

TRIAC CONSTANT VOLTAGE DRIVER

12 VOLT | 20 WATT

Item number: ZIHTDRCV/12W12V



Description	Triac Constant Voltage Driver
Product Code	ZIHTDRCV/12W12V
Dimmable	Yes (leading & trailing edge)
Warranty	5 years
Lifetime	50,000 hrs at TC max

TECHNICAL SPECIFICATION

Input Voltage	180-240V/AC
Input Current	0.2A max
AC Frequency	48-62Hz
Output Mode	Constant Voltage
Output Current	1000mA 500mA
On Load Voltage	12V
No Load Voltage	12V
Output Power	20W Max
Power factor	>0.95
Efficiency	>80%
Operating temperature	-30~45°C
Storage temperature	-40~+70°C

ENVIRONMENTAL SPECIFICATIONS

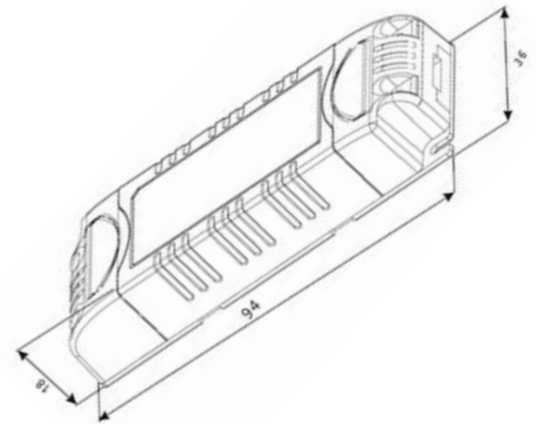
Thermal Dissipation	Nature
Relative Humidity	5~95%
Isolation Voltage	In/Out 3000VAC
Vibration	5-55Hz/2g, 30 minutes

CONFORMITY & STANDARDS

EMI	EN55022 EN55015 Class B
Safety	EN60598
Electromagnetic Immunity	EN61547, ENV5024, EN61000-4-2/3/4/6/8/11
Harmonic	EN61000-3-2
Current Emissions	EN61000-3-3

Fireproof environmental protection PC plastic cover

Dimensions	94*36*18mm
Weight	80g



EAN13 CODES

ZIHTDRCV/12W12V 5060537721378

ITF14 CODES

ZIHTDRCV/12W12V 15060537721375

Our lamps as well as the technologies behind them are subject to continuous improvements. All specification is subject to change without notice. Please refer to our website for the most up to date information.

Brand	Lamps tested	Dimmers Tested	Overall compatibility	Comments
	GLS A60 6W GOLFBALL G45 4W	- GP Panel - NGRX Interface - Homeworks QS Inline Dimmer - myRoom DIN-rail Power Module (Phase Adaptive) - RA2 Select In-Line Dimmer	Excellent	See Test Report
	GLS A60 6W CANDLE C35 4W G9 3W	Full Range	Excellent	Excellent on both leading and trailing edge
	CANDLE C35 4W PIGMY ST26 1W GLS A60 6W G9 3W	Full Range	Very good	All lamps performed well without any issues. There were no current spikes, so, all are compatible with all of our dimmers
	CANDLE C35 4W PIGMY ST26 1W GLS A60 6W G9 3W	- V-PRO MJP120 - V-PRO MJP300 - V-PRO IR - V-PRO MULTI-POINT - V-COM 100 - V-COM 180	Excellent	Excellent compatibility rating when driven in the recommended quantities. All lamps dimmed in a smooth, progressive fashion without flickering, over an extensive brightness range. The lamps extinguish fully when in the "off state" of our remote capable dimmers
	GLS A60 6W GOLFBALL G45 4W	Full Range	Very Good / Excellent	This lamp performed very well with all dimmers with very few areas of criticism. No static flicker was observed at any output level although a slight shimmer while fading was observed with all dimmers except the WMT. While the profile was generally smooth and continuous there was a slight step around the minimum output level. Smoothness of Dimming Minimum brightness from off: <1% Minimum brightness from max: <1% Audible Noise: No audible noise when tested with any recommended dimmer.
	GLS A60 6W GOLFBALL G45 4W	Full Range		Very good
	GLS A60 6W GLS A60 10W GOLFBALL G45 4W GU10 6W	Full Range	Very good	All the bulbs tested dim very well