150308 Driver

200W 12V Constant Voltage Dimmable Driver

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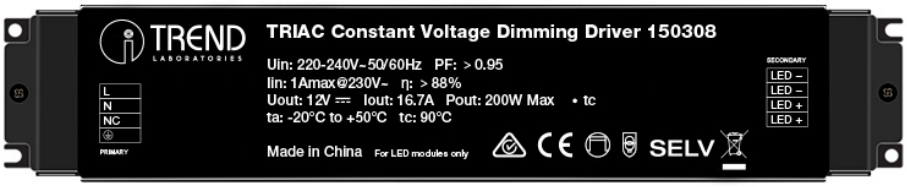
Product Code	Dimming & Controls
150308	Leading & Trailing Edge

Order Code **150308**



Driver Compliance

SELV

Product Attributes

DC 12V | L&T DIM | IP20 | NON IC

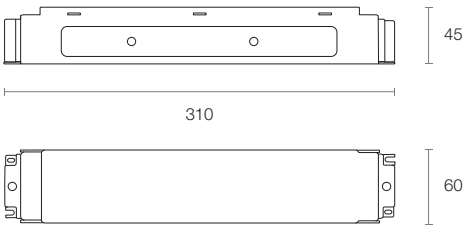
Product Features

- Single-channel constant voltage output
- Support Leading Edge and Trailing Edge dimming
- Short circuit protection (SCP); Over voltage protection (OVP); Over current protection (OCP); Over thermal protection (OTP)

Physical Characteristics

Driver Colour	Black
Dimensions (LxWxH)	310 x 60 x 45 mm
Weight	842 g

Dimensions (mm)



Output Parameters

Voltage	12V DC
Current	16.7A
Wattage	200W Max
Voltage Accuracy	±3%

Input Parameters

Voltage	220-240V AC 50/60Hz
Current	1A*
Efficiency	88%
Power Factor	>0.95

* Inrush Current: Cold start, 26A @240V AC

General Characteristics

Dimming Mode	Leading & Trailing Edge
Protection	SCP, OVP, OCP, OTP
Working Temperature	-20°C to 50°C
tc	90°C
Ingress Protection	IP20
Insulation Contact	Non-IC
Lifetime	30,000 hours

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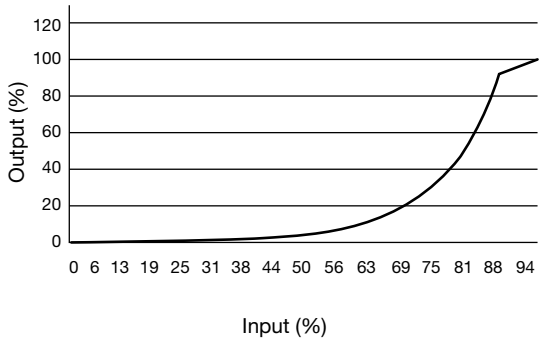
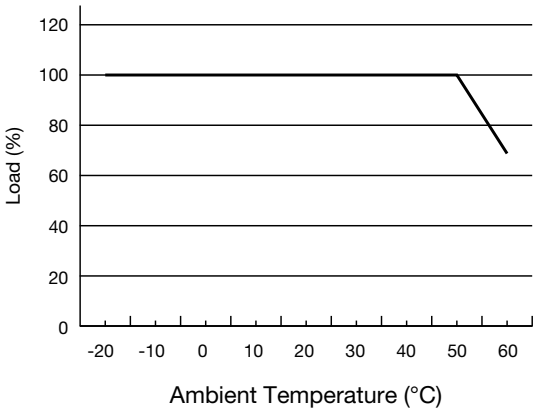
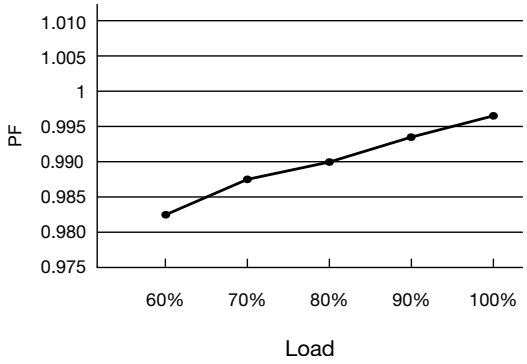
Dimming Curve



Derating Curve



PF vs Load



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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