

UVC50TD Series

50W IP44 CONSTANT VOLTAGE TRIAC DIMMING LED DRIVERS



Key Features:

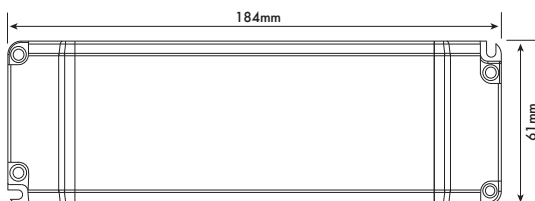
- Constant voltage output
- Fully isolated
- Short circuit, over current and over voltage protection up to 80% efficient
- Fire resistant plastic cover
- Compatible with leading and trailing edge dimmers
- 20 ~ 100% Dimming Load and Dimming range
- Mains dimmable
- Screw terminals
- IP44 design for indoor use
- 2 years warranty

UVC50TD SPECIFICATION

Part Code	UVC1250TD	UVC2450TD
Voltage	220V ~ 240VAC	220V ~ 240VAC
Frequency	50-60 Hz	50-60 Hz
Current	0.4A	0.4A
Inrush Current	<2.5A	<2.5A
Power Factor	0.95	0.95
Load Voltage	12V	24V
No Load Voltage	12V	24V
Current	4.16A	2.08A
Power	50W	50W
Power Factor	>0.95	>0.95
Efficiency (TYP.)	>80%	>80%
Over Load	Auto-recovery	
Short Circuit	Auto-recovery	
Over Voltage	Auto-recovery	
Operating Temperature	-20 ~ +50 °C	
Storage Temperature	-40 ~ +70 °C	
Relative Humidity	5 ~ 95%	
Safety Standard	Design refers to EN60598, EN61547, EN55024, EN61000-4-2, 3, 4, 6, 8,11, EN61000-3-2, EN61000-3-3	
EMI Standard	Meets Emissions to EN55022, EN55015 Class B	
Lifetime	50K hrs at TC max (85 °C)	
Connections	Screw terminal on I/P & O/P	Screw terminal on I/P & O/P
Weight	200g	200g
Dimensions	184 x 61 x 32 mm	184 x 61 x 32 mm



Mechanical



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