

European two-way dimmer

INSTRUCTIONS

Isolate the power supply at the consumer unit circuit breaker. Check that the power is off. These products must be installed by a qualified electrician in accordance with the latest building regulations.

FEATURES

- Suitable for one-way or two-way dimming and can be used with intermediate switches.
- Minimum brightness down to 5W of capacitive or resistive load, incl. dimmable LED and incandescent lighting.
- Minimum brightness level can be programmed.
- Built in thermal cut-off and short circuit protection.
- Soft-start operation to extend bulb life.
- Complies with IEC EN60669.

WARNING & INSTALLATION INFORMATION

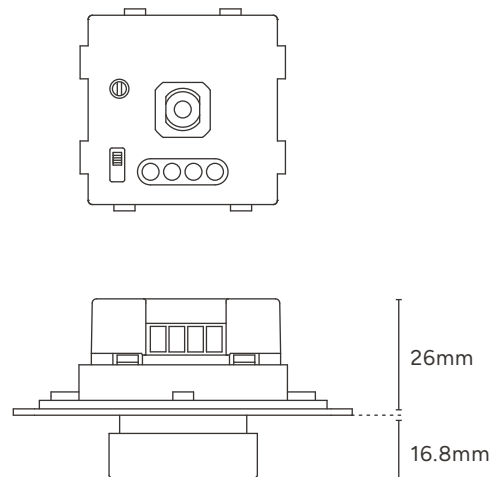
Electric shock hazard. Hazardous voltage may be present at the output of the module. Look out and tag the input circuit before accessing the wiring connections. Failure to follow this warning can result in death or serious injury.





- The module should be protected by a 6A or up to 16A maximum circuit breaker.
- Two or more dimmers must not be connected to the same circuit.
- Multiple compatible loads can be used per circuit, as long as it is within the maximum wattage ratings for the dimmer. We recommend a maximum of 15 lamps per circuit.

MULTI-GANG DERATING

For all applications where dimmers are multi-ganged, derate the maximum load rating of the unit according to the derating table below:

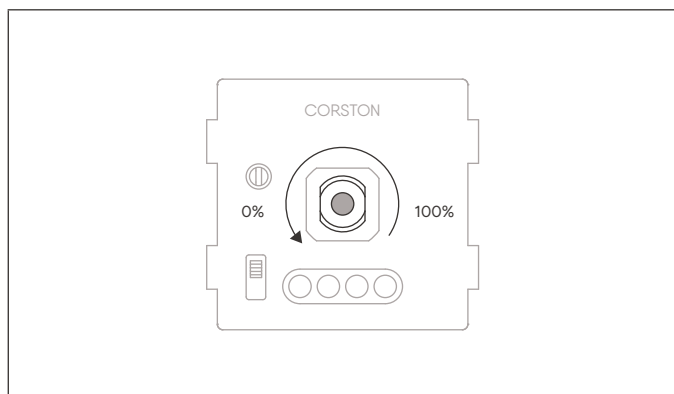
Dimmers	Max. load per dimmer	
	TE	LE
x1	250W	120W
x2	225W	125W
x3	200W	100W



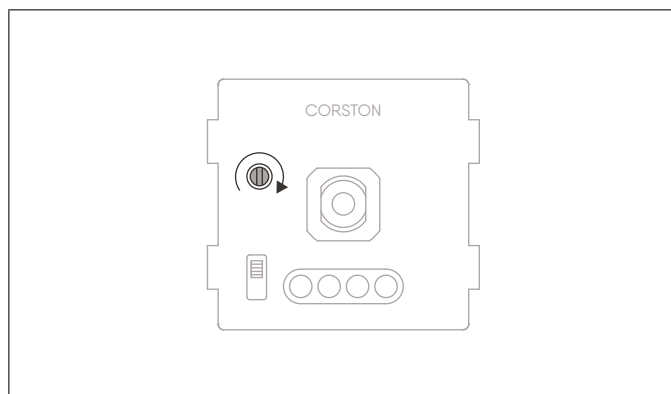
Parameter	Value
Supply voltage & frequency	220-240V ~ 50Hz
Rating	5-250W: incandescent lighting and trailing edge LEDs 5-150W: leading edge LEDs
Dimming technology  R.C.L.	Leading edge (LE) or trailing edge (TE) dimming modes Can be set by the user manually
Compatible loads	 Dimmable LED lighting with compatible electronic transformers
	 Incandescent lighting
	 LV halogen lighting with electronic transformers
Operating temperature	0-45°C
Operating humidity	10-90% R.H.

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SETTING THE MINIMUM BRIGHTNESS

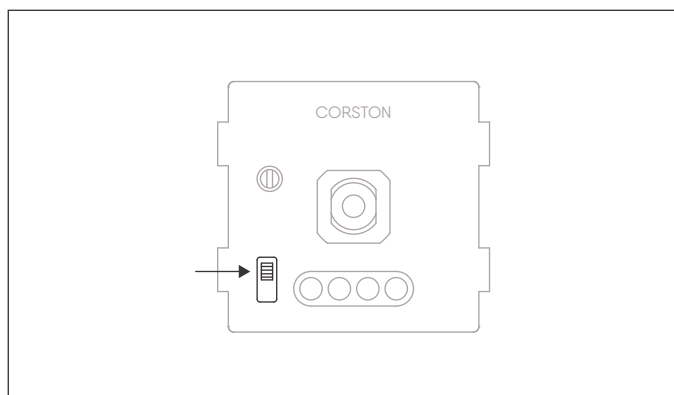


Turn the dimmer to the minimum position.

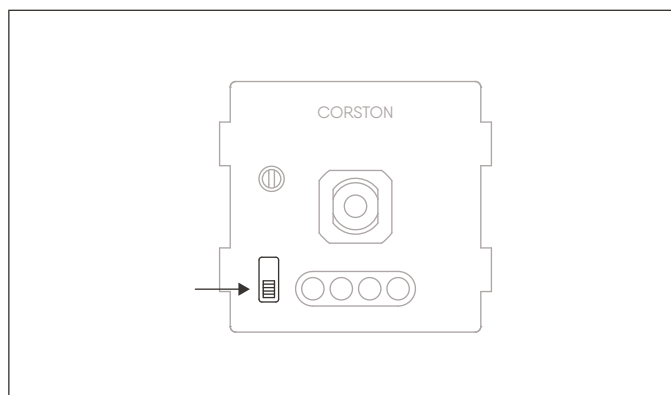


Use a screwdriver to turn the dial, increasing until it reaches the desired minimum brightness.

DIMMING MODES



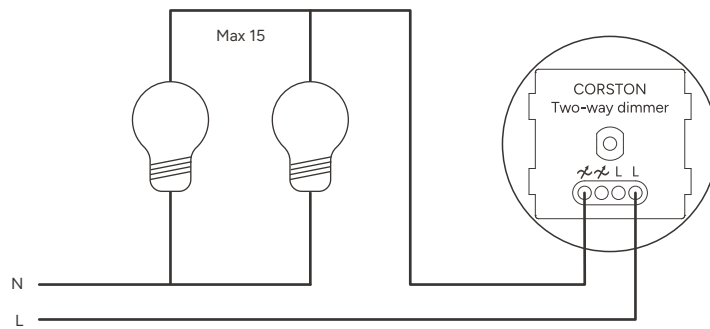
Leading edge



Trailing edge

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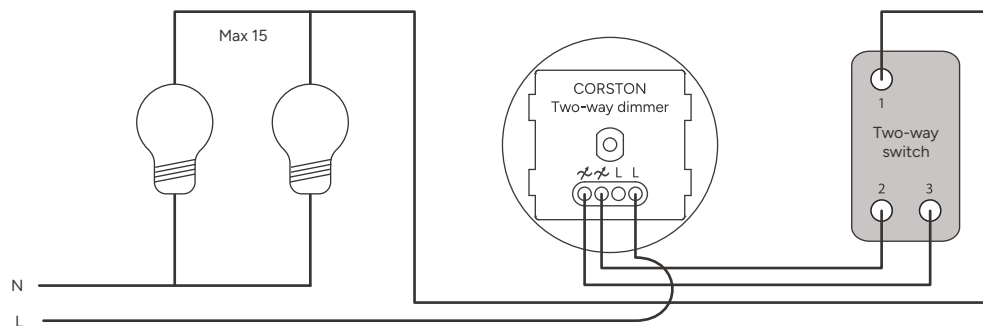
ONE-WAY WIRING DIAGRAM



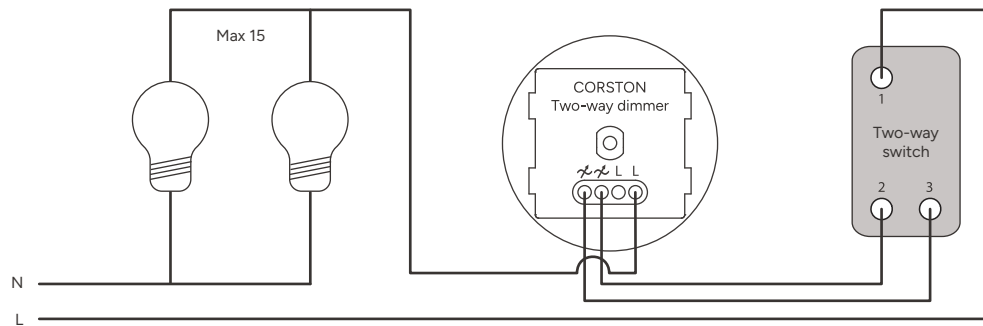
Some lamps may exhibit unexpected performance characteristics when cold. Dimming performance should improve after the lamp warms up. If the lamp begins to flicker or there are dimming issues, the dimmer may need to be changed from TE to LE mode or vice versa.

TWO-WAY WIRING DIAGRAM

Example 1



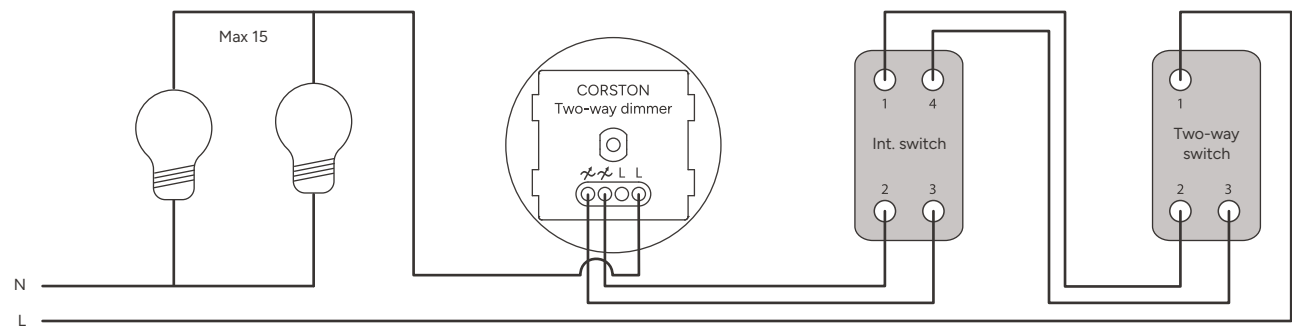
Example 2



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THREE-WAY WIRING DIAGRAM

Example 1



Example 2

