



LEDIT-B100™ Dimmer

Two-Way switching wisdom from Hamilton

Hamilton Litestat has launched a new 2-Way LED dimmer; designed to be compatible with a wider range of mains dimmable lamp and luminaire brands. Hence, silent and flicker-free in operation, the LEDIT-B100™ is the perfect retrofit replacement when used with a standard 2-way Rocker Switch - ideal for applications such as larger rooms with two entrances/exits or on stairway lighting.

LEDIT-B100™ comes pre-set to 'Trailing-Edge' as standard but the dimming mode can be manually set for 'Leading-Edge' control when necessary, and allows the minimum setting to be adjusted. If the circuit contains a mixture of both Trailing and Leading-Edge LEDs, the dimming mode can be fine-tuned to deliver a smooth operation and maximum performance.

But don't just take our word for it!

See it for yourself on **You Tube**

Product Features:

- LED Dimmer module.
- One-way and two-way switch for ON/OFF function. (Retrofit traditional dimmer).
- Minimum load down to 5W (1x LED bulb).
- Soft start up and down feature helps extend lamp life.
- User settings for minimum dim level and mode setting.
- Built-in short circuit protection, once activated, the module will suspend operation for 5 seconds.
- Built-in Thermo Circuit Protection. To prevent overheating, a resettable thermostat will disconnect the dimmer if the module temperature increases above 110°C. The dimmer will become operational once the dimmer has cooled to below 75°C.
- Manually select dimmer mode (Leading or Trailing Edge).
- Designed to be installed using a 35mm flush wall box that conforms to BS4662:2006.
- The dimmer will automatically be set to Trailing Edge mode but can manually be set to Leading Edge mode.

Maximum Load:

The LEDITB100™ intelligent (mains voltage) dimmer can control up to 100W LED bulbs (10 bulbs Max) in both Trailing and Leading Edge mode.

1. Mains directly dimmable LED lamps. (100W in Trailing Edge (auto-mode) and Leading Edge (manual mode).
2. Dims up to a maximum of 10 LED lamps per circuit

Compatible Lamp Types:

- Incandescent lamps
- Mains halogen
- Mains dimmable LED lamps
- Mains dimmable CFL lamps
- Dimmable LV electronic transformers

Technical Information:

Input Rated Voltage:	230-240V AC ~ 50Hz
Terminals	L1 - Live 1 C - Common L2 - Live 2
Minimum Load:	5W mains LED
Maximum Load	100W in <i>trailing edge mode</i> 100W in <i>leading edge mode</i> (1 to 10 LEDs MAX)
No. of Operations Modes	2 Operation Modes: Trailing Edge Leading Edge
Ambient Temperature Range	0°C to 75°C
Thermostat Circuit Protection	Activates if dimmer temperature rises above 110°C. After cooling dimmer resumes normal operation.
Standard / Approval:	BS EN 60669-2-1

Plate Information:

Please see our full catalogue for our extensive range of plate designs and finishes.

LEDstat Item Code	No. Dimmer Switches per Plate	Nominal Plate Size (mm)	Max loading per plate (Trailing/leading Edge) (*Max 10 LEDs per circuit)
1XLEDITB100	1	88 x 88	100W
2XLEDITB100	2	88 x 88	140W
3XLEDITB100	3	86 x 146	210W
4XLEDITB100	4	86 x 146	280W

Plates with 2 or more dimmer must be de-rated to 70W per gang

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