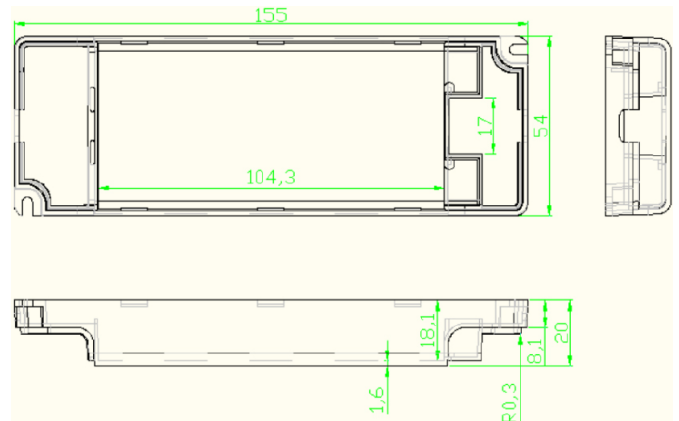


DARKLIGHT DESIGN

DARKLIGHT DESIGN

12V 25W CONSTANT VOLTAGE

TRIAC DIMMABLE DRIVER



PRODUCT OVERVIEW

- TRIAC dimmable driver with leading edge dimmers
- Constant voltage design
- Universal AC input: 180-240VAC
- Protections: Short circuit/ Overload/ Over current
- Built-in PFC function (PFC>0.95)
- Cooling by free air convection
- High efficiency up to 85%

All the information in this document is provided in good faith. Darklight Design will not be held responsible for any losses due to inaccuracies within this document.

TECHNICAL SPECIFICATIONS

DC Voltage	12V
Voltage Tolerance	±0.5V
Rated Current	2.08A
Output Power	25W
Input Voltage Range	180-240VAC
AC Frequency	47-63Hz
Power Factor	>0.65
Efficiency	>83%
AC Current	0.21A
Leakage Current	<0.70mA/220VAC
Dimensions	W:155 x D:54 x H:20(mm)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-40°C+60°C
Relative Humidity	20~90%
Vibration	10-500Hz/2g, 10 Minutes

CONFORMITY & STANDARDS

Isolation Voltage	In/Out 3750VAC
EMI	EN55015 Class B
Safety	EN61347-1, EN61347-2-13
EMC Immunity	EN61000-4-2/3/4/5/6/11 (surge 4KV)
EMC Emissions	EN55015, EN61000-3-2, 3 (≥50% loading)