

100W Triac Dimmable LED Driver

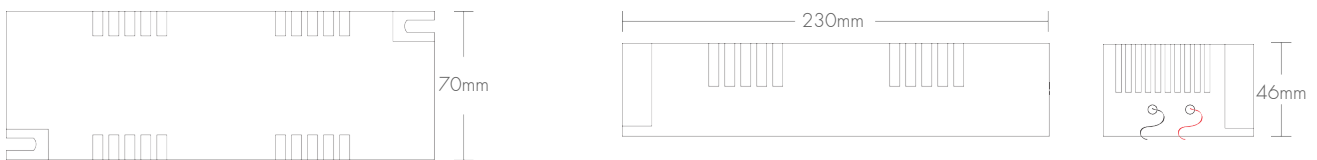
Constant Voltage: Trailing & Leading Edge Dimming

The Teucer LED 100 watts dimmable constant voltage LED driver enables you to dim your LED strip via leading/trailing edge dimmers.

Please ensure a minimum 10% (10w) load to achieve optimum dimming of 5 - 100%.

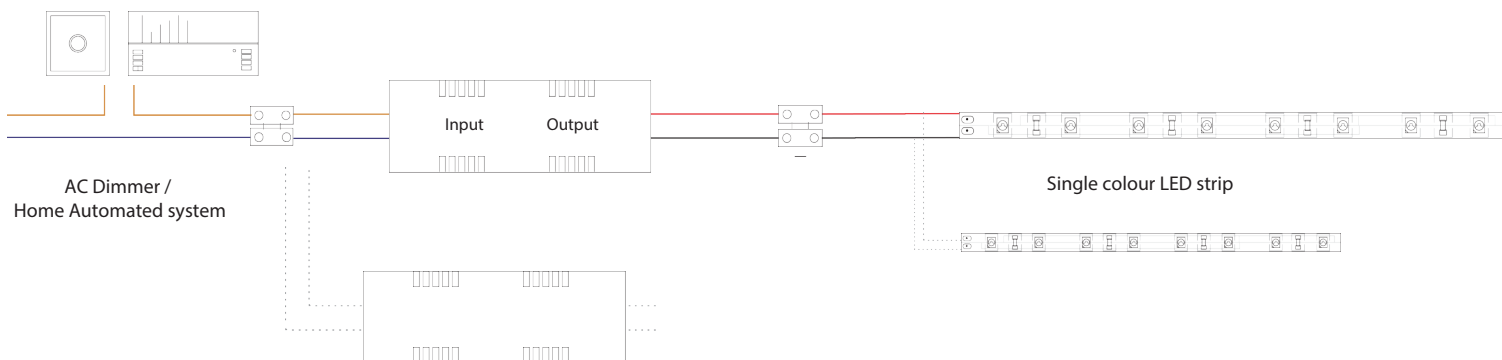


Product Size



Weight: 1.3kg

Technical Specification



ORDER CODE	Wattage	Dimming Pattern	Output Voltage	IP Rating
LDD-IP100/24	100 watts	PFM Dimming	24vDC	IP66 waterproof

Technical Specification

DC Voltage	24V
Voltage Tolerance	±0.5V
Rated Current	4.16A
Rated Power	100W
Voltage range	180~240V AC
Frequency Range	47 ~ 63 Hz
Power Factor (Typ)	PF 0.6/220V
Efficiency (Typ)	86%
AC Current (Typ)	0.88A
Inrush Current	40A
Short Circuit	Recovers automatically after fault condition is removed
Over loading	≤120%
Working Temp	-40~+60°C
Working Humidity	20~90%RH, non-condensing
Storage Temp; Humidity	-40~+80°C, 10~95%RH
Safety Standards	EN61347-1 EN61347-2-13
Withstand Voltage	I/P-O/P: 3.75KVAC
Isolation Resistance	I/P-O/P: 100MΩ/500VDC/25°C/70%RH
EMC Emission	EN55015, EN61000-3-2,3 (≥50%Load)
EMC Immunity	EN61000-4-2,3,4,5,6,11 (Surge 4KV)

Dimmer Compatibility Chart

	Brand Name	Model
Dimmers	VARILIGHT	JQP401W Varilight V-Pro
	VARILIGHT	HQ1W Varilight V-Dim
	LUTRON MEASTRO IR®	MIR-600M
	LUTRON RadioRA 2	RRD-6D
	LUTRONL	SHK241
	BTICINO	L-N-NT4411N
		32E450TM
		32E450L-T
		C2032E450L-T
	CLIPSAL	SC2032E450L-T
		SL2032E450L-T
		P2032E450LM-TM
		P2032E450L-T
		1920E450L
	Philips	630W triac dimmer Q72-M11
	LUTRONL	DVLV-600P
	LUTRONL	SKYLARK-SLV-600P
	Jung	266GDE
	Busch-Jaeger	2250U
	Berker schalter and systeme	2875
Gira	30200	
Danlers	DSSGDMK400W	
	DGDGDMK400W	

Lighting Systems	Lutron Grafik Eye 3000 Series
	Lutron Grafik Eye B&Q Series
	Lutron Grafik Eye 4000 Series
	Lutron Grafik eye QS Control Unit
	C-BUS Sereis
	Crestron
	Dynalite
	Rako

Suitable with most leading & trailing edge dimmers.

Suitable with most lighting systems using leading & trailing edge dimming.