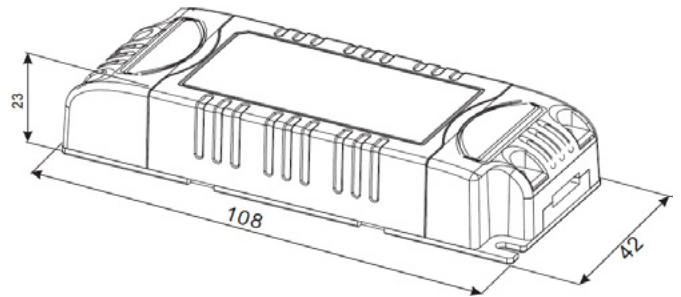


DARKLIGHT DESIGN

DARKLIGHT DESIGN

20W CONSTANT CURRENT

TRIAC DIMMABLE DRIVER



PRODUCT OVERVIEW

- Linear LED TRIAC dimmable driver
- Suitable for most leading/trailing edge dimming
- Selectable constant current 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 Current			
Output Current	350mA	500mA	700mA	900mA
On Load Voltage	29-58V	20-40V	15-30V	11-22V
No Load Voltage	70V	48V	40V	28V
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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DARKLIGHT DESIGN

DARKLIGHT DESIGN
20W CONSTANT CURRENT
TRIAC DIMMABLE DRIVER

ENVIRONMENTAL SPECIFICATIONS

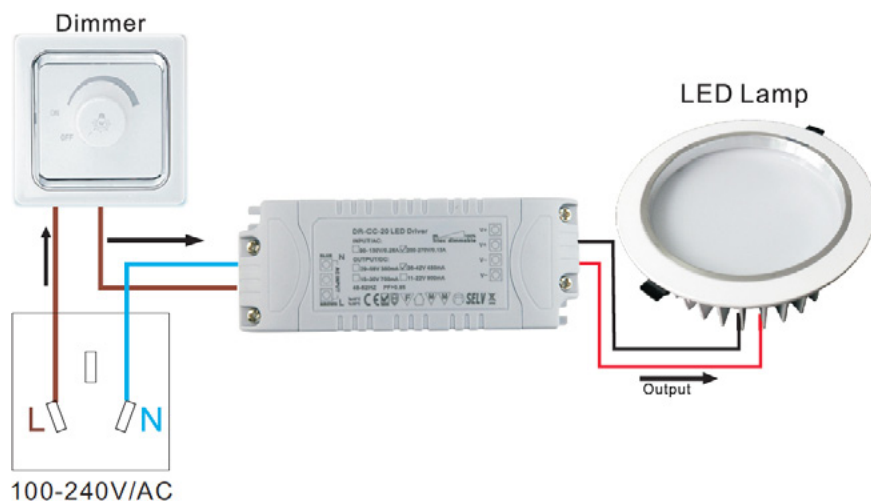
Operating Temperature	-30~45°C
Storage Temperature	-40~+70°C
Thermal Dissipation	Nature
Relative Humidity	5~95%
Isolation Voltage	In/Out 3000VAC
Vibration	5-55Hz/2g, 30 Minutes
Life Time	50000 Hours, at TC max

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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