

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

### BSP-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

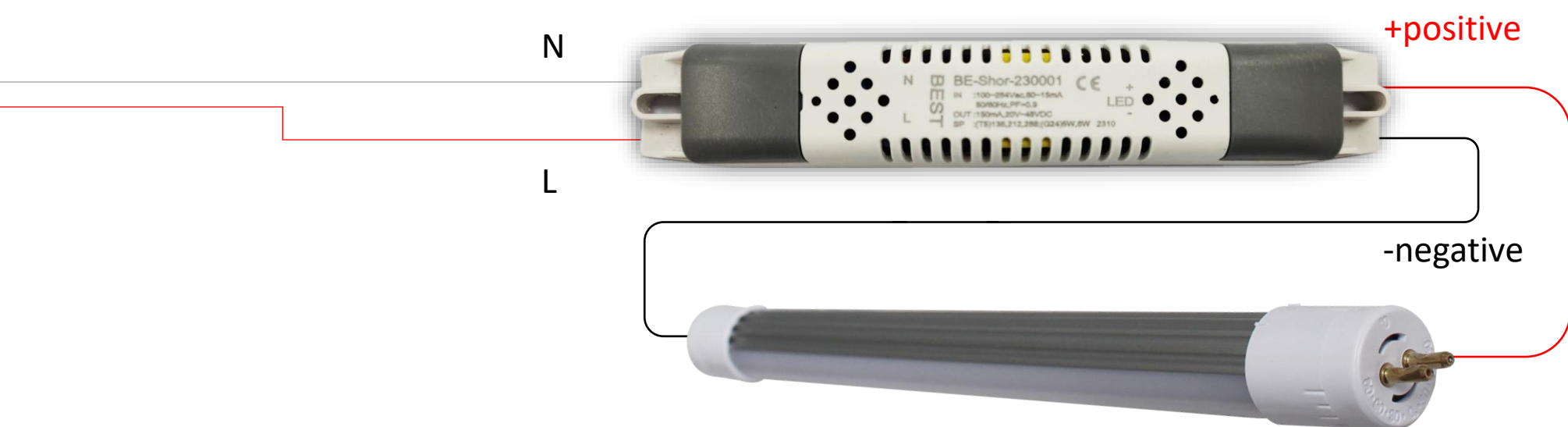
- Conversion kits LED for central Battery Emergency lighting or downlight applications
- Lifetime: up to 100,000h (temperature at T c = 75 °C, max. 10 % failure rate)
- Wide operating temperature range: -40...+65 °C
- Available working with existing ECGsmart LED Light source T5 136mm LED, T5 212mm LED,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

## Technical data

### Electrical data

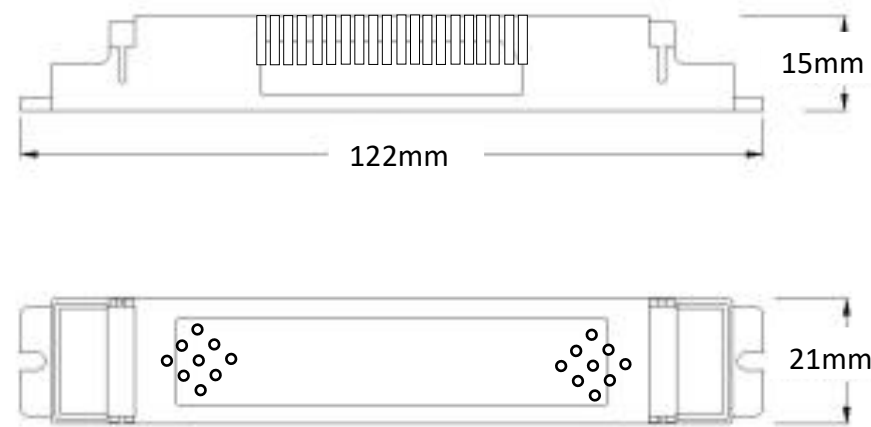
Nominal input voltage	100-264V AC
Mains frequency	50/60 Hz
Input current	15-80mA
Total harmonic distortion	<10 %
Power factor	>0.9
Nominal output voltage	20V-48V DC
Nominal output current	160mA
Output PSTLM	≤1
Output SVM	≤0.4
Nominal output power	4W...6W
Galvanic isolation	Isolated
Power loss in stand-by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

### Installation connection of T5



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# Product datasheet



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

## Colors & materials

<b>Casing material</b>	Plastic
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## Temperature & operating conditions

<b>Ambient temperature range</b>	-40...+70 °C
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## Lifespan

<b>ECG lifetime</b>	100000/50000 h
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# MODEL: BSP-5WND-48V160FC

**Conversion kits LED** – the best match with ECGsmart LED tubes and external LED Driver solution for old ECG ballasts and CFL/FL replacement

Product Model no.	ECGsmart LED series	Target replacement Old fluorescent lamp	# of tubes
BSP-5WND-48V160FC	T5 HE 4W 136mm	T5 HE 4W 136mm FL	1
	T5 HE 4W 212mm	T5 HE 6W 212mm FL	1
	T5 HE 5W 288mm	T5 HE 8W 288mm FL	1
	G24q 5W	G24q 10W CFL	1
	G24q 6W	G24q 13W CFL	1

1. The number or the range of number stands for how many LED lamps can be used in serial connection for that corresponding constant-current LED driver.
2. The correct setting of output current of LED driver should be referred to the designated lamp current of ECGsmart LED lamp in its datasheet.
3. Welcome OEM and ODM! Please contact us directly.

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