



# SKYDANCE CXR-28A RF Constant Current LED Driver User Manual

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## SKYDANCE CXR-28A RF Constant Current LED Driver User Manual



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### Features

- Special for magnetic & linear lamp
- No input polarity
- DC to DC constant current output, multiple output current settings
- Match with RF 2.4G dimming remote control
- Synchronize on multiple number of LED drivers

- Suitable for STUCCHI standard housings, magnetic installation
- Smooth dimming without icker, quiet without noise
- Short circuit, overload, no-load and anti-reverse protection
- 5-year warranty.
- No flicker, no noise



- For STUCCHI standard housing – 9519-166-K – B 9519-166-K/W



- Installation guide












## Technical Parameters










	Model	CXR-21A	CXR-28A
Output	Output Voltage	10~42Vdc	
	Output Current	150-500mA	350-700mA
	Output Power	1.5W- 21W	3.5W-29.4W
	Current Accuracy	±5%	
	Dimming Range	0~100% , 024levelsdimming	
	Channel num	1	
Input	Dimming Interface	RF2.4G	
	input Voltage	48Vdc±5%( Nopolarity)	
	Input Current	Max.0. 47A	Max.0.65A
	Efciency(Typ)	93%	95%
	Standby Power	<0.5W	
Environment	Woking Temperature	-20~50°C	
	Storage Temp		
	Working Humidi	20~95%RH,non condensing	
Protection	Overload	When load voltage exceed its range, the current declines, auto recovers when the load is reduced.	
	Short Circui	Shut down automatically if short circuit occurs, auto r ecovers.	
	Reverse connection	Prevent dirver and load d amage	
Other	Size	L125×W13.5×H10.8mm	
	Weight	10.5g±2g	

## LED Current Selection

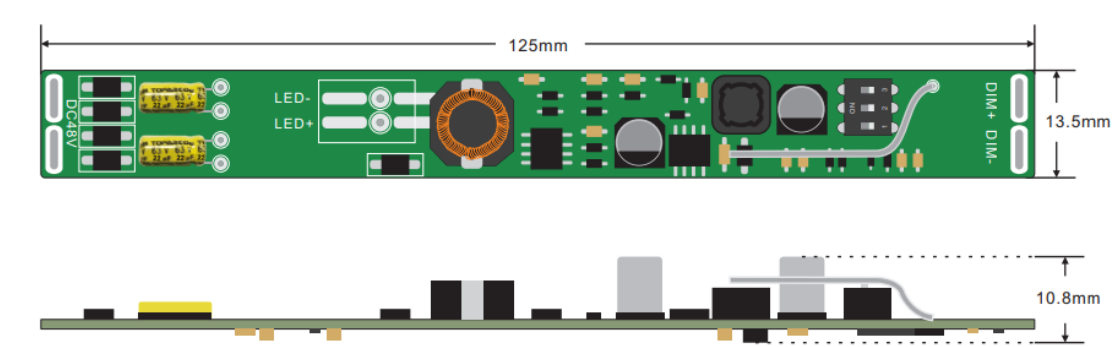
**Note:** Please select the correct current through the DIP switch on the PCB board when the power is off.



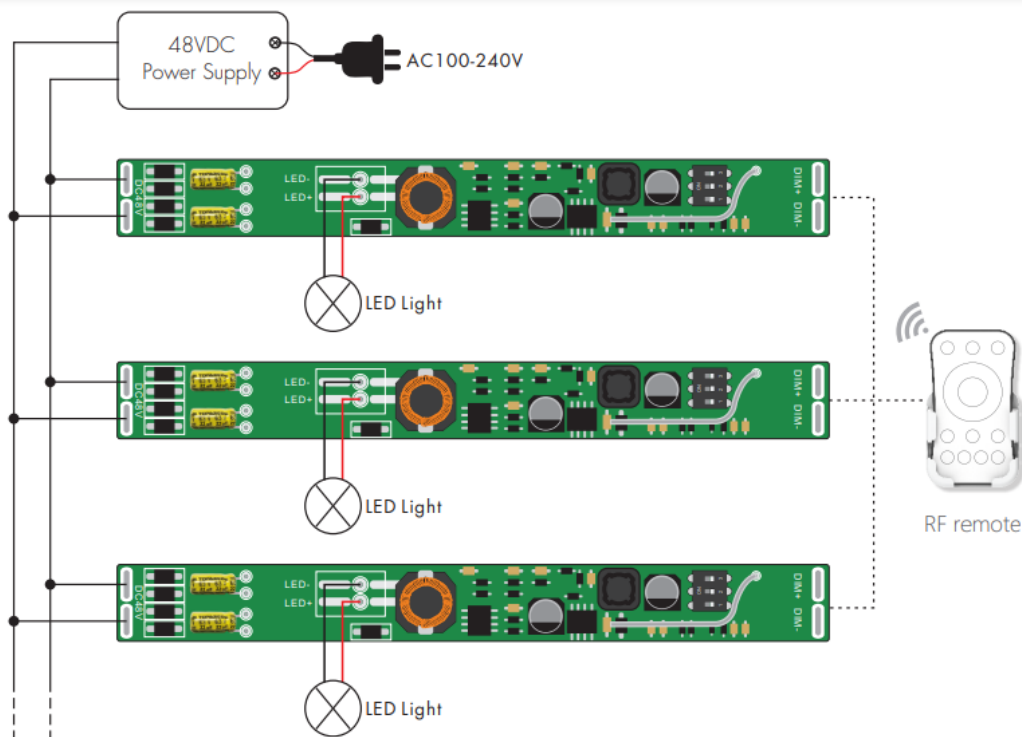
DIP Switch										 ON OFF
CXR-2 1A	Output Current	150mA	200mA	250mA	300mA	350mA	400mA	450mA	500mA	
	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	
	Output Power	1.5-6.3 W	2-8.4W	2.5-10.5W	3-12.6 W	3-12.6 W	4-16.8 W	4.5-18.9W	5-21W	

DIP Switch										 ON OFF
CXR-2 8A	Output Current	350mA	400mA	450mA	500mA	550mA	600mA	650mA	700mA	
	Output Voltage	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	10-42V	
	Output Power	3.5-14.7W	4-16.8 W	4.5-18.9W	5-21W	5.5-23.1W	6-25.2 W	6.5-27.3W	7-29.4 W	

Mechanical Structures and Installations



Wiring Diagram



## Match Remote Control

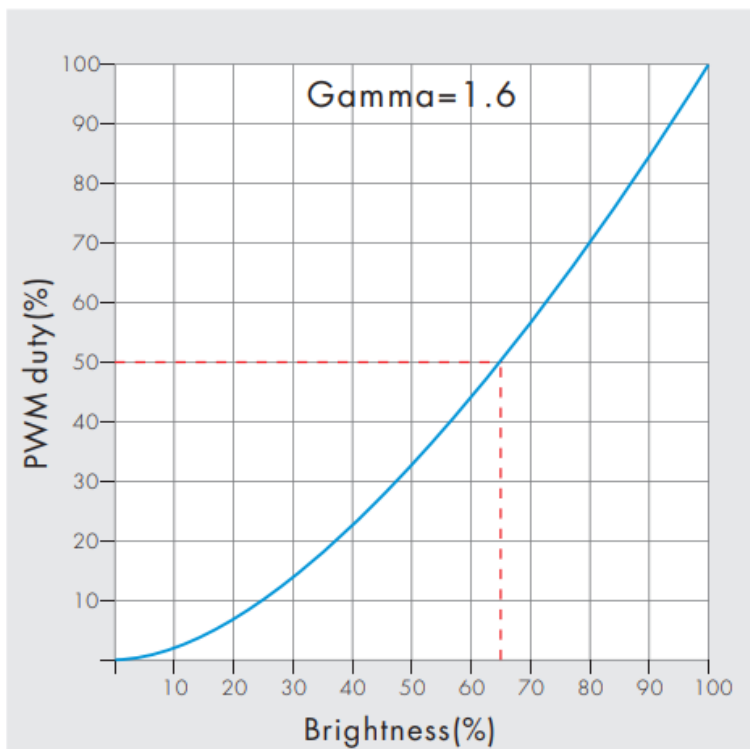
### Match:

Switch off the power of the LED driver, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 3 times on the remote. The light blinks 3 times means match is successful.

### Delete:

Switch off the power of the LED driver, then switch on power, repeat again. Immediately short press on/off key (single zone remote) or zone key (multiple zone remote) 5 times on the remote. The light blinks 5 times means all matched remotes were deleted.


## Dimming Curve



## Malfunctions analysis & troubleshooting

Malfunctions	Causes	Troubleshooting
No light	<ol style="list-style-type: none"> <li>1. No power.</li> <li>2. Wrong connection or insecure.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check the power.</li> <li>2. Check the connection.</li> </ol>
No response from the remote	<ol style="list-style-type: none"> <li>1. The battery has no power.</li> <li>2. Beyond controllable distance.</li> <li>3. The LED driver did not match the remote</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace battery.</li> <li>2. Reduce remote distance.</li> <li>3. Re-match the remote.</li> </ol>

## Documents / Resources

	<a href="#">SKYDANCE CXR-28A RF Constant Current LED Driver</a> [pdf] User Manual CXR-21A, CXR-28A, RF Constant Current LED Driver, CXR-28A RF Constant Current LED Driver, Constant Current LED Driver, Current LED Driver, LED Driver, Driver
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