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## 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

# Constant Current Triac Dimmable LED Driver

## Product Specification Sheet

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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
Input	Insulation Class	Class II
	Rated Input Voltage	220-240VAC
	Range of Input Voltage	198-264VAC
	Frequency	50/60Hz
Output	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)
Protection	No-load Power	≤1W
	Output Voltage Range	26-42VDC
	No Load Voltage	55VDC Max
	Output Current	500/550/600/700mA
Environment	Full load output power	29.4W
	Efficiency	≥84 %
	Current Ripple (< 120 Hz)	±5% (I <sub>max</sub> -I <sub>min</sub> ) / (I <sub>max</sub> +I <sub>min</sub> )
	Current Accuracy	±5%
Construction	PSTLM	≤1
	SVM	≤0.4
	Short Circuit Protection	Auto Recovery
	Overload Protection	Auto Recovery
Standard	No-load Protection	Auto Recovery
	Insulation voltage	I/P to O/P, 3.75KVAC/1min
	T <sub>a</sub> /Operation Temperature	-20....+45° C
	T <sub>s</sub> /Storage Temperature	-40....+85° C
Others	T <sub>c</sub> /Enclosure Temperature	85° C
	Humidity	10%....90%RH
	Atmosphere	86-108KPa
	Connection Method	Push-in Terminal
Construction	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
Others	Surge	L/N/1KV
	RoHS	Complied to 2011/65/EU
	Life Time	50000h T <sub>c</sub> =85° C
	Warranty	3years, F.R. <10000ppm
Standard	Noise	<=28 dB @ background noise <=18 dB

# Constant Current Triac Dimmable LED Driver

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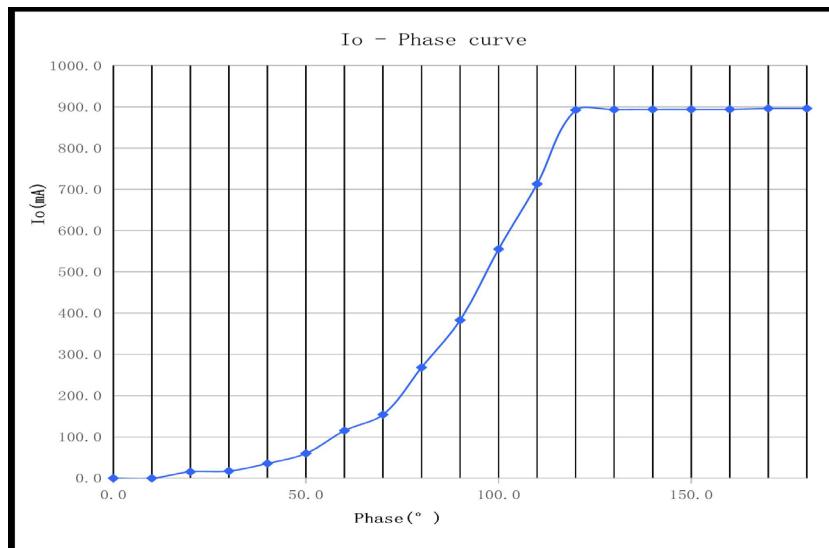
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### Trailing Edge Dimmer list

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



# Constant Current Triac Dimmable LED Driver

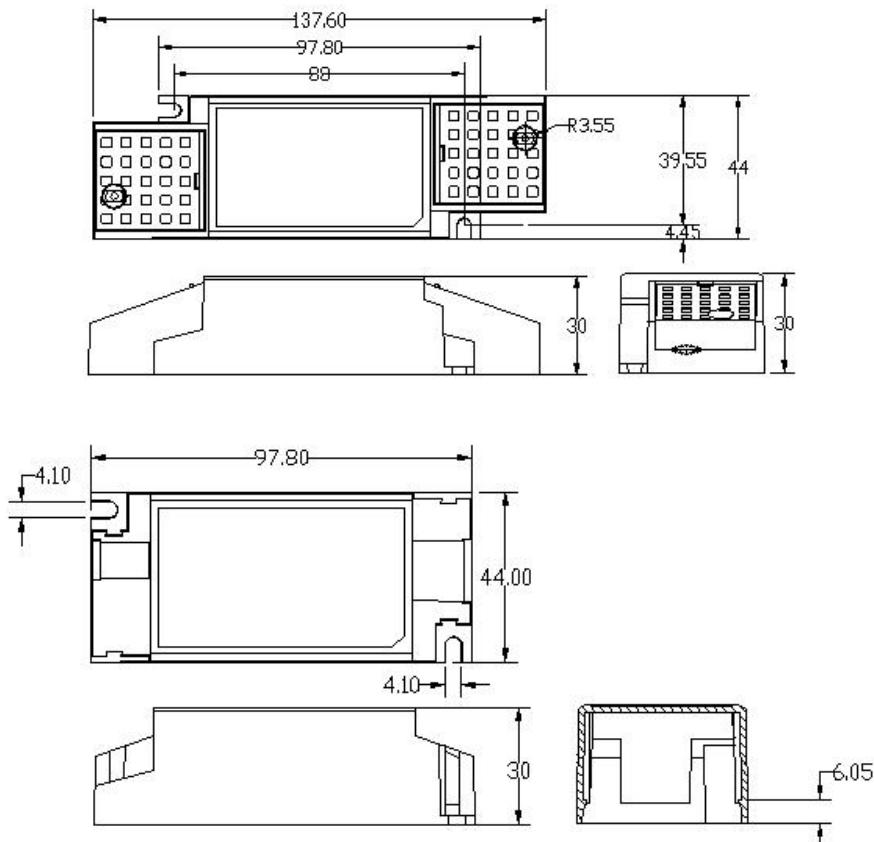
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Dimension (Unit : mm)



#### 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](http://www.lucevita.in), or email [info@lucevita.in](mailto:info@lucevita.in).