

Trailing Edge Triac Dimmable Drivers

- 5 Year Warranty
- Constant Voltage
- 12v DC & 24v DC Available
- Triac Dimming Range 5%-100%
- Flex & Plug AU/NZ Approved
- Safe no load operation
- Short circuit, over-current & over-voltage 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-DIM	20W	220-240Vac	1500mA	100 x 36 x 18		>0.95	>85%
JB-40W-12V-IP20-DIM	40W		3300mA	133 x 46 x 24			
JB-60W-12V-IP20-DIM	60W		4500mA	133 x 46 x 29			
JB-80W-12V-IP20-DIM	80W		6000mA	170 x 50 x 31			



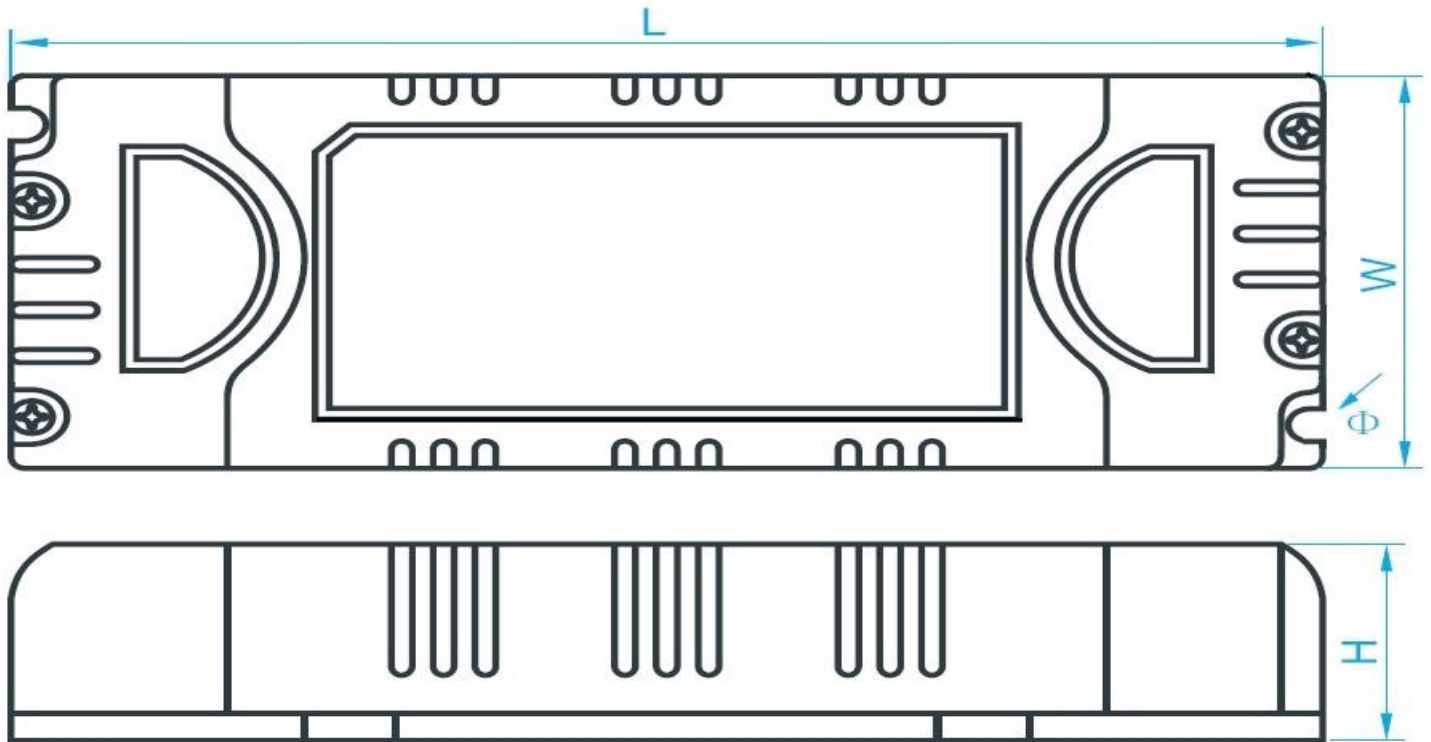
24v DC

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



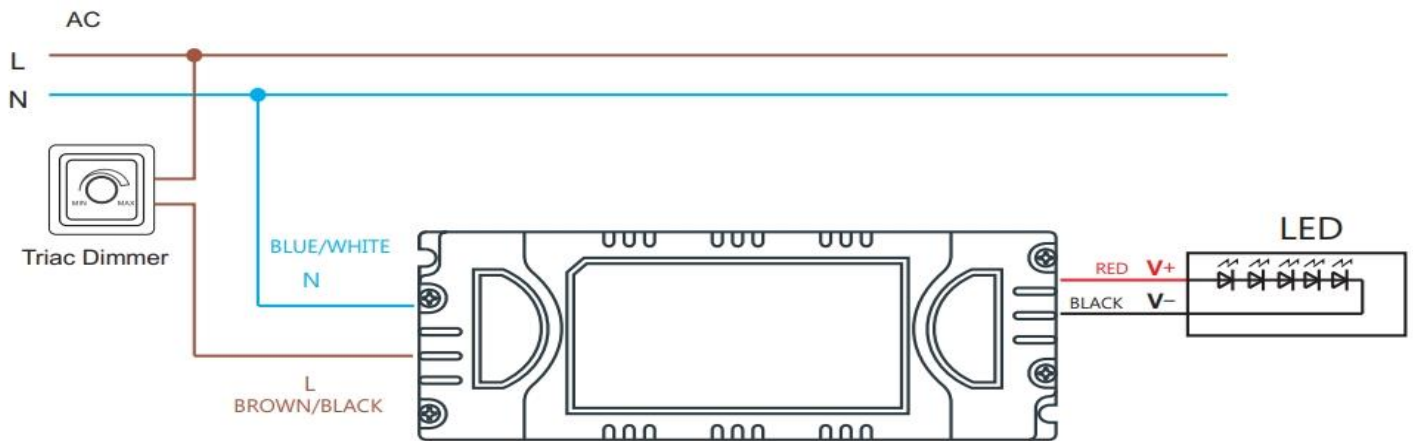
Product Features

- * 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

Enviroment	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/O-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	

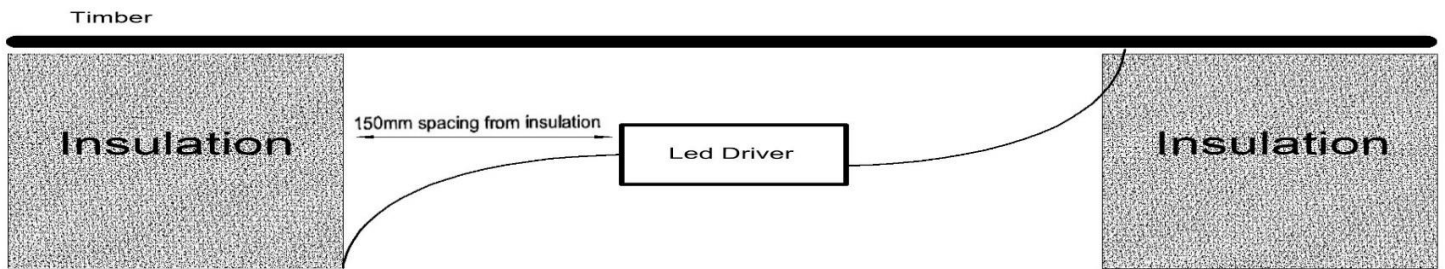
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Wiring Diagram



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.



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.
Auxiliary Equipment	150mm (Minimum)	Auxiliary 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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