

# BG-LM-75-24-G1T2

**Superlites**



Output Voltage: 24Vdc

Max Output Voltage: 24Vdc + 0.5Vdc

Output Current: Max 3.125A

Output power: Max 75W

Output Power Range: 0-75W

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

Dimming interface: Triac/ELV, phase-cut Push DIM

Input Voltage: 220-240Vac

Frequency: 50/60Hz

Working Temperature: ta: -20°C - 50°C tc: 85°C

## Dimension

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

Over-heat Protection: Intelligently adjusting or turning off the output current if the PCB temperature  $\geq 110^{\circ}\text{C}$ , auto recovers.

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.

Over voltage protection: Shut down the output when non-load voltage  $\geq 26\text{V}$ , re-power on to recover after fault condition is removed.

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Leading edge (Triac), Trailing edge (ELV) phase-cut and Push DIM  
Built-in SCM, dimming curve and smoothing time can be customized.

Dimming range: 0~100%, LED start at 0.1% possible.

IEEE 1789 standard)0-100% flicker-free ( .

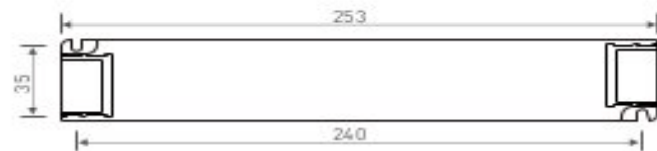
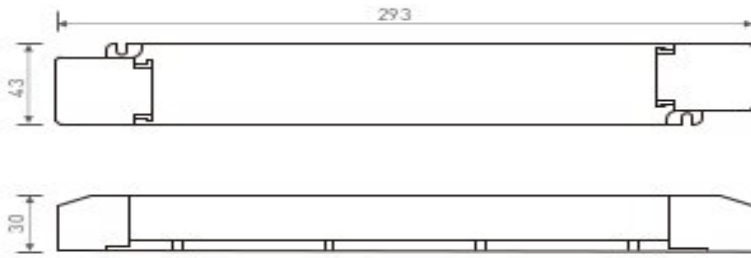
Innovative thermal management technology, intelligent power life protection.

Over load / Over temp. / Short circuit / Over voltage protection, recover automatically.

Suitable for internal lights application for I/II/III.

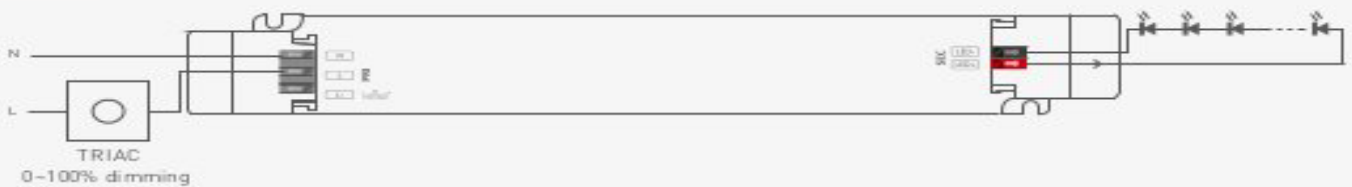
## Dimensions

Unit: mm



## Wiring diagram

### Triac connection



### Push DIM connection



\* Push DIM is invalid for DC voltage input.

Dimming interface priority: First Triac, next Push DIM.

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