Triac Dimmable Driver

A tti COMPANY

30/60/75/90/100/150/200/300/360W Series Constant Voltage

TURN OFF HIGH VOLTAGE POWER AT CIRCUIT BREAKER

WARNING Read warnings carefully and follow all installation instructions.

- Please check the product before installation;
  Do not install the product if it is founded broken;
- The product must be installed by a qualified electrical installer;
- In order to avoid the damage of the product, keep the accessory to the place away from children;
- Protect the lifespan of this product by installing drivers in well-ventilated area and free of excessive heat and gases.

QUICK SPEC

Input	Output Type	Dimming Capacity	Dimming Type	Loading Capaclty
200-240VAC	Constant Voltage	0-100%	TRIAC Dimming	10-100%

INCLUDE MODELS

ELED-30P-12T/ELED-30P-24T



ELED-60P-12T/ELED-60P-24T



ELED-75P-12T/ELED-75P-24T
ELED-90P-12T/ELED-90P-24T



ELED-100P-12T/ELED-100P-24T
ELED-100P-48T



ELED-150P-12T/ELED-150P-24T
ELED-200P-12T/ELED-200P-24T
ELED -200P-48T

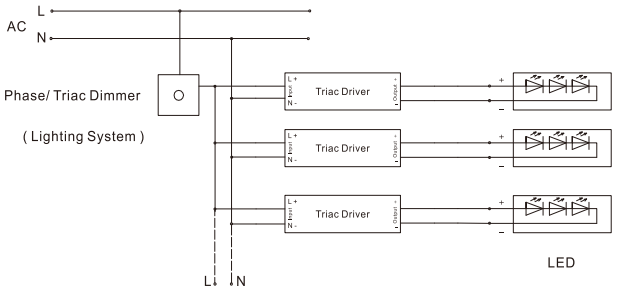


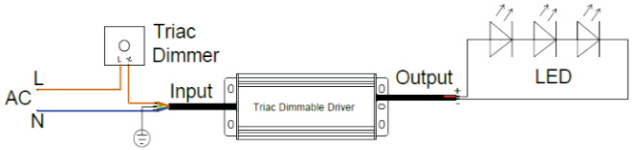
ELED-300P-12T/ELED-300P-24T
ELED-360P-12T/ELED-360P-24T
ELED-360P-48T



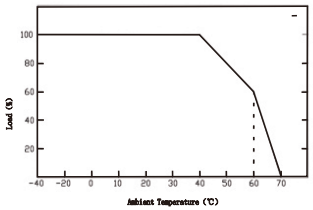
Model	Output Power Max.	Size (mm)	N.W. (kg)	Output Voltage	Output Current	Power Factor	Efficiency Full Load	IP	certification
ELED-30P-12T	30W	155*54*20	0.20	12V	2.5A	λ: 0.97	79%	IP20	CE RoHS EN 15
ELED-30P-24T				24V	1.25A	λ: 0.97	79%		
ELED-60P-12T	60W	178*61*24	0.35	12V	5A	λ: 0.98	85%	IP20	
ELED-60P-24T				24V	2.5A	λ: 0.98	85%		
ELED-75P-12T	75W	180*60*35	0.50	12V	6.25A	λ: 0.98	85%	IP20	
ELED-75P-24T				24V	3.13A	λ: 0.98	85%		
ELED-90P-12T	90W			12V	7.5A	λ: 0.98	86%		
ELED-90P-24T				24V	3.75A	λ: 0.98	86%		
ELED-100P-12T	100W	230*70*43	1.05	12V	8.34A	λ: 0.97	83%	IP66	CE RoHS
ELED-100P-24T				24V	4.17A	λ: 0.97	84%		
ELED -100P-48T				48V	2.08A	λ: 0.97	85%		
ELED-150P-12T	150W	256*78*47	1.45	12V	12.5A	λ: 0.97	86%		
ELED-150P-24T				24V	6.25A	λ: 0.97	86%		
ELED-200P-12T	200W			12V	16.67A	λ: 0.97	86%		
ELED-200P-24T				24V	8.34A	λ: 0.97	87%		
ELED-200P-48T				48V	4.17A	λ: 0.97	87%		
ELED-300P-12T	300W	276*78*47	1.63	12V	25A	λ: 0.97	88%		
ELED-300P-24T				24V	12.5A	λ: 0.97	89%		
ELED-360P-12T	360W			12V	30A	λ: 0.97	87%		
ELED-360P-24T				24V	15A	λ: 0.97	89%		
ELED-360P-48T				48V	7.5A	λ: 0.97	87%		

WIRE DIAGRAM





Derating curve



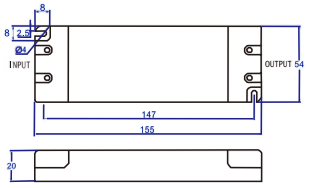
Any questions, please feel free to contact us or visit our website www.ecopacpower.co.uk for more info.

Triac Dimmable Driver

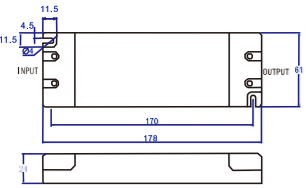
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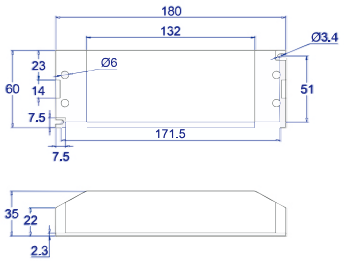
Mechanical Specificastions



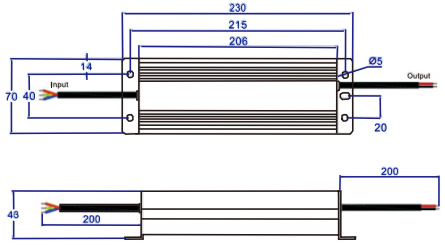
30W Model



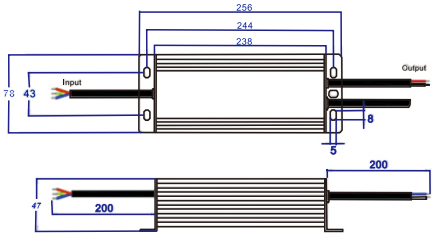
60W Model



75W/90W Model

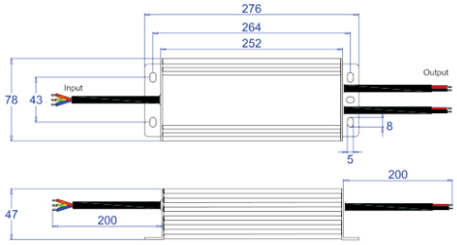


100W/120W Model



150W/200W Model

(12V is two output line 24V is one output line)



300W/360W Model

(12V is two output line 24V is one output line)

Operation Guide

- Indoor: Input (L) and (N) with wire to be connected with AC; output terminal to be connected LED + and LED -;
  Outdoor: Input Brown and Blue is connected to AC L and N; Output Black (-) and Red (+)is connected to LED (-) and (+);
  Green wire is for ground lead.
- Please use a dimmer with the power at least 2 times the output power of the driver;
  if you use one dimmer to connect a few drivers, the powerrating of the dimmer should be 2 times the total power of the drivers.
- These driver could be matched with leading and trailing edge dimmer both.

Instruction

- This driver should be installed by qualified and professional person
- please make sure the transformer is installed with adequate ventilation around it to allow for heat dissipation
- ensure that wiring is correct test in order to avoid light and power supply damage
- If driver doesn't work normally, don't maintain privately; Have any questions, please contact **Ecopac**

Any questions, please feel free to contact us or visit our website www.ecopacpower.co.uk for more info.