

LUCCI POWER PUSH BUTTON DIMMER WITH INTEGRAL ON/OFF SWITCH

SKU# 290989, 290992

Rated Voltage 220-240V~ 50Hz

To ensure correct function and safety, please read and follow all instructions carefully before assembly, installation and use of this dimmer. Please keep instructions for future reference.

Warranty

- This dimmer is covered by a 5-year warranty. The warranty is from date of purchase, not the date of installation.
- If the dimmer is not installed by a licensed electrician, the warranty will be void.
- Please retain proof of purchase and evidence of installation by a licensed electrician for any warranty enquiries.
- Warranty will be void if there is any damage due to improper usage or modification to the dimmer.
- Failure to comply with the instructions in this manual may increase the risk of damage or injury and will void the warranty.

Installation Requirements

- **Must be wired and installed by a licensed electrician and in accordance to the current local and national wiring rules. AS/NZS 3000 Electrical Installations (the latest edition).**
- This Lucci Power Push button dimmer is designed for use with Lucci brand family dimmable LED lighting equipment. Where the loads are on the same electrical circuit, it must be Mains 240V dimmable LED retrofit luminaires which have a dimmable LED driver.
NOTE: A dimmable electronic transformer is not considered to be a dimmable LED Driver.
- Problems encountered when using other types of dimmable 240V luminaires NOT recommended in this installation guideline are NOT covered by the warranty.
- Do not exceed the rated output load listed below:
 - **For Mains 240V LED load: Max. 200W**
 - **For Mains 240V Halogen / Incandescent load: Max. 300W**
 - **ELV halogen with dimmable converter/transformer: Max. 300VA**
- Not suitable for inductive load, non-dimmable load, mixed loads and ELV halogen with iron core transformers.
- Do not exceed rated power input specification.
- This product is suitable for indoor use only.

Installation Preparation

Before carrying out the installation the following must be considered:

- Wall plate or wall mounting box (not supplied) will be required for installation, pending on where the dimmer will be located e.g. behind a wall or surface mounted.
- Ensure the power to the electrical circuit is switched OFF.
- All electrical wiring connection & disconnection must be in accordance with Australian & New Zealand wiring rules e.g. AS/NZS 3000 (the latest edition).

CAUTION: For your safety, this electronic dimmer must be installed by a licensed electrician.

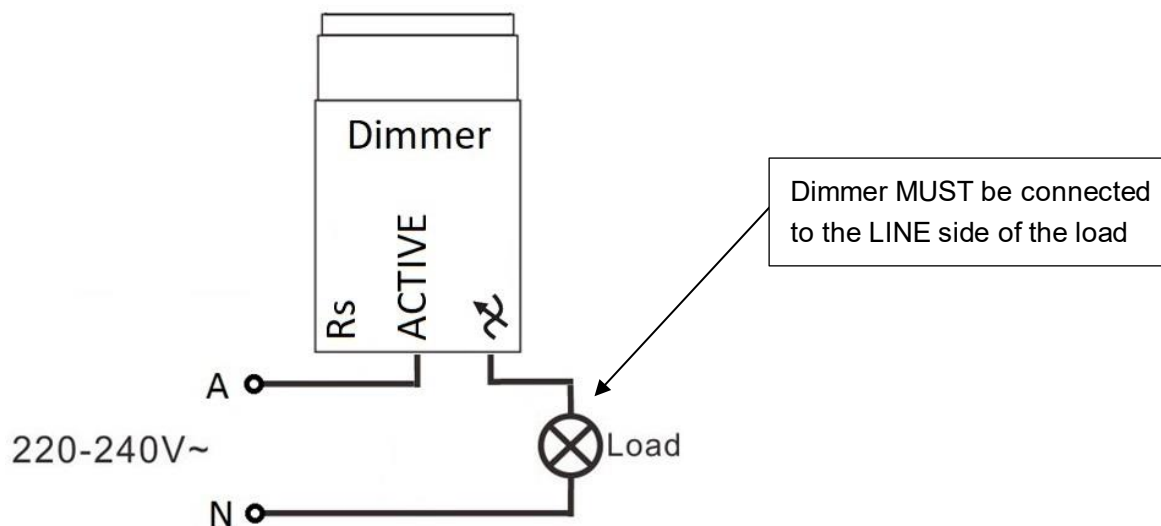
Installation Directions

WARNING – HIGH VOLTAGE

- Power to the circuit must be switched OFF at the switchboard before the installation. Household power can cause **SERIOUS INJURY** or **DEATH**.
- This dimmer does not provide full disconnection/off-state. The circuit on the load side of the dimmer should be considered live.
- Wiring must meet all local and national electrical wiring codes.

MAKING THE ELECTRICAL CONNECTION

1. Ensure power to the circuit you are working on is disconnected at the switchboard.
2. The dimmer MUST be connected to the LINE side of the load. See the wiring diagram below.
3. Rs (Retractive switch) is not a supported function at the moment. Do not connect to this terminal.
4. Connect the 240V~ active mains supply to the terminal marked ACTIVE on the dimmer.
5. Connect the load to the terminal marked  on the dimmer.
6. Connect the neutral of the load to the 240V~ mains supply neutral.
7. Install the dimmer into the face plate and install the face plate back onto the wall.
8. Test all the dimmer functions to ensure it is fully operational and functioning.

**NOTE:**

- For two-way operation, this dimmer must be used in conjunction with SKU: 291012
- Two or more dimmer MUST NOT be connected in parallel or series to control the same load from two different locations.
- This dimmer does not provide full disconnection/off-state. The circuit on the load side of the dimmer should be considered live.
- This dimmer shall be protected by a 6A or up to a 10A maximum miniature circuit breaker, which is special use with this dimmer.
- When setting low dimming point on product featuring colour shifting at the wall switch it recommended to use the factory setting, if you don't this may cause your lights to change colour unexpectedly.

Operation

ON/OFF

- Short press the push-button dimmer to turn ON or OFF.

DIMMING

- Long press the push-button dimmer to dim up or down. Release to stop dimming.

Dimmer Function

PUSH BUTTON	FUNCTION
2	Middle light range: - Push the dimmer button 2 times. - Dimmer will go to 50% brightness.
4	Colour temperature reset. The luminaire will flash 2 times and reset to 3000K colour temperature.
5	Indicator light on/off. - By default, the indicator light is off. - To turn on the indicator light push the dimmer button 5 times.

Programming

PUSH BUTTON	FUNCTION
Long press	Enter programming mode - Press the push button for 10 seconds. Indicator light will blink 3 times. - Dimmer is now in programming mode
	Minimum brightness setting to 0% - Enter programming mode. - Press the push button twice. The indicator light will blink twice, and the connected light will dim to 50% brightness. - The dimming range is now set to 0% – 100%. Note: To save this programming step, turn the power off and then on at the dimmer. - To adjust the minimum brightness: - o Press and hold the push button until the desired minimum brightness is reached. - o Release the push button once the preferred level is set. - o Press the push button three times to lock in the setting. - Turn the power off and on at the dimmer to save the new setting.
7	Reset to default settings. - Enter programming mode - Press the push button 7 times. The indicator light will flash 3 times - Turn the power off and on at the dimmer to save.
NOTES	1. The default minimum brightness is set at 20%. To adjust to a lower brightness 2. If the luminaire is dimmed down to the minimum level and the luminaire start-up is inconsistent and colour temperature is inconsistent, reset the dimmer to default settings

Product Features

1	Soft-start operation to extend the life of the luminaire.
2	LED back light to indicate the dimming mode.
3	User can set the minimum dimming level.
4	Built-in re-settable thermal cut-off to protect the dimmer over normal operation temperature caused by overloads.

Specifications

Compatible SKU#	290989	290992
Colour	White	Black
Rated Voltage	220-240V~ 50Hz	
Minimum Load	Min. 3W	
Maximum Load	Dimmable LED - Max. 200W Halogen / Incandescent - Max. 300W ELV halogen with dimmable converter/transformer - Max. 300VA	
Compatible Loads	Capacitive load, Resistive load	
Non-compatible Loads	Inductive load, Non-dimmable load, Mixed loads, ELV halogen with iron core transformers	