150023 Driver

80W Constant Voltage Dimmable Driver

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Trend Laboratories

Product Code	Dimming & Controls
150023	Leading & Trailing Edge

Order Code **150023**

Product Features

- Constant voltage output
- Supports leading and trailing edge dimming, suitable for powering 12-24V AC/DC LED light bulbs or 24V LED strips
- Short circuit protection; Open circuit protection

Driver Compliance

SELV

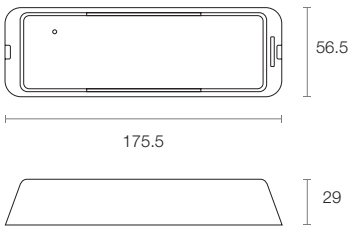
Product Attributes

DC 24V | L&T DIM | IP20 | NON IC

Physical Characteristics

Driver Colour	White
Dimensions (LxWxH)	175.5 x 56.5 x 29 mm
Weight	180 g

Dimensions (mm)



Output Parameters

Voltage	24V DC
Current	3300mA
Wattage	80W Max
Voltage Accuracy	±3%

Input Parameters

Voltage	200-240V AC 50/60 Hz
Current	0.5A Max*
Efficiency	90%
Power Factor	>0.90

* Inrush Current: Cold start, 10A @240V AC

General Characteristics

Dimming Mode	Leading and Trailing Edge
Protection	Short circuit and Open circuit protection
Working Temperature	-20°C to 45°C
tc	90°C
Ingress Protection	IP20
Insulation Contact	Non-IC
Lifetime	40,000 hours

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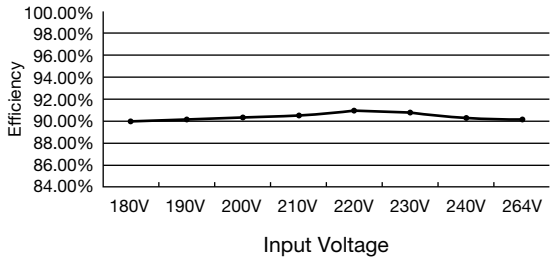
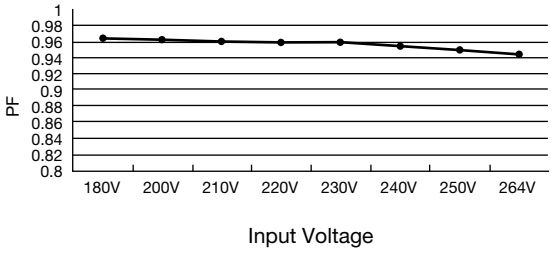
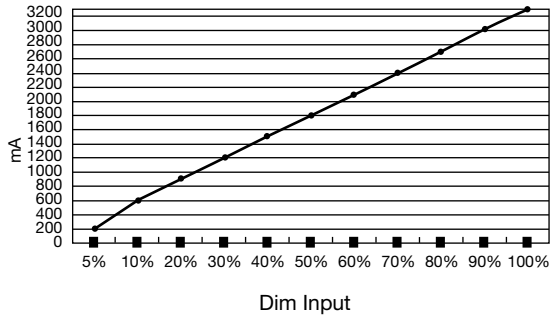
Input Voltage & Effiecncy Curve



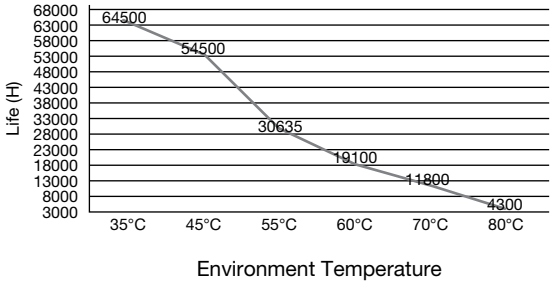
Input Voltage & PF Curve



Dimming curve



Lifespan & Environment 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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