

LED Power & Control

You have your LED lights, now you need the LED Drivers to power them!

PowerLED offer a range of LED power supplies, for both indoor and outdoor installations, to suit your requirements. LED drivers are power supplies, but with a difference; they offer some of the same features as a standard power supply, such as power factor correction, high efficiency, compact size and isolated or non-isolated design, but they have their own unique advantages too.



Product Features

- ★ Constant Current & Constant Voltage options
- ★ Choice of IP Ratings for indoor, outdoor and harsh environment applications
- ★ Built in 1-10Vdc, PWM signal, resistive, triac & DALI dimming options available
- ★ EN61347-1, EN61347-2-13, EN55015, EN61000-3-2, EN61000-3-3, EN61547, UL8750
- ★ Captive terminal screw or cable connections
- ★ Cooling by free air convection
- ★ Long life and high reliability



0845 533 0495

www.powerled.uk.com

Power★LED®

LED Power & Control - Constant Voltage Triac Drivers

PCV20TD - 20W Constant Voltage Triac Driver

Part Code	PCV2420TD
Dimming Function	Phase/mains dimmable
Input Voltage	180 ~ 240VAC
Input Frequency	50/60Hz
Power Factor	0.95
Power	20W
Voltage	24Vdc
Current Range	0 ~ 0.8A
Efficiency	80%
Connections	Screw terminal on I/P & O/P
Weight	105g
Dimensions	108 x 42 x 23mm

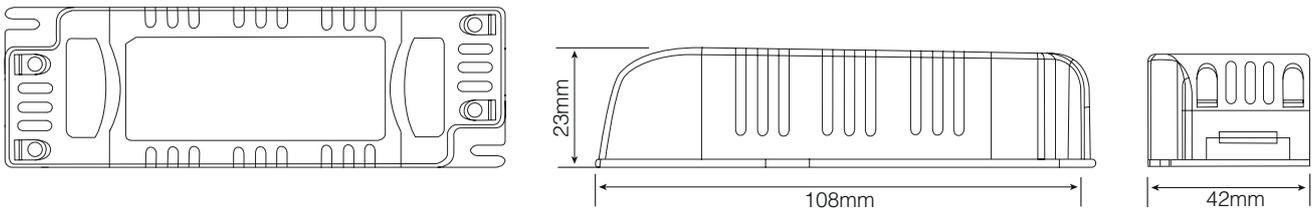


PCV30TD - 30W Constant Voltage Triac Driver

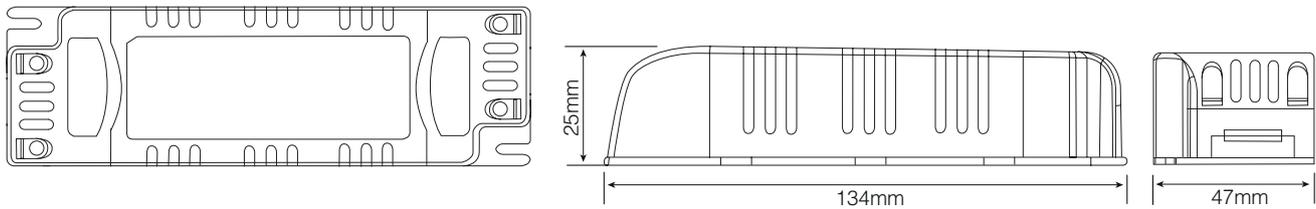
Part Code	PCV1230TD	PCV2430TD
Dimming Function	Phase/mains dimmable	
Input Voltage	180 ~ 240VAC	180 ~ 240VAC
Input Frequency	50/60Hz	50/60Hz
Power Factor	0.95	0.95
Power	24W	28.8W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 2A	0 ~ 1.2A
Efficiency	80%	80%
Connections	Screw terminal on I/P & O/P	
Weight	118g	
Dimensions	134 x 47 x 25mm	



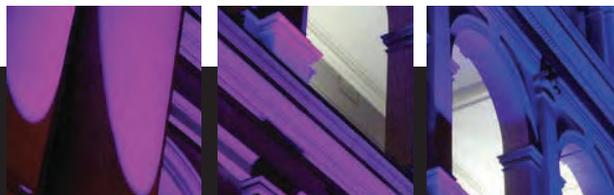
PCV20TD Constant Voltage Triac Dimmer



PCV30TD Constant Voltage Triac Dimmer



60% ~ 100% load to ensure smooth and stable dimming.



PCV45TD - 45W Constant Voltage Triac Drivers

Part Code	PCV1245TD	PCV2445TD
Dimming Function	Phase/mains dimmable	
Input Voltage	180 ~ 240VAC	180 ~ 240VAC
Input Frequency	50/60Hz	50/60Hz
Power Factor	0.95	0.95
Power	36W	43.2W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 3A	0 ~ 1.8A
Efficiency	80%	80%
Connections	Screw terminal on I/P & O/P	
Weight	225g	
Dimensions	170 x 50 x 31mm	

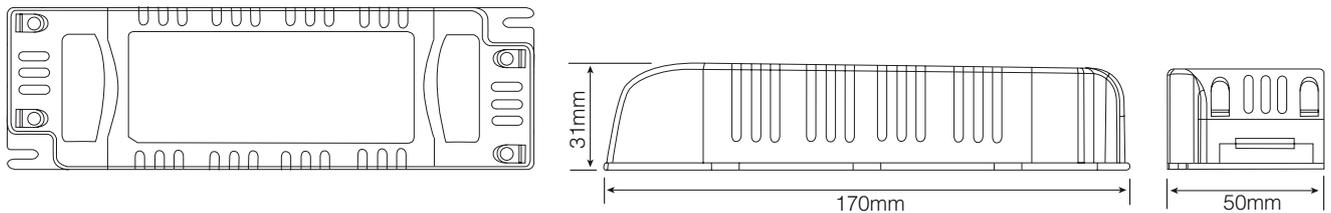


PCV60TD - 60W Constant Voltage Triac Drivers

Part Code	PCV1260TD	PCV2460TD
Dimming Function	Phase/mains dimmable	
Input Voltage	180 ~ 240VAC	180 ~ 240VAC
Input Frequency	50/60Hz	50/60Hz
Power Factor	0.95	0.95
Power	48W	60W
Voltage	12Vdc	24Vdc
Current Range	0 ~ 4A	0 ~ 2.5A
Efficiency	80%	80%
Connections	Screw terminal on I/P & O/P	
Weight	225g	
Dimensions	170 x 50 x 31mm	



PCV45TD & PCV60TD Constant Voltage Triac Dimmers

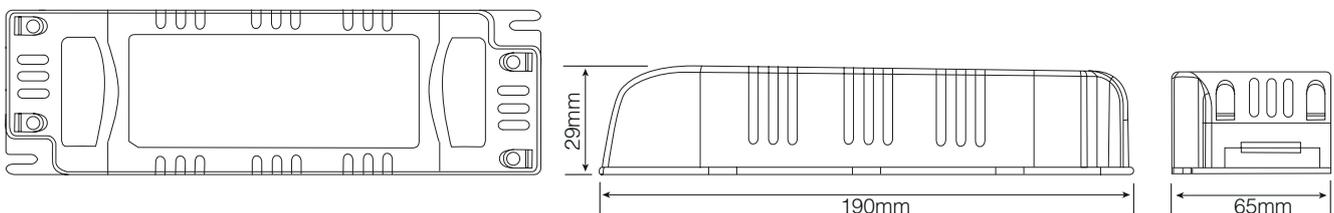


PCV80TD - 80W Constant Voltage Triac Drivers

Part Code	PCV1280TD	PCV2480TD
Dimming Function	Phase/mains dimmable	
Input Voltage	180 ~ 240VAC	180 ~ 240VAC
Input Frequency	50/60Hz	50/60Hz
Power Factor	0.95	0.95
Power	66W	80W
Voltage	12Vdc	24Vdc
Current Range	5.5A	0 ~ 3.3A
Efficiency	80%	80%
Connections	Screw terminal on I/P & O/P	
Weight	503g	
Dimensions	190 x 65 x 29mm	



PCV80TD Constant Voltage Triac Dimmer



60% ~ 100% load to ensure smooth and stable dimming.