

Conversion Kits LED – the isolated LED driver | Linear constant current LED driver – non-dimmable

BSM-5WND-48V160FC



Features

- Universal AC input / Full range
- For LED loads operating in the Voltage range of 20V - 48 Volts.
- High efficiency up to 90%
- Protections: Short circuit / Over current / Over voltage / Over temperature
- Available with output current range: up to 160mA
- Conform with IEC 60598-2-22 standard and RoHS regulation.
- Isolated drivers
- 5 year warranty



Applications

- Downlight luminaire
- Emergency lights
- Suitable for Luminaires in limited space

Product family benefits

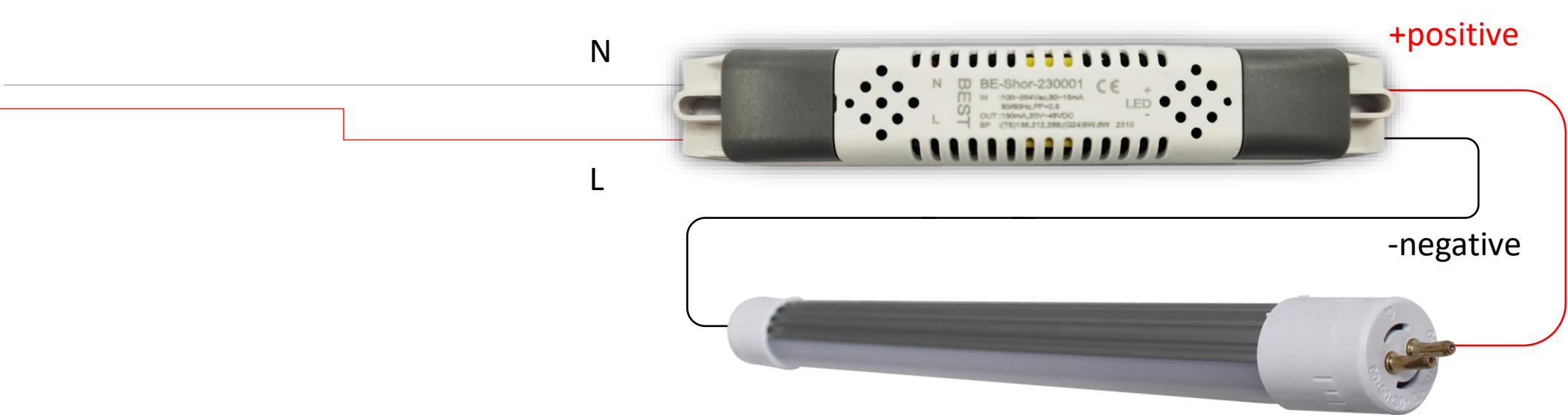
- ☐ Conversion kits LED for central Battery Emergency lighting or downlight applications
- ☐ Lifetime: up to 100,000h (temperature at T c = 75 °C, max. 10 % failure rate)
- ☐ Wide operating temperature range: -40...+65 °C
- ☐ Available working with existing ECGsmart LED Light source T5 136mm LED, T5 212mm LED, T5 288mm LED, G24q 5W LED, G24q 6W LED
- ☐ Very high efficiency

Technical data

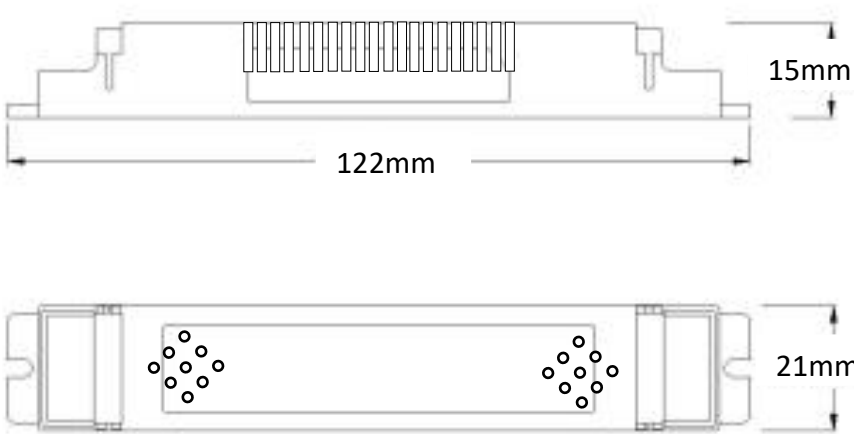
Electrical data

Nominal input voltage	100-264V AC
Mains frequency	50/60 Hz
Input current	15-80mA
Total harmonic distortion	<10 %
Power factor	>0.9
Nominal output voltage	20V-48V DC
Nominal output current	160mA
Output PSTLM	≤1
Output SVM	≤0.4
Nominal output power	4W...6W
Galvanic isolation	Isolated
Power loss in stand-by mode	<0.25W

Installation connection



Product datasheet



Product weight	20g
Length	122mm
Width	21mm
Height	15mm
Mounting hole space, length	110mm

Colors & materials

Casing material	Plastic
-----------------	---------

Temperature & operating conditions

Ambient temperature range	-40...+70 °C
---------------------------	--------------

Lifespan

ECG lifetime	100000/50000 h
--------------	----------------

