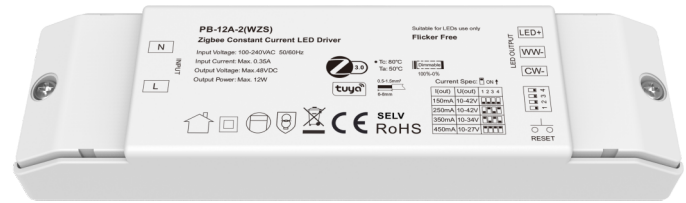


Zigbee 3.0 Constant Current CCT LED Driver

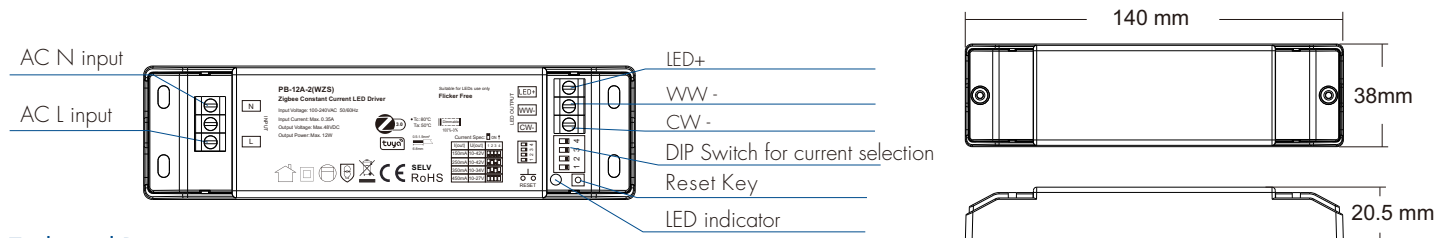
- Tuya smart APP cloud control, support color temp and brightness adjust, delay turn on/off, timer run, scene edit, sleep wake-up and biorhythms function
- Philips HUE APP control by connect with Philips HUE bridge
- Voice control, support for Amazon Alexa, Google Assistant, Tmall Genie and Xiaodu voice assistant.
- Can relay and route to each other, up to 15 hops
- Match with Zigbee 3.0 remote or scene panel control optional
- Reset key for clearing network connection
- Universal AC input / Full range
- Flicker-free
- 2 channel constant current output, configurable current via DIP switch
- Overload / Short circuit protection, recover automatically
- Full protective plastic case
- Suitable for indoor LED lighting application
- 5 Year, 50,000hr warranty



Applications

- Suitable for downlight, spotlight and decorative applications.
- Office / Commercial / Domestic Lighting, Hotels, Classrooms, Warehouse, Health care, Retail and Display.
- Use for retrofit upgrades & new luminaire designs.

Mechanical Structures and Installations



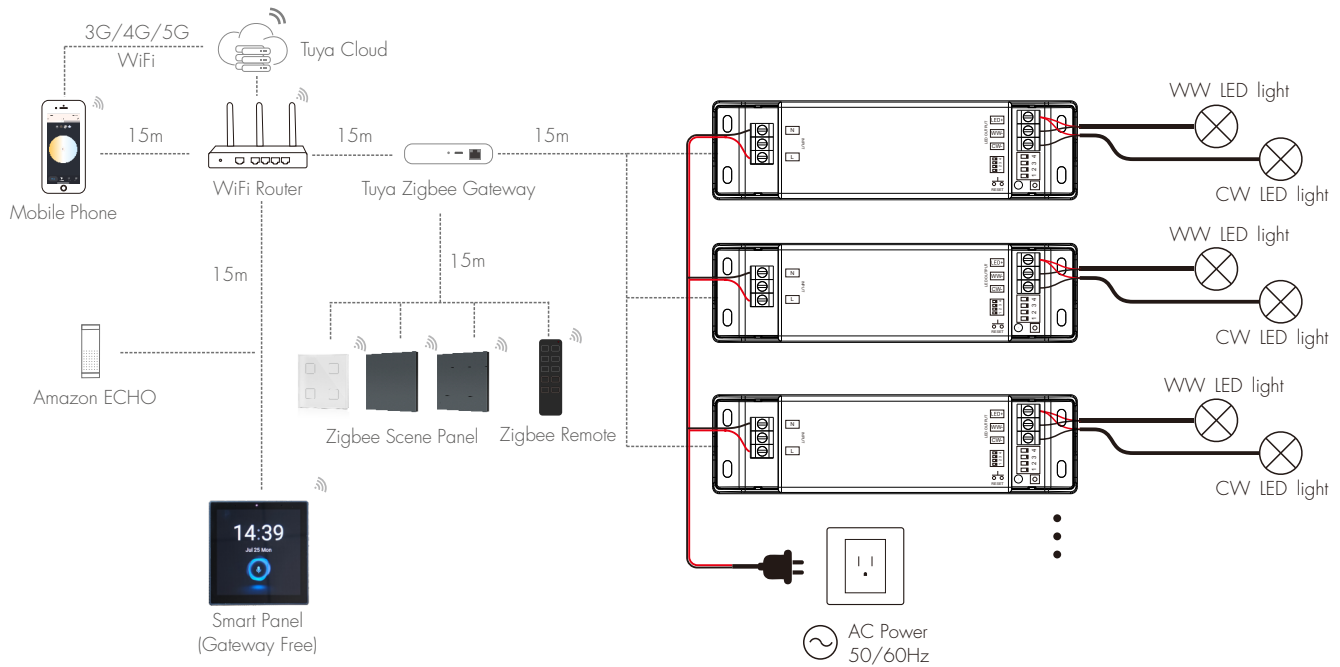
Technical Parameters

| | | |
|--------------|-------------------------|--|
| Output | Output Voltage | 10~42VDC |
| | Output Current | 2x(150~450)mA |
| | Output Power | Max. 12W |
| | Max Output Voltage | 48VDC |
| | Dimming Range | 0~100% |
| | PWM Frequency | 4KHz |
| | Current Accuracy | ±5% |
| Input | Input Voltage Range | 100~240VAC |
| | Frequency Range | 50/60Hz |
| | Efficiency | 80% |
| | Input Current | 0.35A Max. |
| | Anti Surge | L-N: 1.2KV |
| | Startup time | 1S/230VAC |
| | Inrush Current | Cold start 14.5A at 230VAC |
| | Leakage Current | < 0.5mA/230VAC |
| Protection | No Load Power | <2W |
| | Overload | Hiccup,recovers automatically after fault condition is removed |
| Environment | Short circuit | Hiccup,recovers automatically after fault condition is removed |
| | Working Temperature | -20°C~50°C |
| | Tcase Max | 80°C |
| | Working Humidity | 20%~90%RH, non-condensing |
| | Storage Temp/Humidity | -40°C~80°C, 10%~95%RH |
| | Temperature Coefficient | ±0.03%/°C (0-50%) |
| | Vibration Resistance | 10-500Hz, 2G, 6min/cycle, X,Y,Z axes/2min |
| Safety&EMC | IP Rating | IP20 |
| | Security Specifications | IEC/EN61347-1, IEC/EN61347-2-13 |
| | Withstand Voltage | I/P-O/P: 3750VAC |
| | Insulation Resistance | I/P-O/P: 100M/500VDC/25°C/70%RHΩ |
| | EMC Emission | EN61000-3-2 Class C, IEC61000-3-3 |
| | EMC Immunity | EN61000-4-2.3.4.5.6.8.11, EN61547 |
| Certications | CE | |

LED Current Selection:

| | | | | | | | | | |
|-------|------|--------|--------|--------|--------|--|--|--|--|
| ON ↑ | 1 | 2 | 3 | 4 | | | | | |
| | Uout | 10-42V | 10-42V | 10-34V | 10-27V | | | | |
| OFF ↓ | Iout | 150mA | 250mA | 350mA | 450mA | | | | |

System wiring



Note:

1. The above distance is measured in spacious (no obstacle) environment, Please refer to the actual test distance before installation.
2. Please check if the WiFi router net in 2.4G band, the 5G band is not available, and do not hide your router network.
3. Please keep the distance between LED driver and router close, and check the WiFi signals.
4. Users must use the Tuya ZigBee gateway to realize remote control and voice control (The smart panel integrate Zigbee gateway function).

APP Operating Instructions

1. Network pairing

- Download the Tuya smart APP and register an account, search and add the Tuya Zigbee gateway device.
- Quickly press the "RESET" button five times or repeat power on and off five times to clear the previous network connection, enter pairing mode with the output light breathes blinking.
- Under the gateway, search and add new device. If the network connection is successful, you can find ZBS-CCT devices in Tuya APP.

2. Lighting control settings

After pairing the light device, click the device and change brightness and color temperature by touch brightness slide and color wheel.

In "Scene", there are 4 scene can be recalled or customized.

In "Setting", there are Plan, Schedule, Timer, Rhythms, Power-on behavior functions.

