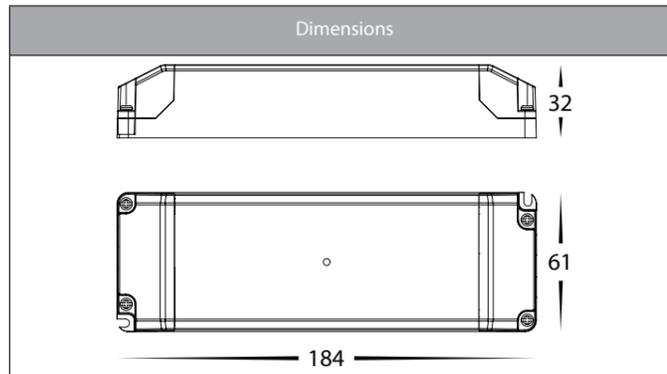
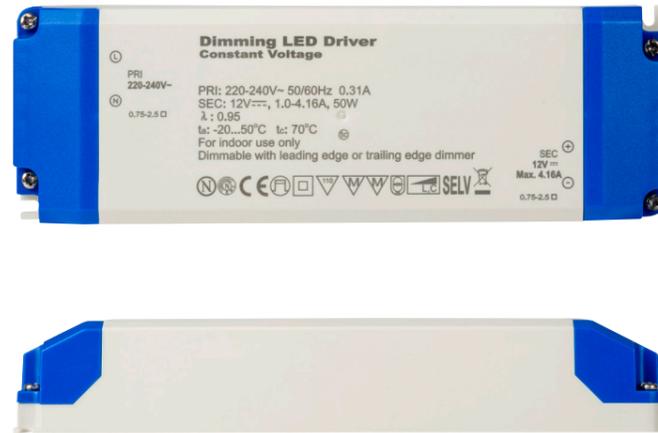


50w Triac Dimmable Constant Voltage IP20 LED Driver

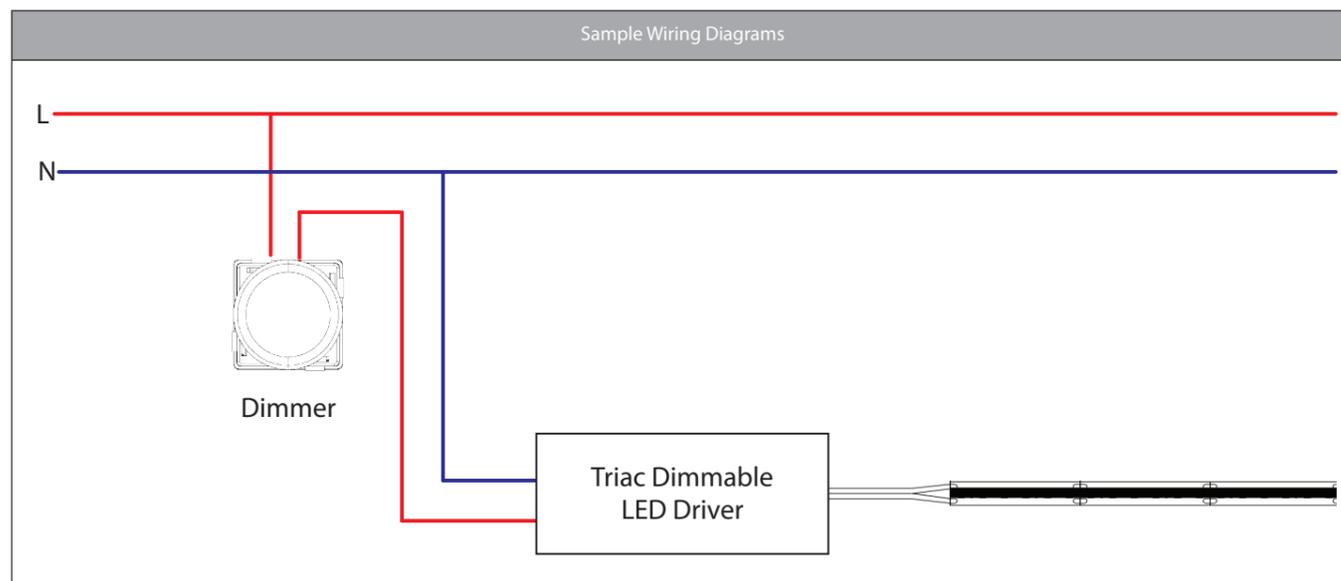
Product Specifications

Material	Plastic
Colour	White + Blue
IP Rating	IP20
Input Voltage	100 - 240v AC
Output Voltage	Available in either 12v DC or 24v DC
Max Wattage	50w
Recommended Max Wattage	40w
Protection Class	Class 2 (No Earth Required)
Dimming Methods	Triac
Dimming Range	5% - 100%
Protections	Short Circuit, Overload, Over Temperature.
Warranty	3 Years Replacement*



Product Ordering

Part Number	Output Voltage	Barcode
HV9668-12V50W	12v DC Constant Voltage	9350418027917
HV9668-24V50W	24v DC Constant Voltage	9350418027924



Part Number		HV9668-12V50W	HV9668-24V50W
Output	DC Voltage	12v DC	24v DC
	Voltage Tolerance	± 0.2V	
	Rated Current	4.16A	2.08A
	Rated Power	50W	
	Load Regulation	± 1%	
Input	Standby Power Consumption	≤ 0.5W	≤ 0.5W
	Voltage Range	220 - 240V AC	
	Frequency Range	47 - 63Hz	
	Power Factor (TYP.) @ Full Load	PF≥0.95 @ 230V AC	
	THD(Typ.) @ Full Load	≤ 15% @ 230V AC	
	Efficiency(Typ.)@ Full Load	88% @ 230V AC	
	AC Current (Max)	0.8A	0.8A
	Inrush Current (TYP)	45A, 175us@50% Ipeak (230V AC)	
	Leakage Current	.05mA	
	Protections	Short Circuit	Hiccup mode, Recover automatically after fault condition is removed
Overload		≤120%, Hiccup mode, Recover automatically after fault condition is removed	
Over Temperature		Ambient Temperature Over 55°C ± 10°C, Output will turn off and recovers automatically after temperature drops.	
Environment	Working Temp.	-40°-+60°C	
	Working Humidity	20-90%RH, Non Condensing	
	Storage TEMP. Humidity	-40 - +80°C, 10 - 95% RH	
	TEMP. Coefficient	≤0.03%/°c (0-50°c)	
	Vibration	10-500hZ, 2g 10min./1 Cycle, Period for 60min, each along X,Y,Z axes	
Safety & EMC	Safety Standards	EN61347-1	
	Isolation Resistance	I/P-O/P I/P-FG O/P-FG:100MΩ/500VDC/25°C/70%RH	
	EMC Emission	EN55015 EN61000-3-2 EN61000-3-3 (EU)≥50% Load & FCC Part 15 B (US)	
	EMC Immunity	EN61000-4-2,3,4,5,6,11 EN61547	
Others	Weight	240g	

*Items ordered after 01-01-2022

