

PUSH BUTTON SECONDARY DIMMER

SKU# 291012

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

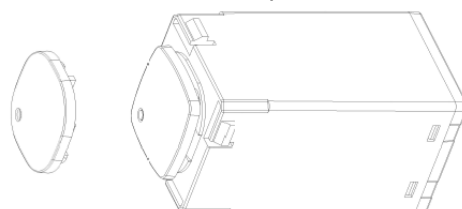
- This dimmer must be wired and installed by a licensed electrician and in accordance with the current local and national wiring rules. AS/NZS 3000 Electrical Installations (the latest edition).
- This is a secondary dimmer mech, it will only work the Lucci Power primary dimmer mech: SKU# 290989 or 290992 (sold separately).
- Do not exceed the rated output load listed below:
 - **For Mains 240V LED load: Max. 150W**
 - **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 dimmer is suitable for indoor use only.

Installation Preparation

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

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.
- A wall switch is required (not supplied) when using with this dimmer to provide ON/OFF and isolation to the electrical lighting equipment circuit. The dimmer **MUST** not be used as an ON/OFF switching device. Only use as a dimmer.
- 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).
- Check the type of wall plate you have and determine if the button cap requires replacement or not. If it requires replacement, use a screwdriver and gently remove the button cap. Align the correct button cap and push down onto the dimmer mech until it clicks into place.



Installation Directions

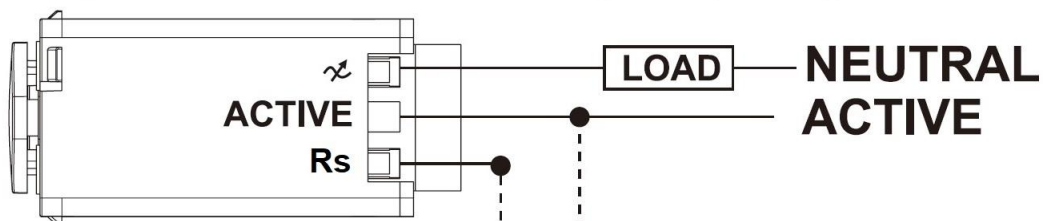
WARNING – HIGH VOLTAGE

- 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 active and remote side of the dimmer should be considered live.
- Wiring must meet all local and national electrical wiring codes.

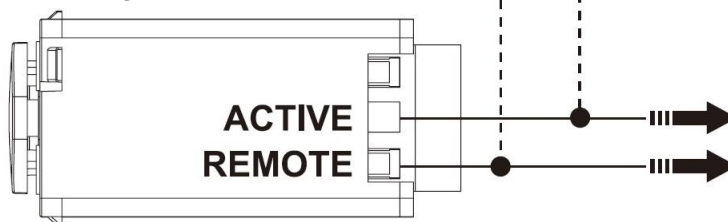
MAKING THE ELECTRICAL CONNECTION

1. Ensure power to the circuit/s you are working on (primary dimmer) is disconnected at the switchboard.
2. Remove the existing switch from the wall face plate.
This dimmer fits into the following wall face plates:
Lucci Gravity range (SKU# 299219 – 299230 and SKU# 299232 – 233243), Clipsal 2032VH & 2032WE and NPE DS603S.
3. Connect the secondary dimmer to the primary dimmer (sold separately) according to the wiring diagram below.
4. Install the dimmer into the face plate and install the face plate back onto the wall.
5. Test all the dimmer functions to ensure it is fully operational and functioning.

Primary dimmer SKU# 290989 or 290992 (sold separately)



Secondary dimmer SKU# 291012



NOTE:

- Two or more dimmers **MUST NOT** be connected in parallel or series to control the same load from two different locations. (Primary & Secondary dimmer combination is OK)
- An isolation wall switch must be included in the wiring installation. The isolation wall switch allows disconnecting of the dimmer and loads from the mains 240VAC power during maintenance and cleaning of the connected load. 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.

Product Features

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

Specifications

SKU#	291012
Rated Voltage	220-240V~ 50Hz
Minimum Load	Min. 3W
Maximum Load	Dimmable LED - Max. 150W 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

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