

CORSTON
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Two Way Dimmer
Module



CORSTON AE Two Way Dimmer Module Instruction Manual

[Home](#) » [CORSTON](#) » CORSTON AE Two Way Dimmer Module Instruction Manual 

Contents

- [1 CORSTON AE Two Way Dimmer Module](#)
- [2 INTRODUCTION](#)
- [3 Installation](#)
- [4 Features](#)
- [5 Warning & Installation information](#)
- [6 Setting the Minimum Brightness](#)
- [7 Setting the Mode to TE or LE](#)
- [8 CONTACT](#)
- [9 Documents / Resources](#)
 - [9.1 References](#)
- [10 Related Posts](#)

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INTRODUCTION

Isolate the power supply at the consumer unit circuit breaker. Verify that the power is off. These products must be installed in accordance with the latest building regulations. If in any doubt, please contact a qualified electrician.

Installation

The dimmer has trailing edge and leading edge modes which treats the bulbs in the best way to ensure long life. After installation, the minimum brightness of the lights should be programmed to avoid any LED flickering.

Features

- Suitable for One-Way or Two-Way dimming and switching with Two-Way or intermediate switches
- Minimum load down to 5W of capacitive or resistive load, incl. dimmable LED and incandescent lighting
- 5-100W LED lighting
- The minimum brightness level can be programmed
- Trailing and leading edge operation
- Soft-start operation to extend bulb life
- Complies with IEC EN60669

Warning & Installation information

- The dimmer should be protected by a 6A or up to 16A maximum circuit breaker.
- The dimmer must always be connected to the live side of the load.
- Two or more dimmers must not be connected in parallel or series to control the same load from two different locations.

Setting the Minimum Brightness





This is important to prevent LED bulbs from flickering at very low levels. Perform each step precisely, within 15 seconds of the previous step:

1. Switch dimmer ON and turn to minimum position
2. Push the dimmer knob 8 times
3. The light will flash twice, the dimmer is now in configuration mode.
4. Adjust the brightness to the minimum brightness required.
5. Push the dimmer knob 4 times until the light flashes once. This minimum brightness is now saved.

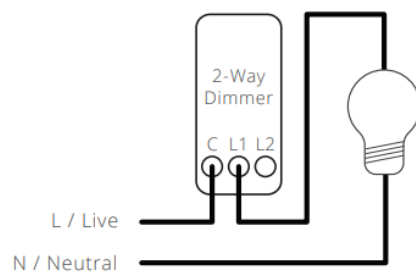
Setting the Mode to TE or LE

The dimmer can operate in Trailing Edge (TE) and Leading edge (LE) modes. Most bulbs are best driven by TE mode, but some Halogen bulbs with electronic transformers prefer LE mode. The default dimming mode is set to TE, the modes can be set manually as below.

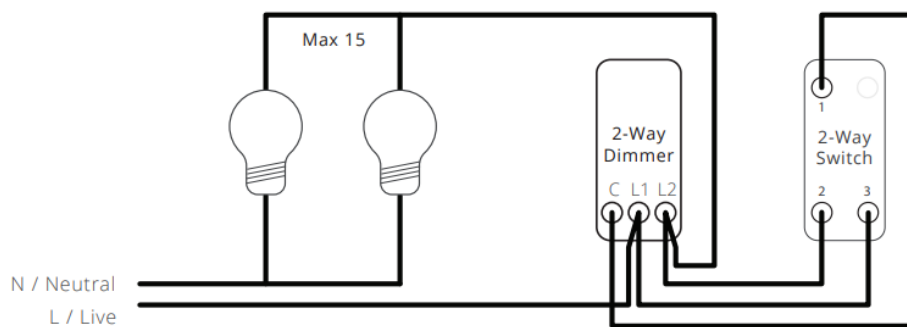
1. Switch Dimmer ON and turn to maximum position
2. Press the dimmer knob 10 times, the load will flash twice to show dimmer is in LE mode
3. Press the dimmer knob 10 times, the load will flash once to show dimmer is in TE mode

Parameter	Value
Supply Voltage & Frequency	220-240V ~ 50Hz
Rating	5-150W: incandescent lamps, high voltage halogen lamps and electronic step-down converter for extra low-voltage incandescent lamps. 5-100W: dimmable LED lamps.
Dimming Technology 	Default Dimming mode is set to Trailing Edge Leading edge dimming can be set by user manually.
Compatible loads for TE auto mode	 Dimmable LED lighting with compatible Electronic Transformers.
	 Incandescent lighting, MV Halogen lamps.
	 LV Halogen lighting with electronic transformers.

1 Way Wiring Diagram



2 Way Wiring Diagram




Two dimmers cannot control the same light.

CONTACT

corston.ae/support
hello@corston.ae

Documents / Resources

	<p>CORSTON AE Two Way Dimmer Module [pdf] Instruction Manual AE Two Way Dimmer Module, AE, Two Way Dimmer Module, Way Dimmer Module, Dimmer Module, Module</p>
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References

- [User Manual](#)

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