



Output Voltage: 24Vdc

Max Output Voltage: 24Vdc  $\pm$ 0.5Vdc

Output Current: Max 3.125A

Output Power Range: 0-75W

Dimming Range: 0-100% dimming depth: Max 0.1%

Dimming interface: 0-10V(1-10V/10PWM/RX) Push DIM

Input Voltage: 220-240Vac

Frequency: 50/60Hz

Working Temperature: ta: -20°C - 50°C tc: 80°C

## Dimension

L: 293mm W: 43mm H: 30mm

Over heat Protection - Intelligently adjusting or turning off the output current if the PCB temperature  $\geq$ 110°C, auto recovers.

Over Voltage Protection - Shut down the output when non-load voltage  $\geq$ 26V, re-power on to recover after fault condition is removed.

Over Load Protection - Shut down the output when current load  $\geq$ 102%, auto recovers.

Short Circuit Protection - Shut down automatically if short circuit occurs, auto recovers.

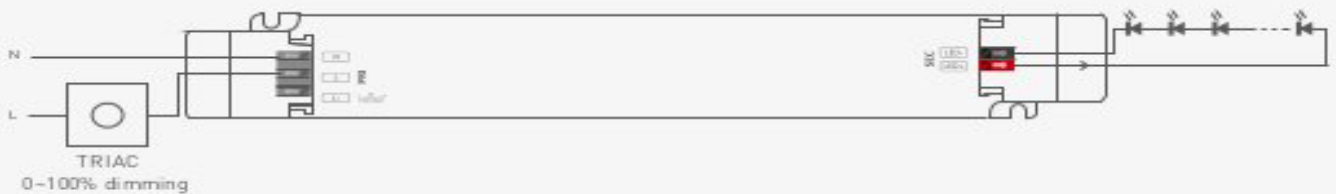
# BG-LM-75-24-G1A2



- Dimmable Interface: 0-10V(1-10V/10V PWM/RX), Push DIM
- Built-in SCM, dimming curve and smoothing time of power on can be customized
- Dimming range from 0-100%, LED start at 0.1% possible
- Automatic recognition of 0-10V, 1-10V input signal
- 0~100% flicker-free, achieve the level of exemption assessment
- Over-heat / Over voltage / Over load / Short circuit protection, recover automatically
- Full protective plastic housing
- Compliant with Safety Extra Low Voltage standard
- Suitable for indoor I/II/III type lamps application

## Wiring diagram

### Triac connection

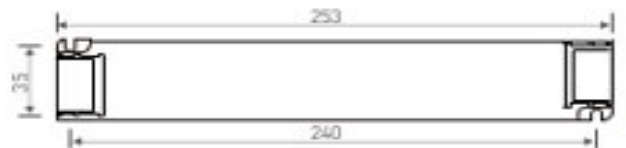
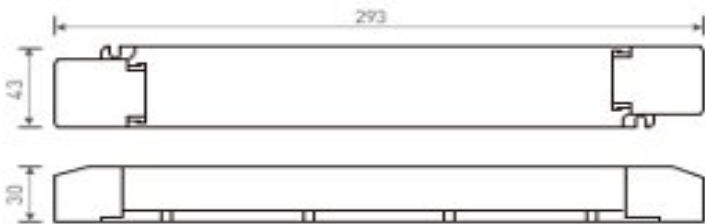


### Push DIM connection



\* Push DIM is invalid for DC voltage input.

Dimming interface priority: First Triac, next Push DIM.



0207 924 2055  
sales@superlites.co.uk  
www.superlites.co.uk

