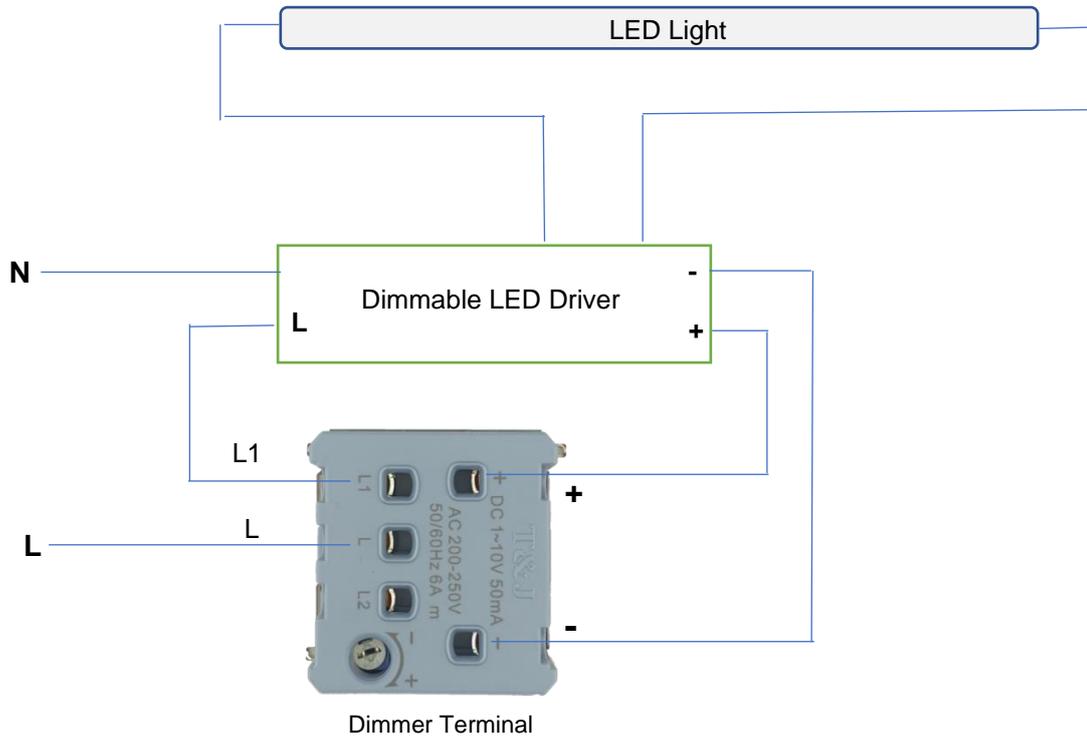
- Push-on/off switch Rated Voltage: 200-250V, 50/60Hz
- Push-on/off switch Rated Current: 6A (Resistive load)
- Dimming method: 1-10VDC  
50mA max. (Current Sink)
- Recommended wire size: 1.0mm<sup>2</sup> - 2.5mm<sup>2</sup>
- Two Deco module size
- Dimensions: 42 x 45 x 40 mm (approx.) (HxWxD)

To mount with suitable Adapter Plate:

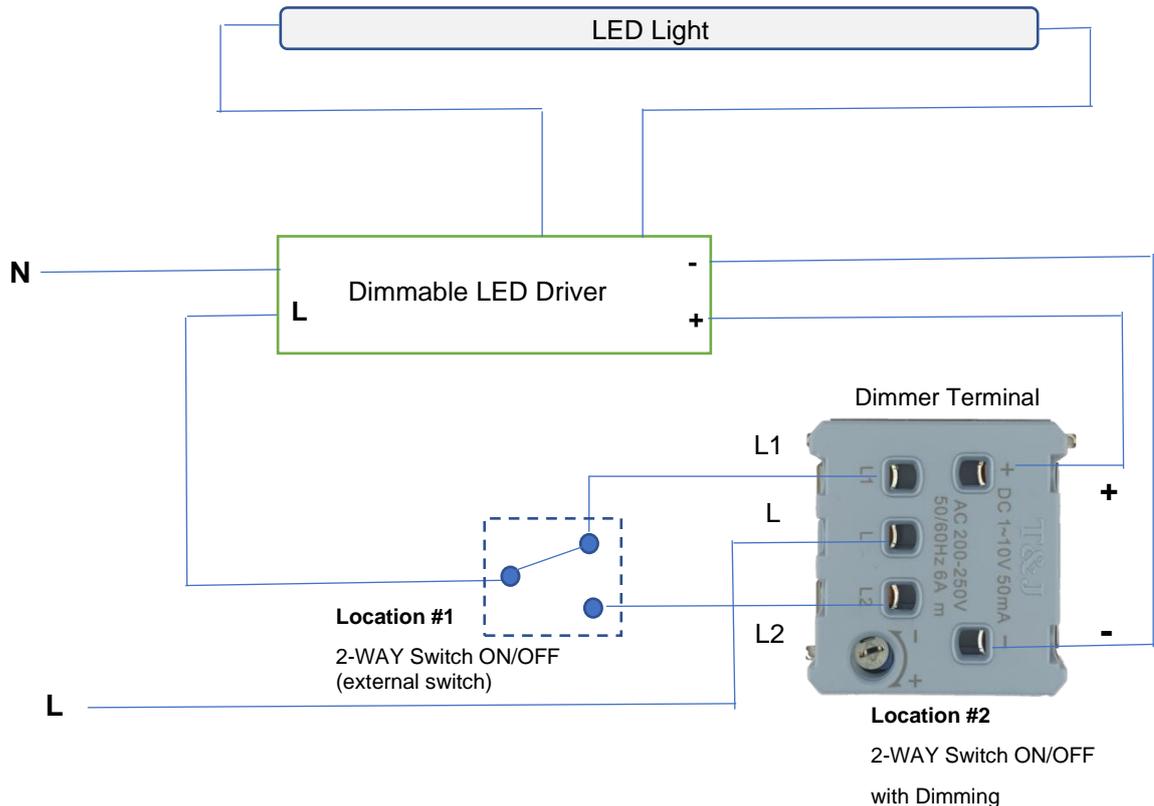
- Mounting box: >40 mm
  - R1150, flush mounting, plastic (80 x 80 x 48.4 mm) (WxHxD)
  - M1247, flush mounting, metal (79 x 73 x 47 mm) (WxHxD)
- Comply to Standards: GB/T17466.1

## Typical Wiring:

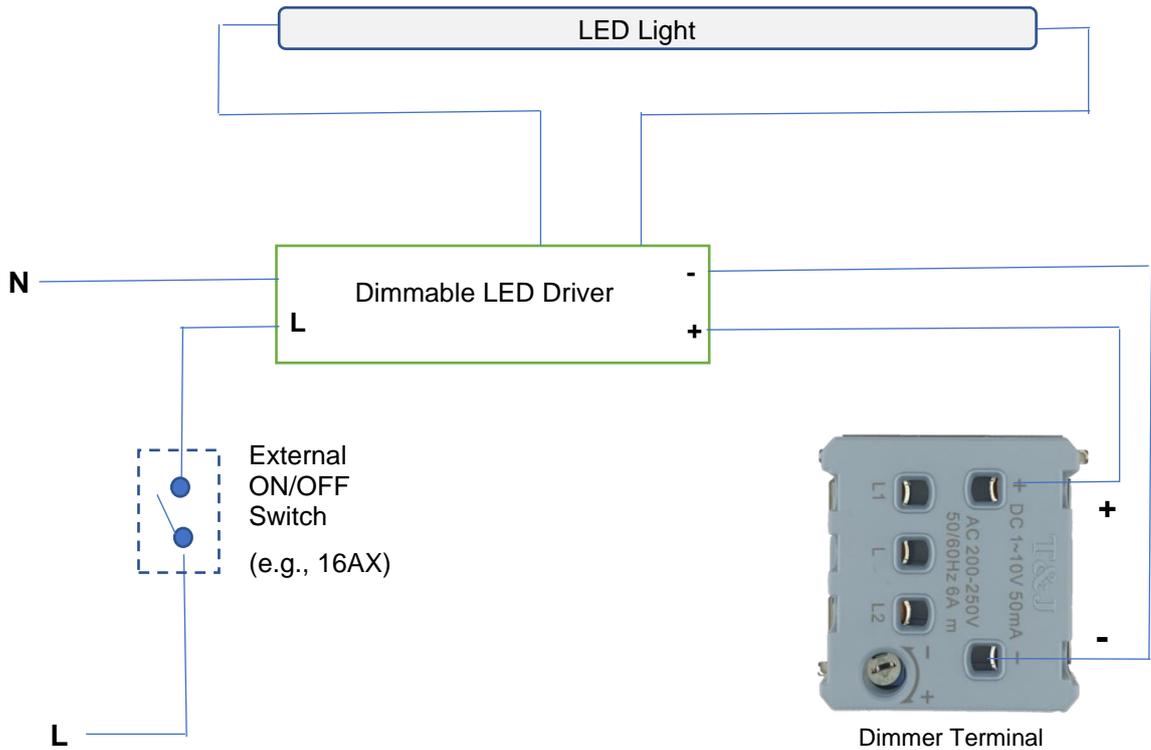
### One-way ON/OFF connection



### 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.

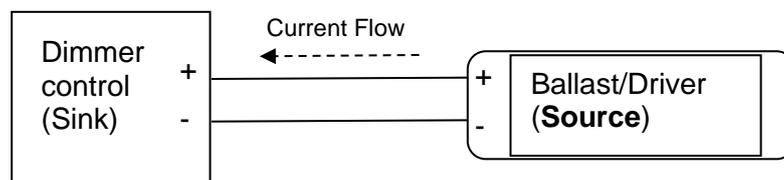


Figure: “**Source**” – control DC voltage supply provided on Driver side

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&amp;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 			