150278 Driver

12W Max Constant Current Casambi Driver

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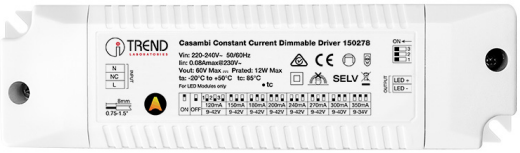
Trend Laboratories

Product Code	Dimming
150278	Casambi

Order Code **150278**



Product Features

- Constant current output
- Selectable output current via DIP switch (120mA/ 150mA/ 180mA/ 200mA/ 240mA/ 270mA/ 300mA/ 350mA)
- Supports Casambi wireless control for remote management and real-time adjustment of lighting settings
- Short circuit protection (SCP); Over voltage protection (OVP); Over current protection (OCP)

Driver Compliance

SELV

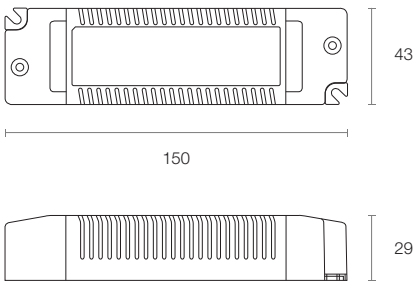
Product Attributes

IP20 NON IC

Physical Characteristics

Driver Colour	White
Dimensions	150 x 43 x 29 mm
Weight	125 g

Dimensions (mm)



Output Parameters

Voltage	9-42V DC
Current	120mA | 150mA | 180mA | 200mA 240mA | 270mA | 300mA | 350mA
Wattage	12W Max
Current Accuracy	±7%

Input Parameters

Voltage	220-240V AC 50-60Hz
Current	0.08A Max*
Efficiency	>85%
Power Factor	>0.95

* Inrush Current: Cold start, 8.56A @230V AC

General Characteristics

Dimming Mode	Casambi
Protection	SCP, OVP, OCP
Working Temperature	-20°C to 50°C
tc	85°C
Ingress Protection	IP20
Lifetime	50,000 hours

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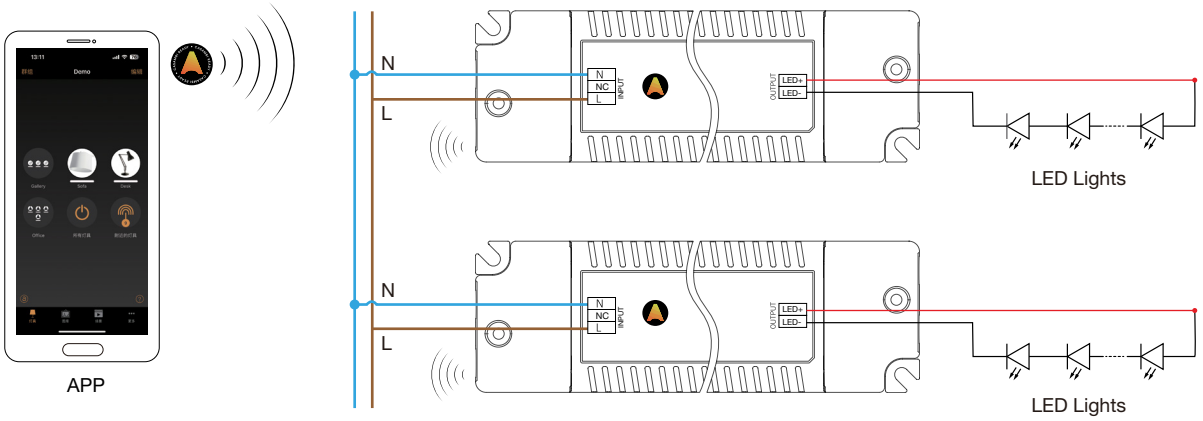
Wiring Diagram



Casambi App Download

Camsambi is free to download from Google Play and Apple App Store.

GET IT ON Google Play

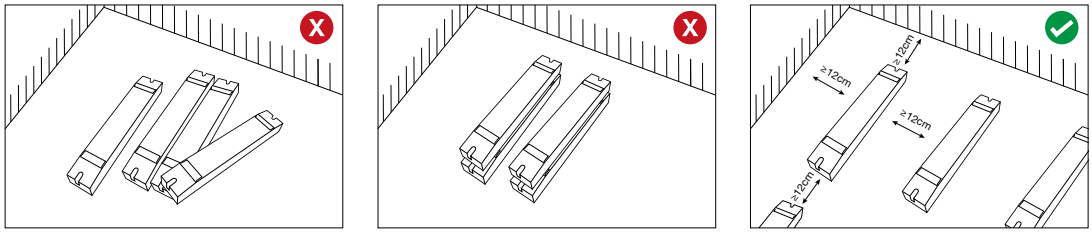
Download on the App Store

Current Selection Table

ON / OFF	1 2 3							
	120mA	150mA	180mA	200mA	240mA	270mA	300mA	350mA
	9-42V	9-42V	9-42V	9-42V	9-42V	9-42V	9-40V	9-34V

Remark: Function default setting is: 120mA (@switch are all OFF state)

Installation Precautions



Please ensure the products are not stacked. Maintain a minimum distance of 12 cm between items to allow for proper heat dissipation and to extend product lifespan.

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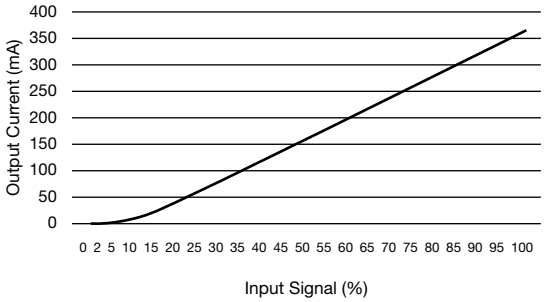
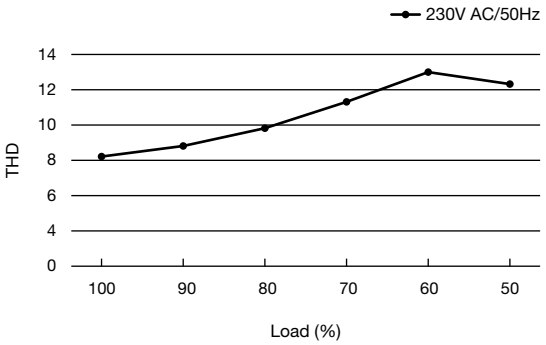
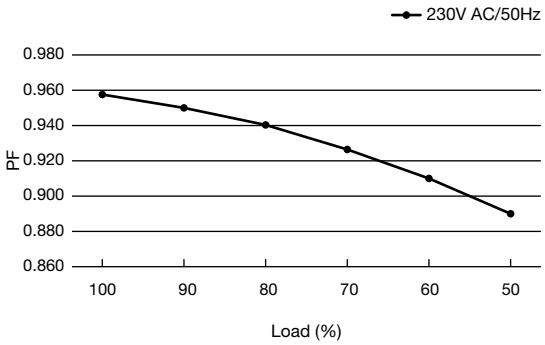
Dimming Curve



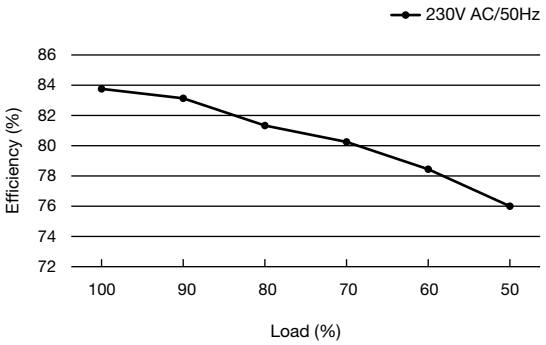
THD vs Load Curve



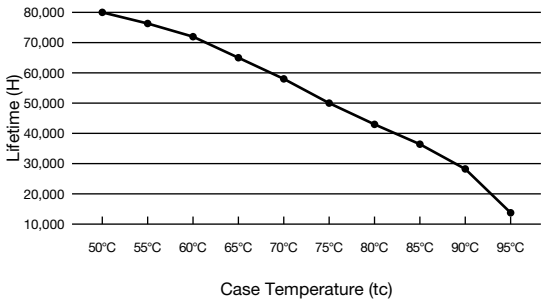
PF vs Load Curve



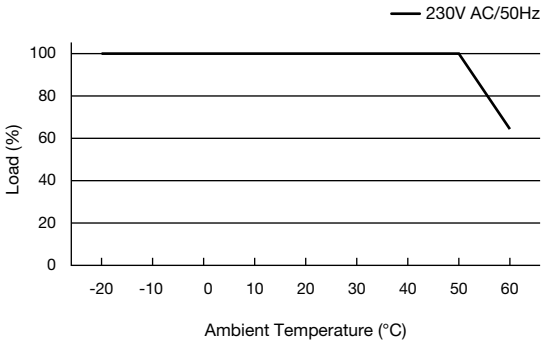
Efficiency Curve



Lifetime vs Case Temperature



Derating Curve



Cautions

1. The product must be installed by a licensed electrician.
2. This product is not waterproof. When used for exterior lighting application, please ensure that the driver is not subject to water ingress.
3. Good heat dissipation will prolong the working life of the LED Driver. Ensure the driver is mounted in a location with adequate ventilation.
4. Ensure that the cable size used for the driver to the LED is adequately sized for the connected load, and that the cable is secured correctly to the driver terminals.
5. This product is not user serviceable. If a fault occurs, return the driver to your supplier.

The contents of this manual may be updated without prior notice.
If you are uncertain about any of the driver specifications or instructions,
please contact Trend Lighting for the most up-to-date copy of this document.

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