



# Lumiblade OLED Driver – Mains Voltage

## Driver D230V 80W/0.1-0.5A/28V TD/A 8CH

Enabling future-proof OLED technology. This driver detects the power and voltage needs of the attached OLED panel and drives it accordingly. It is designed for the current range of Lumiblade OLEDs and makes life much easier for customers as one driver fits many different OLEDs. Customers can wire this driver to the most common mains voltages and drive up to eight OLEDs simultaneously.

### Product data

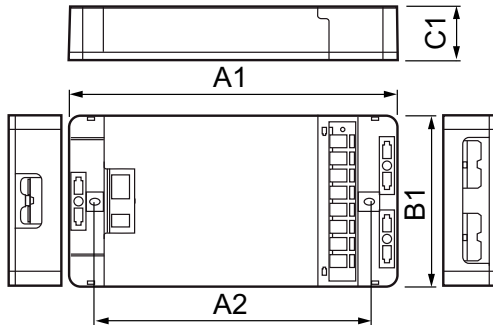
General Information		Input power (nom.)	
Number of products on MCB (16 A type B) (max.)	19	Input power (nom.)	91 W
Operating and Electrical		Inrush current peak (max.)	7 A
Input frequency	50 or 60 Hz	Output power (nom.)	10-20 W
Total harmonic distortion IEC (max.)	20 %	Inrush current width to 50% of peak	900 µs
12 V output	No	Wiring	
Output current ripple (nom.)	30 %	Connector type input terminals	Wago 250
Maximum efficiency	85-85 %	Hot-wiring	Yes
Power factor 100% load (min.)	0.9	Connector type output terminals	Wago 250
Output current (nom.)	100-500 mA	Temperature	
Output current tolerance (max.)	5 %	T ambient (max.)	50 °C
Output current tolerance (min.)	-5 %	T ambient (min.)	-20 °C
Input voltage (AC)	120-277 V	T storage (max.)	85 °C
Earth leakage current (max.)	0.7 mA	T storage (min.)	-25 °C
Input current (max.)	450 mA	T case lifetime (nom.)	50 °C

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T-Case maximum (max.)	85 °C
<b>Controls and Dimming</b>	
Control interface	DALI
Dimming range	100-0 %
<b>Mechanical and Housing</b>	
Housing	L227x118.5x36.5
<b>Approval and Application</b>	
Relative humidity (operation) (min.)	10 %
Relative humidity (operation) (nom.)	40 %
IP classification	20
Isolation classification	SELV

<b>Product Data</b>	
Full product code	872790037921130
Order product name	Driver D230V 80W/0.1-0.5/1A/28V TD/A 8CH
EAN/UPC – product	8727900379211
Order code	37921130
Numerator – quantity per pack	1
Numerator – packs per outer box	10
Material no. (12NC)	925400010201
Net weight (piece)	526.000 g

### Dimensional drawing



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Product	C1	A1	B1
Driver D230V 80W/0.1-0.5/1A/28V TD/A 8CH	36.5 mm	227.0 mm	118.5 mm

