

INSTALLATION GUIDE

Product Name: SMART DRIVER 30W 12V LED Smart Driver
With 6-Port Micro Plug Connector

Product Code: K10-1230Z



Kit Contents

- Smart LED Driver with 6-port micro plug connector

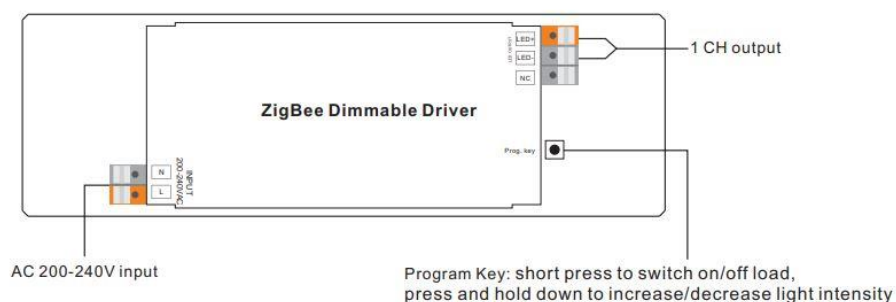
Important Safety Information

DISCLAIMER: PLEASE NOTE LED DRIVER INSTALLATION SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN!

Do not install with power applied to device
Do not expose the device to moisture

Installation

Function introduction



- 1 1 metre power lead needs to be wired to a 240V power supply



- 2 Plug in LED light power lead to connector block



For further details, prices and/or to order contact

+44 (0)1302 741941 | sales@tlwglobal.com | tlwglobal.com

TLW Brunel House, Brunel Close, Harworth, Doncaster, South Yorkshire, DN11 8QA

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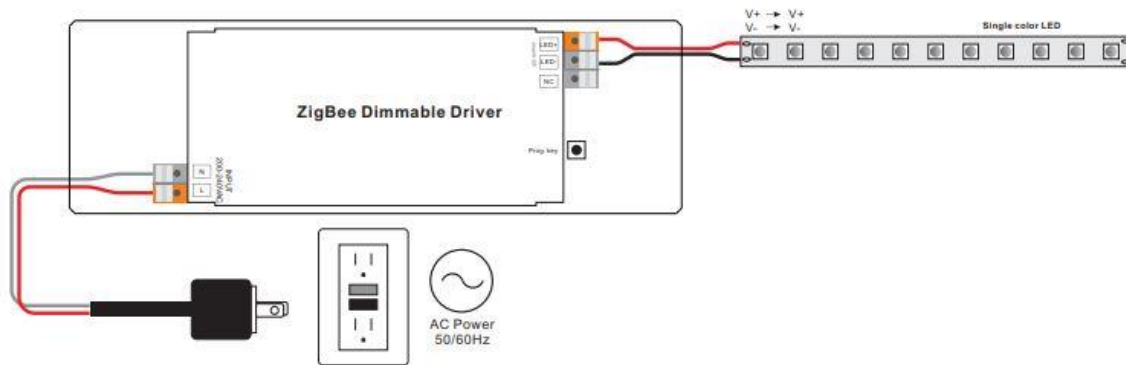
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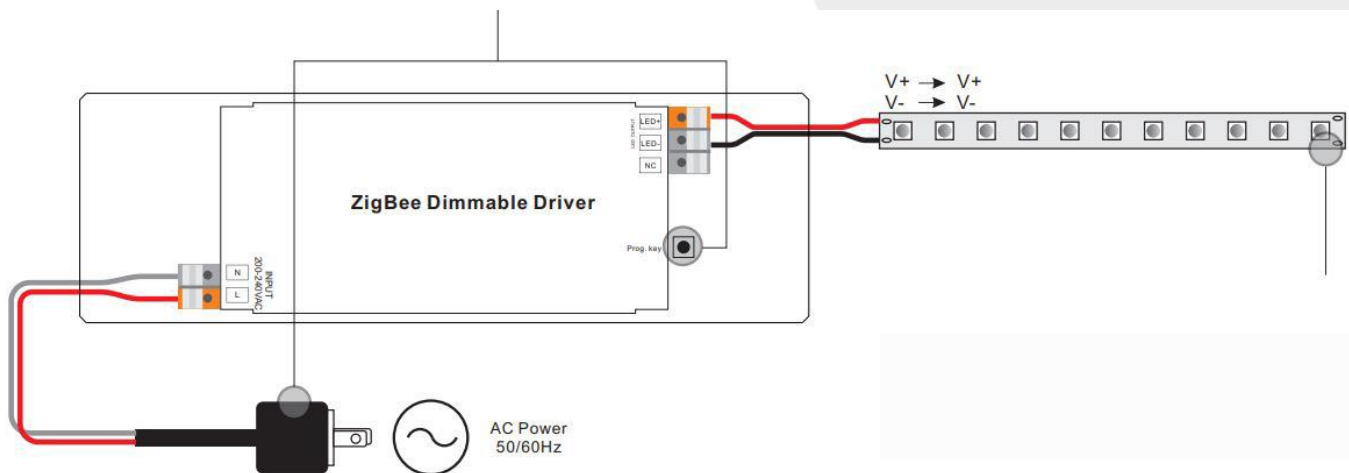
Installation

Wiring Diagram



Factory Reset Manually

- 1 Short press "Prog." key 5 times continuously or re-power on the device 5 times continuously (if "Prog." key is not accessible)



- 2 Connected light will blink 3 times to indicate successful reset



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Other Information

Specifications:

DC voltage: 12V

Max current: Max 1.25A

Rated power: Max 30W

Voltage range: 200-240V AC

Frequency range: 50/60Hz

Power factor: >0.9 @ 230VAC

Total harmonic distortion: THD \leq 15% (@full load/230V AC)

Efficiency: 89% @230V AC full load

AC current: 0.17A @230V AC

Inrush current: COLD START 2A max. at 230VAC

Leakage current: <0.5mA/ 230V AC

Over voltage: Yes, recovers automatically after fault condition is removed

Over temperature: Yes, recovers automatically after fault condition is removed

Working temperature: -20°C - +45°C

Maximum case temperature: 85°C (Ta="45°C)

Working humidity: 10%-95% RH non-condensing

Storage temperature and humidity: -40°C-+80°C, 10% -95% RH

Safety standards: ENEC EN61347-1, EN61347-2-13 approved

Withstand voltage: I/P-O/P: 3.75KVAC

EMC emission: EN55015, EN61000-3-2, EN61000-3-3

EMC immunity: EN61547, EN61000-4-2,3,4,5,6,8,11, surge immunity Line-Line 1KV

MTBF: 189300H, @ 230VAC at full load and 25°C ambient temperature

Dimensions: 170*53.4*28mm (L*W*H)

ZigBee dimmable LED driver based on ZigBee 3.0 protocol

This ZigBee device is a wireless receiver that communicates with a variety of ZigBee compatible systems. This receiver receives and is controlled by wireless radio signals from the compatible ZigBee system.

Class II power supply, full isolated plastic case

Built-in active PFC function

High power factor and efficiency

Deep and smooth dimming to 0.1%

Suitable for indoor LED lighting applications

Enables to control ON/OFF, light intensity of single color LED lights

ZigBee end device that supports Touchlink commissioning

Can directly pair to a compatible ZigBee remote via Touchlink

Compatible with universal ZigBee gateway products

Compatible with universal ZigBee dim remotes

Waterproof grade: IP20



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