

MANUAL

ECO-DIM LED DRIVERS

*different models, check the list below to see
which model is for you.*



EcoDim B.V.
Dr. Huber Noodtstraat 89
7001 DV, Doetinchem, Netherlands
(Imported by NJ Trading B.V.)
Made in China
—
www.ecodim.nl



Important information for the installation

- * Be sure to read and understand all instructions before installation. For best results have installed by a qualified technician .
- * Be sure to connect the light to the power supply first before connecting power supply to outlet. Failure to connect to an outlet in this order may cause damage and will void manufacturer's warranty.
- * There are no user serviceable parts inside power supply. Removal of cords or covers may damage product and will void warranty.
- * Do not overload the power supply.
- * The maximum length of output cable to the LED lamps should not exceed 2m in order to meet the EMC standard.
- * If the LED power supply is used for purposes other than originally intended or it is connected in the wrong way, no liability can be taken over for possible damages.

Applications

- * An electronic protection circuit switches off the power supply in case of short circuit or overload in the secondary circuit, overheat as well as open circuit. After the removing of the faults, the LED power supply is resetting automatically for operation again.
- * The unit conforms to the directive 2014/30/EU for th electromagnetic compatibility and the low voltage directive 2014/35/EU.
- * Dimmable LED Power supply by Trailing or Leading Edge Dimmers.
- * It can be used for Triac dimming function.

Correct Disposal of this product

- * This marking indicates that this product should not be disposed wit other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

Specifications

AC220~240V / 50Hz/ PF > 0.9/Ta 45°C / Tc 85°C / IP20/ DF:0.99									NOTE: DIFFERENT DIMMERS HAVE DIFFERENT DIMMING RANGES.
Model No.	MAX. W	Output Voltage	Efficiency	Pno Load	Input Current	Rated Current	Dimming Mode	Dii Range	
ED-10067	0-30W	12V DC	85%	0.36W	< 0.2A	2.5A	Triac	20%-90%	
ED-10089	0-50W	24V DC	85%	0.40W	< 0.3A	2.08A	Triac	20%-90%	
ED-10098	0-30W	24V DC	85%	0.36W	< 0.2A	1.25A	Triac	20%-90%	
ED-10099	0-75W	24V DC	87%		0.5A	3.125A	Triac	1%-100%	
ED-10100	0-150W	24V DC	90%		1A	6.25A	Triac	1%-100%	
ED-10101	0-200W	24V DC	93%		< 1A	8.3A	Triac	10%-100%	
ED-10102	0-300W	24V DC	94%		< 1.5A	12.5A	Triac	10%-100%	

Installation

Before you begin

Turn off the power at the group where you are going to install the LED driver. Use a voltage detector or multimeter to check that there is no voltage left on the wiring. Determine the location of the LED driver and make sure it is well ventilated. Make sure to leave at least **5cm space around the driver** for heat dissipation (except at the bottom)

Step 1

Remove the caps from the LED driver by unscrewing the four screws with a crosshead screwdriver. Then remove the caps from the driver.

Step 2

Strip the cables if necessary (to about 6 mm). Connect the mains power supply (220-240VAC) to the primary side of the LED driver:

Neutral wire (N) → connect to the **N port**.

Brown wire (L) → connect to the **L port**.

Connect the LED load(s) to the secondary side of the LED driver:

Plus (+) output of the driver to the **plus (+) input** of the LED lamp(s).

Minus (-) output of the driver to the **minus (-) input** of the LED lamp(s).

Step 3

Check that the cables are tight and have no slack. Replace the caps on the driver and tighten the four screws securely.

Step 4

Mount the LED driver in the desired location, making sure there is **at least 5 cm of space around the driver** for heat dissipation.

Turn the power back on and check that the LED bulbs are functioning correctly.

