

**Do not overtighten the dimmer ring / hex nut.  
- Max torque setting 0.4Nm.**

#### TECHNICAL FEATURES:

- Intelligent LED compatible dimmer modules.
- Works as a one-way or can be implemented on a two-way circuit with a switch.
- Ideal retro-fit module to replace traditional dimmers.
- Minimum load down to 5W (1 x LED).
- Soft-start to help extend lamp life.
- Simple configuration to adjust the minimum level or change the dimming mode.
- Built-in thermal protection that will turn off the circuit when the temperature has exceeded the allowed value and will automatically turn the dimmer back on when the temperature has decreased below the threshold.
- Set to Trailing edge by default but can be set into Leading edge.
- Designed to be installed into a 35mm flush wall box that conforms to BS4662:2006.

**Hamilton** LEDITB100 / LEDITB250 making light work 

**Hamilton** UK  
CA

LEDITB100		LEDITB250	
Input Rated Voltage	230VAC ~ 50Hz	Input Rated Voltage	230VAC ~ 50Hz
Minimum Load	5W (LED)	Minimum Load	5W (LED)
Maximum Load	100W/VA (LED) Trailing Edge 100W/VA (LED) Leading Edge	Maximum Load	250W/VA (LED) Trailing Edge 150W/VA (LED) Leading Edge
Operating Modes	Trailing Edge (Default) Leading Edge	Operating Modes	Trailing Edge (Default) Leading Edge
Terminals	C - Common L1 - Switched Live 1 L2 - Switched Live 2	Terminals	C - Common L1 - Switched Live 1 L2 - Switched Live 2
Ambient Temperature Range	0C to +45C	Ambient Temperature Range	0C to +45C
Standards & Approval	BS EN 60669-2-1	Standards & Approval	BS EN 60669-2-1
Dimensions	60mm (L) x 23mm (W) x 23mm (D)	Dimensions	59mm (L) x 23mm (W) x 25mm (D)
Thermal Protection & Overload Protection	Yes	Thermal Protection & Overload Protection	Yes

#### MAXIMUM LOAD:

Due to inrush currents present in LEDs, pay close attention not to exceed the maximum rating for the dimmer. As a guide, multiply the wattage of the LED load by 1.8 to find the total load of the circuit.



Scan QR code for extra information on this product

**Hamilton**<sup>®</sup>

**LEDITB100  
LEDITB250**

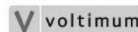
**P8920**

[www.hamilton-litestat.com](http://www.hamilton-litestat.com)






See a demonstration video on YouTube by searching for Hamilton Litestat.  
Or visit our website [www.hamilton-litestat.com](http://www.hamilton-litestat.com) for more information.

Please dispose of electronic equipment responsibly.



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Registered in London No. 941624 VAT Registration No. 222 6607 84

-  Do not expose this product to moisture, water or other liquids.
-  Do not attempt to examine or repair this product yourself.
-  This product is designed for indoor use only. Do not use outside!



CAUTION

### IMPORTANT - PLEASE READ BEFORE INSTALLATION:

The device has been designed for single-phase installation, and must be installed in accordance with applicable UK and European standards. Installation, connection, and setup should be carried out by a qualified electrician. The device should be connected according to the connection diagram below. DO NOT disassemble device as it may cause an electric shock and will invalidate the guarantee. Before installation, ensure the mains power is isolated and connection cables are not live. For technical support contact us via: Post: Hamilton Litestat Customer Services, Unit 10, Carrick Business Park, 4-5 Bonville Road, Bristol, BS4 5NZ. Web: [www.hamilton-litestat.com](http://www.hamilton-litestat.com), Email: [technical@hamilton-litestat.com](mailto:technical@hamilton-litestat.com)

### INSTALLATION:

1. Isolate the mains supply.
2. Remove the retaining screws and carefully withdraw accessory from wall box to reveal connections at rear.
3. Disconnect all cables noting their respective connections. Bend back top and bottom wall box mounting lugs if present.
4. Connect accessory with reference to wiring diagram. Check all connections thoroughly.
5. **Do not overtighten the dimmer ring / hex nut. Max torque setting is 0.4Nm.**
6. Ensure the wall box is free from dust and debris.
7. Mount accessory, taking care not to trap any cables beneath plate fixing screw.
8. Do not over tighten fixing screws. This may cause damage, which could invalidate the warranty.
9. Switch on mains supply at consumer unit and check operation of accessory.

### DISCLAIMER:

This equipment is intended for domestic and commercial installations only, including hotels and offices. It must be installed in accordance with the supplied fitting instructions. It should be fixed in the approved and conventional way to a folded metal wall box that conforms to BS 4662. All accessories are manufactured under an accredited BS EN ISO9001:2008 Quality Management System.

### GUARANTEE (Applies to UK and Eire):

This accessory is guaranteed against faulty workmanship or materials for a period of twelve months and will be repaired or replaced free of charge on condition that it is returned to Customer Services Dept, and that: (See notes a - d below).

- a) The accessory has not been overloaded or connected to a supply other than 230/240 volts 50Hz.
- b) The installation procedure has been carried out correctly.
- c) The accessory has not been taken apart or repaired by any unauthorised person.
- d) The Bill of Sale (dated) accompanies the accessory for repair or replacement.

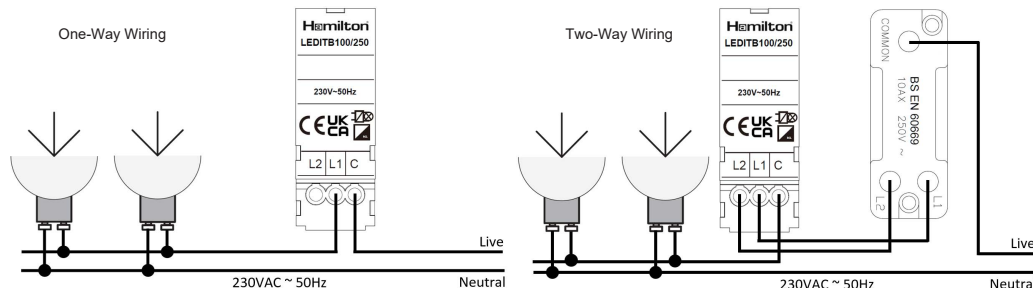
This guarantee does not affect the statutory rights of the consumer. In no circumstances can the company accept responsibility for any consequential loss or damage said to arise from the use of this product.

LEDITB100		
Number of dimmer switches per plate	Nominal plate size (mm)	MAX Load ing per plate (Trailing / Leading Edge)
1	86 x 86	100W
2	86 x 86	140W
3	86x 146	210W
4	86 x 146	280W

Plates with 2 or more dimmers must be de-rated to 70W/VA per gang.

LEDITB250		
Number of dimmer switches per plate	Nominal plate size (mm)	MAX Loading per plate Trailing / Leading Edge
1	86 x 86	TE = 250W LE = 150W
2	86 x 86	TE = 350W LE = 200W
3	86x 146	TE = 525W LE = 300W
4	86 x 146	TE = 700W LE = 400W

Plates with 2 or more dimmers must be de-rated to 175W/VA per gang in Trailing edge & 100W in Leading edge



### Setting the Minimum Level:

1. Press dimmer knob to turn the dimmer OFF and go to the MAXIMUM position. Leave in this position for at least 5 seconds.
2. Turn dimmer ON then dim down to the MINIMUM position and press OFF and ON.
3. Turn the dimmer to the MAXIMUM position and press OFF and ON. The lamps will flash 2 times.
4. Set the dimmer to the desired minimum level.
5. Press dimmer OFF and ON at the desired minimum level to save setting, lamps will flash once to confirm.

### Changing the Dimming Mode:

By default, the dimmer is set to TRAILING EDGE but can be set the LEADING EDGE by following the procedure below:

1. Press dimmer knob to turn the dimmer OFF and go to the MINIMUM position. Leave in this position for at least 5 seconds.
2. Turn dimmer ON then go to the MAXIMUM position and press OFF and ON.
3. Turn the dimmer to the MINIMUM position, then press OFF and ON. The lamps will flash 4 times to confirm dimmer is in programming mode.
4. To set the dimmer into LEADING EDGE, go to the MAXIMUM position and press OFF and ON. Lamps will flash 3 times to confirm.  
OR  
To set the dimmer into TRAILING EDGE, go to the MINIMUM position and press OFF and ON. Lamps will flash once to confirm.