

LVT 40/220-240/1050 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

Constant Current Triac Dimmable LED Driver

Product Specification Sheet

www.lucevita.in

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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	≤0.24A (230VAC, full load)
	Input Power	≤48W (230VAC, full load)
	Power Factor	≥0.92 (230VAC, full load)
	THD	≤20% (230VAC, full load)
Output	No-load Power	≤0.5W
	Output Voltage Range	27-38VDC
	No Load Voltage	55VDC Max
	Output Current	700/800/950/1050mA
	Full load output power	39.9W
	Efficiency	≥86 %
	Current Ripple (< 120 Hz)	±5% (Imax-Imin) / (Imax+Imin)
Protection	Current Accuracy	±5%
	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	-25.....+45° C
	Ts/Storage Temperature	-50.....+85° C
	Tc/Enclosure Temperature	85° C
	Humidity	10%....90%RH
Construction	Atmosphere	86-108KPa
	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
Standard	Dimension	132.5*44*30mm (L*W*H)
	Certification	Complied to CE/ENEC/SAA
	Safety Standards	EN61347-1:2015, EN61347-2-13:2014/A1:2017
		EN62493:2015, AS/NZS IEC61347.2.13:2013,
		AS/NZS 61347.1:2016
Others	EMC Standards	EN55015:2013/A1:2015, EN61000-3-2:2014,
		EN61000-3-3:2013, EN61547:2009
	Performance	EN 62384
	Surge	L/N/1KV
	RoHS	Complied to 2011/65/EU
	Life Time	50000h Tc=85° C
	Warranty	3years, F.R. <10000ppm

Trailing Edge Dimmer list

Manufacturer	Model	Qty of parallel connection
ABB	6519U	8
ABB	6526U	8
JUNG	1224LEDUDE	9
Berker	2861	7
JUNG	254UDIE1	7
JUNG	225TDE	8
EGANT	U321V2	7
Schneider	SBD200LED	8
Schneider	SBD315RC	7
Merten	SBD200LED	8
Berker	2874	7
Eltako	EUD61NPL-230V	7
Eltako	EUD12NPN-UC	9
Eltako	EUD12D-UC	8
Eltako	EUD61NP-230V	7
Eltako	DTD55-230V-wg	9
Eltako	DTD55L-230V-wg	7
GIRA	Universal-LED-DimmerMini244000	7
EHMANN	LED-DimmerT46.08	7
JUNG	DrehDimmerUnlversalLED1731DD	8

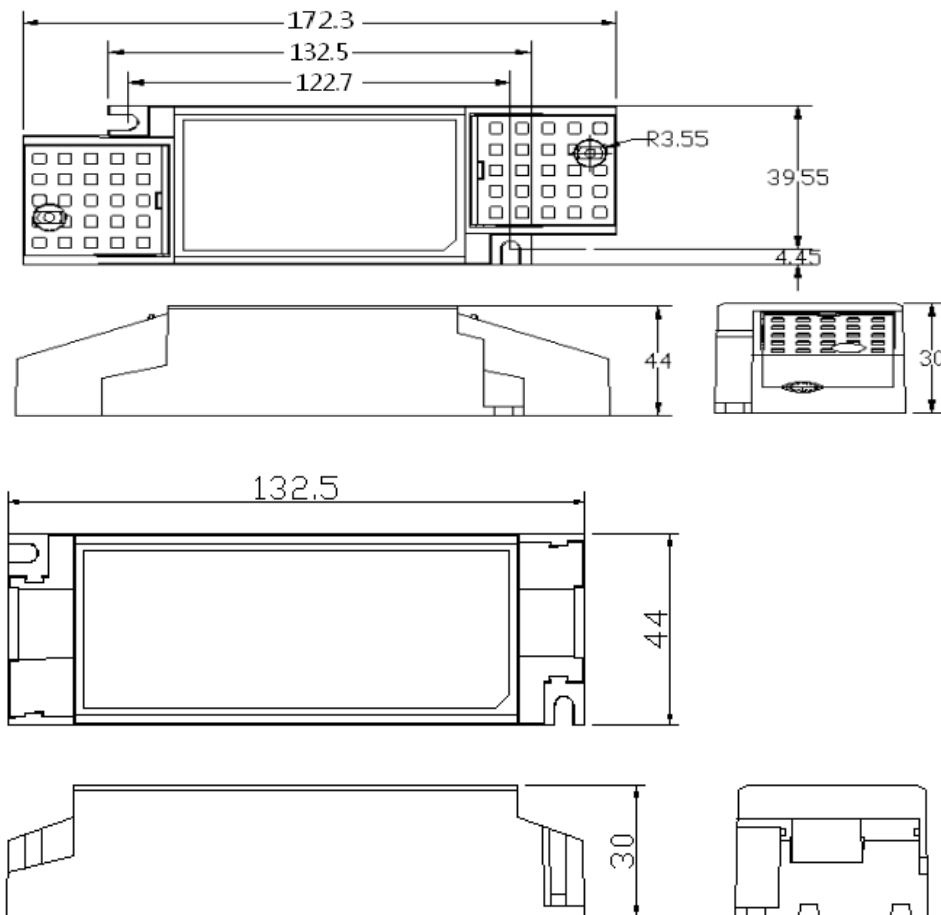
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Dimension (Unit : mm)



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.