CXR-21A(WZS), CXR-28A(WZS)

Zigbee 3.0

Zigbee 3.0 Constant Current LED Driver

- Special for magnetic & linear lamp
- No input polarity
- DC to DC constant current output, multiple output current settings
- Tuya APP cloud control, support 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 smart speakers
- Can relay and route to each other, up to 15 hops
- Match with Zigbee 3.0 remote or scene panel control optional
- Suitable for STUCCHI standard housings, magnetic installation
- Smooth dimming without flicker, quiet without noise
- Short circuit, overload, no-load and anti-reverse protection
- 5-year warranty







Technical Parameters

Model		CXR-21A(WZS)	CXR-28A(WZS)					
	Output Voltage	10~42Vdc						
	Output Current	150-500mA	350-700mA					
Output	Output Power	1.5W-21W	3.5W-29.4W					
	Current Accuracy	±5%						
	Dimming Range	0~100%						
	Channel num	1						
	Dimming Interface	Zigbee 3.0						
	Input Voltage	48Vdc±5% (No polarity)						
Input	Input Current	Max. 0.47A	Max. 0.65A					
	Efficiency (Typ)	93%	95%					
	Standby Power	<0.5W						
	Woking Temperature	-20~50°C						
Environment	Storage Temperature	-40~80°C						
	Working Humidity	20~95%RH, non-condensing						
	Overload	Hiccup, recovers automatically affer fault condition is removed.						
Protection	Short Circuit	Hiccup, recovers automatically affer fault condition is removed.						
	Input Anti-Reverse Protection	No input polarity						
Other	Size	l92xW13.5xH12.2mm						
Ciner	Weight	10g±2g						

LED Current Selection

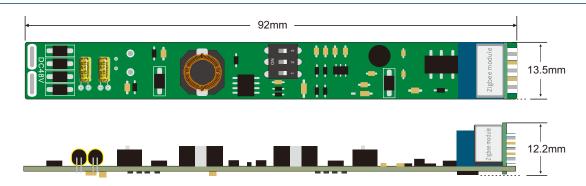
Note: Please select the correct current through the DIP switch on the PCB board when the power is off.



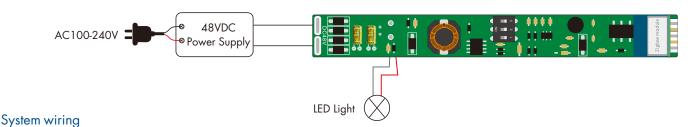
DIP Switch											
	Output Current	150mA	200mA	250mA	300mA	350mA	400mA	450mA	500mA		
CXR-21A(WZS)	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	ON	OFF
	Output Power	1.5-6.3W	2-8.4W	2.5-10.5W	3-12.6W	3.5-14.7W	4-16.8W	4.5-18.9W	5-21W		

	DIP Switch										м	
CXR-28A(WZS)		Output Current	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA		
	CXR-28A(WZS)	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	ON C	OFF
	Output Power	3.5-14.7W	4-16.8W	4.5-18.9W	5-21W	5.5-23.1W	6-25.2W	6.5-27.3W	7-29.4W			

Mechanical Structures and Installations



User Manual Ver 1.0.1



3G/4G/50 Wired connection WiFi Wireless connection LED Light Tuya Zigbee Gateway Mobile Phone 15m LED Light 15m Amazon ECHO LED Light Zigbee Remote Zigbee Scene Panel LED Light 14:39 0 Smart Panel 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 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-DIM devices in Tuya APP.

2. Lighting control settings

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

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

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





