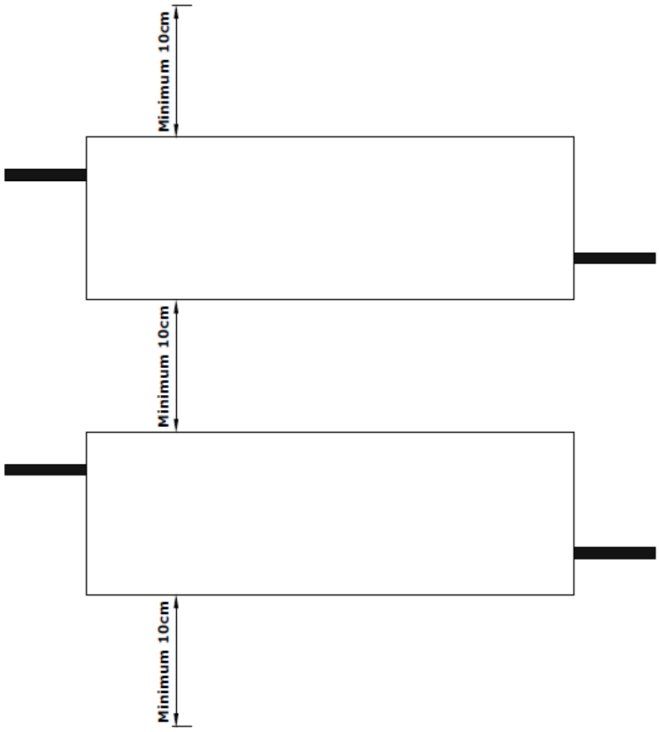
# LED Driver Installation Manual

Power Supply for Lighting purposes- for use with Class III LED Lighting

## Installation

- Before commencing any installation or maintenance work, ensure the mains power supply is disconnected. Lock it out, so that it cannot be re-connected inadvertently!
- Do Not Cover the driver.
- Do not stack any object on the driver.
- Ensure proper ventilation around the unit.

A minimum 10cm clearance must be kept when the adjacent device is a heat source, or normally flammable building elements.



- Mounting orientations other than standard orientation or operating under high ambient temperature may increase the internal component temperature and will require de-rating. Please refer to the data sheet to check the standard mounting position and information about the de-rating curve.
- The LED driver must be installed by a qualified electrician.

# Wiring

The below table shows the AC wire colouring used in Australia:

| | |
|---|---|
| Line / Active / AC-L | Brown |
| Neutral AC-N | Blue |
| Earth | Green / Yellow |

- Connect the ACL wire (brown) of the LED power supply to Line (brown).
- Connect the ACN wire (white or blue) of the LED power supply to Neutral (white or blue).
- Consult the driver data sheet for the correct circuit breaker rating.

POWER SOURCE

# Guide to Breaker Loading

| Power | B10 | B16 | C10 | C16 | D10 | D16 |
|---|---|---|---|---|---|---|
| 30 WATTS | 6 | 9 | 10 | 16 | 20 | 32 |
| 60 WATTS | 6 | 9 | 10 | 16 | 20 | 32 |
| 75 WATTS | 2 | 3 | 3 | 6 | 7 | 12 |
| 100 WATTS | 2 | 4 | 4 | 6 | 8 | 12 |
| 150 WATTS | 2 | 3 | 3 | 5 | 6 | 11 |
| 200 WATTS | 2 | 3 | 3 | 5 | 6 | 11 |
| 300 WATTS | 1 | 1 | 1 | 2 | 3 | 5 |
| 320 WATTS | 0 | 1 | 1 | 2 | 3 | 5 |
| 360 WATTS | 0 | 1 | 1 | 2 | 3 | 5 |

## Warning / Caution

- Risk of electrical shock and energy hazard. All failures should be examined by a qualified technician.
- Risk of irreparable damage. LED power supplies with IP rating must be located indoors or in a location where these units can be sheltered from the rain if outdoors. No products can be immersed in water.
- Please do not install LED power supplies in places with high ambient temperature or close to heat source. Please refer to the specifications for the maximum ambient temperature limit.
- LED power supplies should never be exposed to direct sunlight.
- Output current and output wattage must not exceed the rated values on the specifications.

- All Power Source Drivers are designed in accordance with EMC regulations and the related test reports are available by request. When power supplies are integrated into a system, the EMC characteristics of the end system must be re-verified.
- Any damage to any part of the LED driver should be assessed by a qualified electrician.
- The dimming cord on the LDVP series LED drivers is a FELV terminal and has a "Caution Risk of Electric Shock' label attached.

WARNING:
FELV terminals marked "Caution Risk of Electric Shock" are not safe to touch.

WARNING:
Circuits connected to the FELV control terminal must be insulated from the LV supply voltage of the power supply, and any connections to the FELV terminal must be protected against accidental contact.