

Constant Current Triac Dimmable LED Driver

Product Specification Sheet

www.lucevita.in

LVT 30/220-240/700 LG CH

General Benefits

Triac Dimmable LED Driver
Adjustable constant current via
Dip-Switch
Smooth dimming Light Output
10% - 100% Dimming Range
Life - 50,000 Hrs
3 Years Warranty



Application

Down Lights
Spot Light

Approvals



Lucevita LED Power supply are with high reliability in compact housing having best surge protection, THD, Ripple Current in the industry.

Drivers generally used in Panel & Spot light application luminaires for residential, retail and Office space lighting

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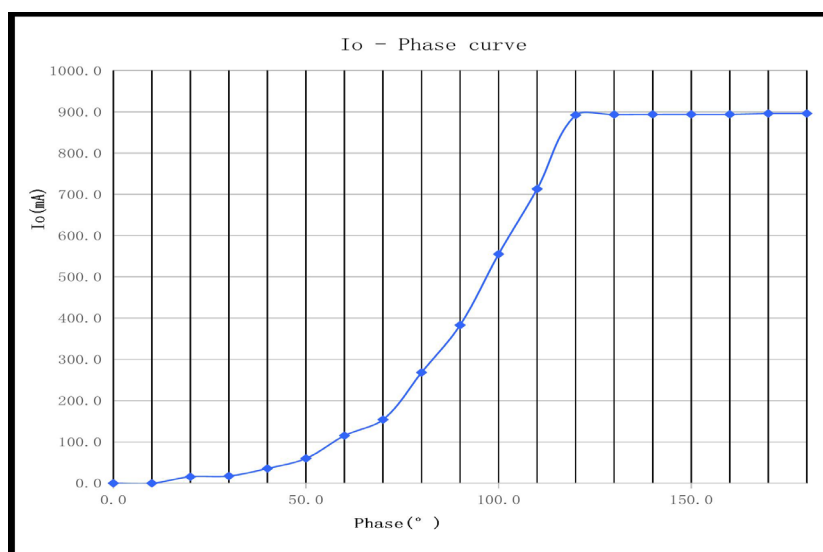
Parameters

Category	Item	Technical Norm
Features	Output Type	Constant Current
	Dimming Type	Phase Cut Dimming
	Dimming Range	10%-100%
	IP Grade	IP20
	Insulation Class	Class II
Input	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
	Input Current	≤0.16A (230VAC, full load)
	Input Power	≤36W (230VAC, full load)
	Power Factor	≥0.92 (230VAC, full load)
	THD	≤20% (230VAC, full load)
Output	No-load Power	≤1W
	Output Voltage Range	26-42VDC
	No Load Voltage	55VDC Max
	Output Current	500/550/600/700mA
	Full load output power	29.4W
	Efficiency	≥84 %
	Current Ripple (< 120 Hz)	±5% (Imax-Imin) / (Imax+Imin)
	Current Accuracy	±5%
	PSTLM	≤1
Protection	SVM	≤0.4
	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
	No-load Protection	Auto Recovery
Environment	Insulation voltage	I/P to O/P, 3.75KVAC/1min
	Ta/Operation Temperature	-20....+45° C
	Ts/Storage Temperature	-40....+85° C
	Tc/Enclosure Temperature	85° C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
Construction	Connection Method	Push-in Terminal
	Installation	Independent & Built-in
	PRI Wire preparation	0.75-1.5 / 8-9mm
	SEC Wire preparation	0.5-1.5 / 8-9mm
	Dimension	98*44*30mm (L*W*H)
Standard	Certification	Complied to CE/ENEC/SAA
	Safety Standards	EN61347-1:2015/A1:2021; EN61347-2-13:2014/A1:2017; EN62384:2006/A1:2009; AS 61347.2.13:2018; AS/NZS61347.1:2016; INC A1
	EMC Standards	EN IEC55015:2019, EN IEC55015:2019/A11:2019 EN IEC61000-3-2:2019, EN 61000-3-3:2013/A1:2019, EN61547:2009
	Performance	EN 62384
	Surge	L/N/1KV
	RoHS	Complied to 2011/65/EU
Others	Life Time	50000h Tc=85° C
	Warranty	3years, F.R. <10000ppm
	Noise	≤28 dB @ background noise ≤18 dB

Trailing Edge Dimmer list

Manufacturer	Model	Qty of Parallel Connection
ABB	6519 U	12
ABB	6526 U	13
JUNG	1224 LED UDE	11
Berker	2861	12
JUNG	254 UDIE 1	13
JUNG	225 TDE	13
EGANT	U321V2	12
Schneider	SBD200LED	13
Schneider	SBD315RC	12
Berker	2874	13
Eetako	EUD61NP-230V	12
Eetako	DTD55L-230Vwg	5
GIRA	Universal-LED-Dimmer Mini2440 00	10
EHMANN	LED-Dimmer T46.08	10
JUNG	DrehDimmer Universal LED1731DD	10

Dimming curve



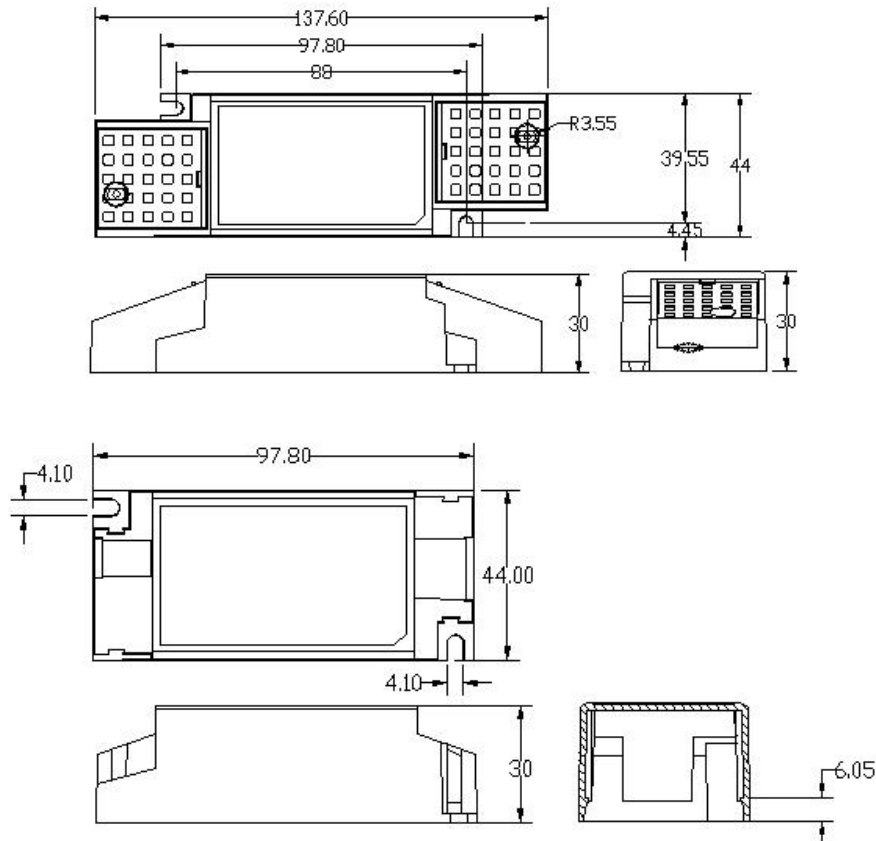
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Dimension (Unit : mm)



Remarks

1. All Parameters, if not specified, are measured at 230VAC/50Hz and 25°C ambient temperature.
2. LED Driver is a component of the luminaires, Luminaires and wire layout will affect the EMC, please check the EMC with end products again.
3. Warranty Mentioned is a limited warranty only to the original purchaser or to the first user @ Tc max from the date of manufacturing when properly installed and operated under normal conditions of use.
4. Please refer our website for details warranty conditions.
5. For further details, kindly refer our website. www.lucevita.in, or email info@lucevita.in.