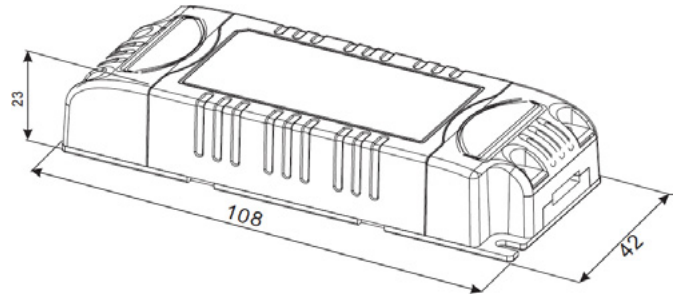


DARKLIGHT DESIGN

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20W CONSTANT VOLTAGE LINEAR LED TAPE
TRIAC DIMMABLE DRIVER



PRODUCT OVERVIEW

- Linear LED TRIAC dimmable driver
- Suitable for most leading/trailing edge dimming
- Selectable constant voltage output
- Fully-isolated, delivering up to 20W of power
- Short circuit, over current and over voltage protection
- Built-in PFC function (PFC>0.95)
- Cooling by free air convection
- Up to 80% efficient
- Fireproof environmental protection PC plastic cover
- 2 years quality warranty

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

Input Voltage Range	90-130V&180-240V/AC			
AC Frequency	48-62Hz			
Input current	0.26Amax			
Output Mode	Constant Voltage			
Output Current	1300mA	800mA	550mA	400mA
On Load Voltage	12V	24V	36V	48V
No Load Voltage	12V	24V	36V	48V
Output Power	20W Max.			
Power Factor	>0.95			
Efficiency	>80%			
Dimensions	W:108 x D:42 x H:23(mm)			
Weight	104g			

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ENVIRONMENTAL SPECIFICATIONS

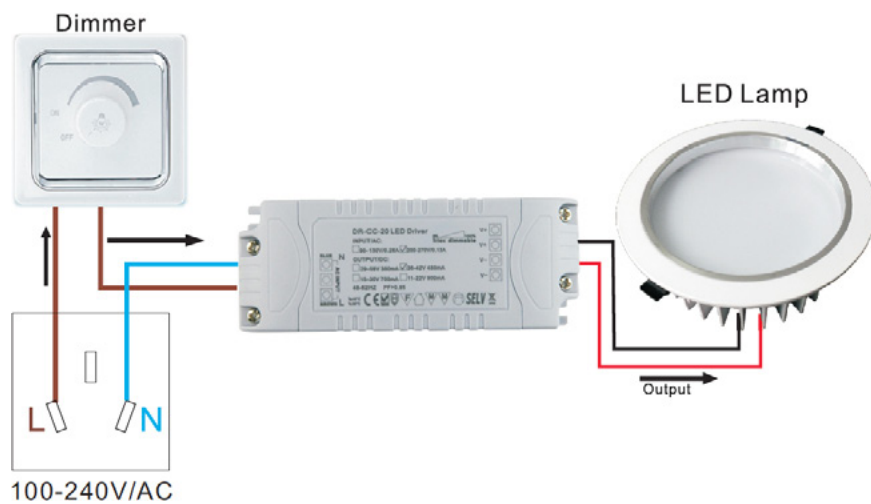
Operating Temperature	-30~45°C
Storage Temperature	-40~+70°C
Thermal Dissipation	Nature
Relative Humidity	5~95%
Isolation Voltage	In/Out 3000VAC
Vibration	5-55Hz/2g, 30 Minutes
Life Time	50000 Hours, at TC max

CONFORMITY & STANDARDS

EMI	EN55022 EN55015 Class B
Safety	EN60598
Electromagnetic Immunity	EN61547, ENV5024 EN61000-4-2/3/4/6/8/11
Harmonic Current Emissions	EN61000-3-2 EN61000-3-3

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BASIC INSTALLATION OVERVIEW



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