

Non Dimmable Drivers

- 5 Year Warranty
- Constant Voltage
- 12v DC & 24v DC Available
- Non Dimmable
- Flex & Plug AU/NZ Approved
- Safe no load operation
- Overload & short circuit protection
- RCM & EMC Compliant



Call us now on (03) 8521-6470
to quote your project big or small

12v DC

| Model Number | Power | Input Voltage | Load Out | Size (L x W x H mm) | IP Rating | PF | Efficiency |
|--------------------|-------|---------------|----------|---------------------|---|-------|------------|
| JB-20W-12V-IP20-ND | 20W | 220-240Vac | 1500mA | 100 x 36 x 18 |  | >0.95 | >85% |
| JB-40W-12V-IP20-ND | 40W | | 3300mA | 133 x 46 x 24 | | | |
| JB-60W-12V-IP20-ND | 60W | | 4500mA | 133 x 46 x 29 | | | |
| JB-80W-12V-IP20-ND | 80W | | 6000mA | 170 x 50 x 31 | | | |



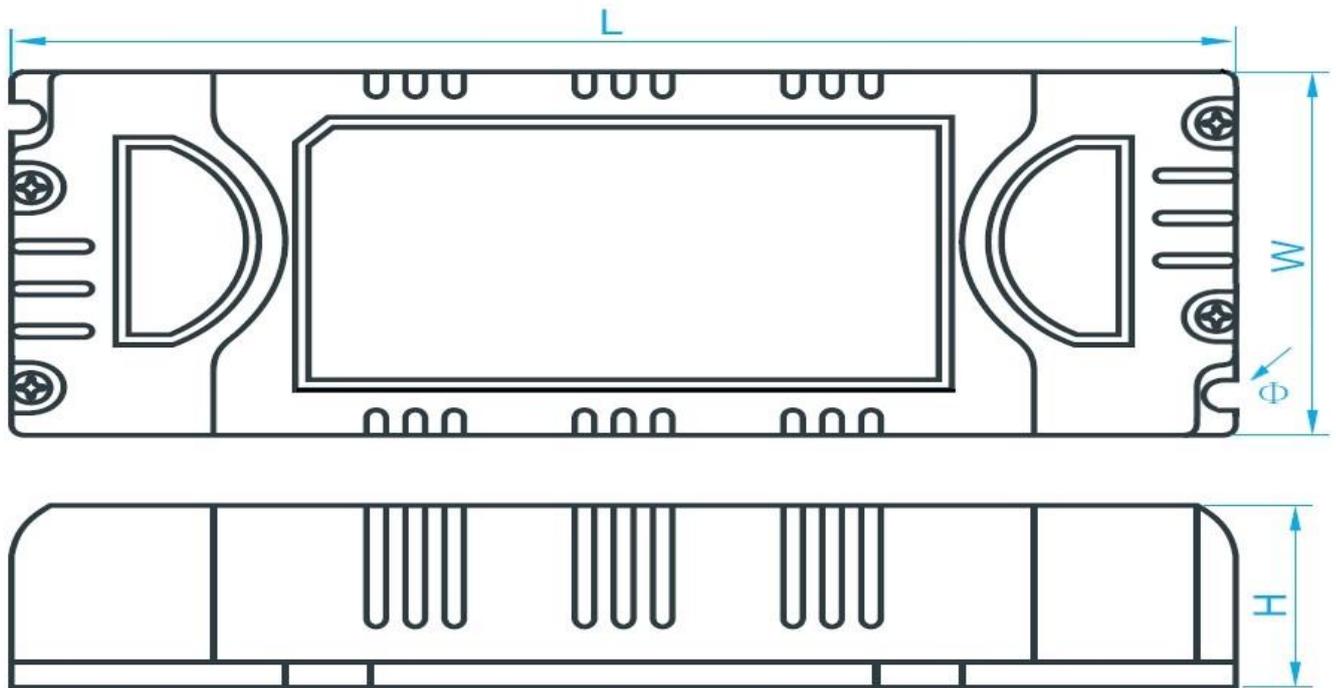
24v DC

| Model Number | Power | Input Voltage | Load Out | Size (L x W x H mm) | IP Rating | PF | Efficiency |
|--------------------|-------|---------------|----------|---------------------|---|-------|------------|
| JB-20W-24V-IP20-ND | 20W | 220-240Vac | 830mA | 100 x 36 x 18 |  | >0.95 | >85% |
| JB-40W-24V-IP20-ND | 40W | | 1700mA | 133 x 46 x 24 | | | |
| JB-60W-24V-IP20-ND | 60W | | 2500mA | 133 x 46 x 29 | | | |
| JB-80W-24V-IP20-ND | 80W | | 3300mA | 170 x 50 x 31 | | | |

Specification subject to change without prior notice. Last updated 01/07/2022

Product Dimensions

* Refer to dimensions listed on previous page



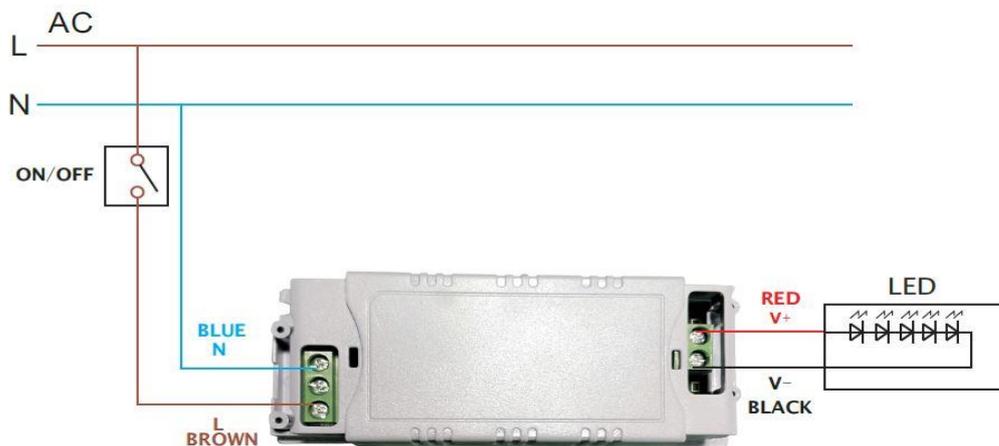
Product Features

- * Adopt PFC circuit scheme, high factor and low harmonic
- * Full-isolation driver
- * Fireproof environmental protection PC plastic cover
- * Short circuit protection - Intermittent restart mode, after the exception can be automatically restored
- * Over current protection - Hiccup mode, after the removal of abnormal flow can be automatically restored
- * Over voltage protection - Hiccup mode, after the exception of abnormal pressure can be automatically restored
- * Safe no load operation
- * Overload and short circuit protection
- * Driver is pre-terminated with an Australian/NZ 240Vac 10A rated flex and plug

| | | | |
|--------------------|--------------------------------|---|---------------|
| Environment | Operating Temperature/humidity | -30~+50°C | 5~95%RH |
| | Storage Temperature/humidity | -40~+70°C | 5~95%RH |
| | Temperature Coefficient | ±0.03% °C | (0~50°C) |
| | Vibration | 5~55Hz | 2G 30 minutes |
| Safety | Safety | EN60598 | |
| | Pressure | I/P-O/P:3KVAC IP-FG:1.88KVAC O/0-FG:0.5KVAC | |
| | Insulation Resistance | I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/70%RH | |
| | EMC Emission | EN55022 EN55015 Class B | |
| | EMC Immunity | EN61547 ENV5024 EN61000-4-2/3/4/6/8/11 | |

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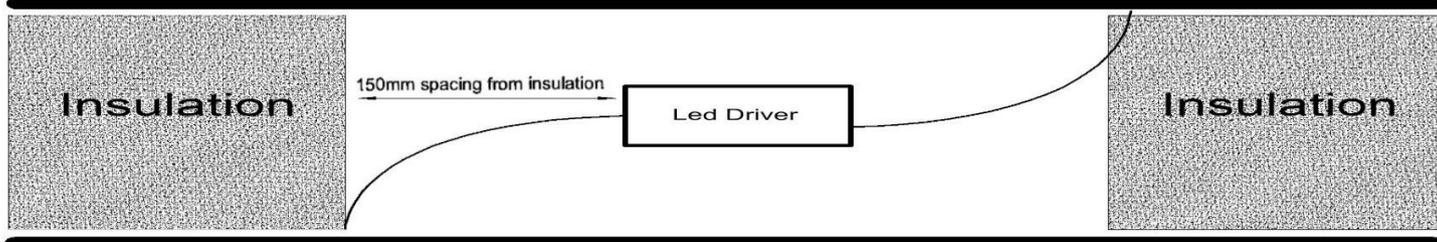
Wiring Diagram



Installation Instructions

1. The drivers are suitable for mounting in a variety of indoor locations, including above suspended tile ceilings and fixed plasterboard ceilings, as well as inside luminaires and linear lighting systems.
2. The drivers have an ingress protection rating of IP20 and are protected against moisture ingress. It is therefore not suitable for mounting in an outdoor environment without being housed in a suitable weatherproof enclosure.
3. The drivers include two fixing holes on either end of the driver. These are used for anchoring the driver in a suitable location, typically using a fixing screw or cable tie.

Timber



| LOCATION | DISTANCE | DESCRIPTION |
|---------------------|-----------------|---|
| Sides | 150mm (Minimum) | Clearance from thermal insulation and combustible material. |
| Above | NIL | Do not cover the LED driver with any building material. |
| Mounting | 0mm (Abutted) | Can be mounted directly onto plaster, chipboard or timber. |
| Auxillary Equipment | 150mm (Minimum) | Auxillary equipment must be placed more than 150mm from driver. |

Caution

- * These LED drivers should be installed according to the instructions in this guide and by a qualified electrical installer.
- * Always SWITCH OFF the power at the mains when installing, adjusting or maintaining the LED driver.
- * When installed, the driver should NOT be covered. A minimum clearance of 150mm from insulation or combustible material is required.
- * The maximum recommended ambient operating temperature and maximum recommended case temperature must not be exceeded during product operation.
- * Before connecting the driver to a 3rd party LED lamp(s), the installer must ensure that the LED lamp specifications are compatible with the driver specifications and that the appropriate dc output is selected.
- * Connecting incompatible 3rd party LED lamp(s) to the driver or selecting the incorrect dc output is likely to cause damage to the LED lamp(s) and/or driver.
- * Do not remote mount driver any more than 2m from LED lamp.

Warranty

1. This product is guaranteed against faulty workmanship and materials for period of five years from the date of installation.
2. This warranty is expressly subject to the product being installed, wired, tested, operated and used in accordance with the manufacturer's instructions
3. There are no user serviceable parts inside this product. Do not attempt to disassemble or operate the driver with any covers removed. For any warranty issues return to supplier
4. Failure to comply to installation instructions and specifications, abuse or mis-powering of the driver or failure to use the driver for its intended use will void the warranty.

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