Litepers

Life Pursues Light, We Persist Lights!

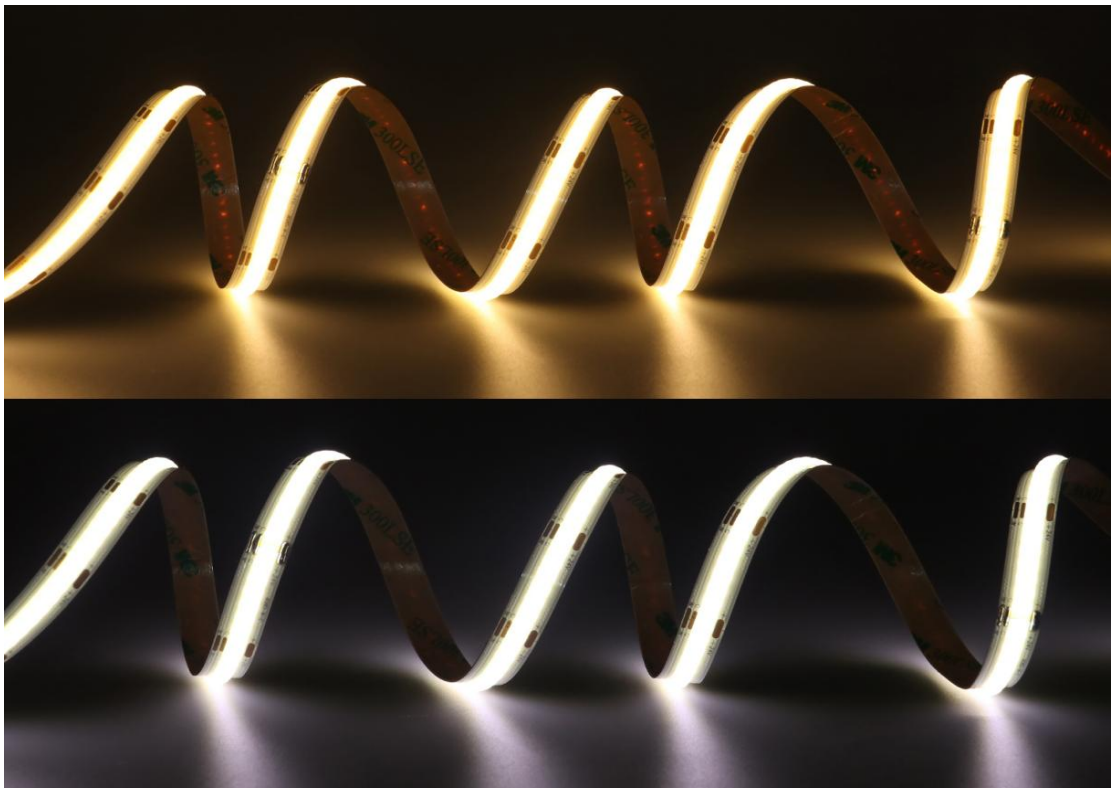
Litepers Technology Co., Ltd
Email:info@litepers.com
www.litepers.com

Product Specification

Series: COB Series

SKU: LPS-COB-CCT





Main Features

① Chip-on-Board design, high density LED, even and uniform lighting.

② Double layer 2oz PCB, balancing voltage drop, heat dissipation and flexibility.

③ Homogeneous lighting effect, ideal for LED Lighting application, dot-less lighting

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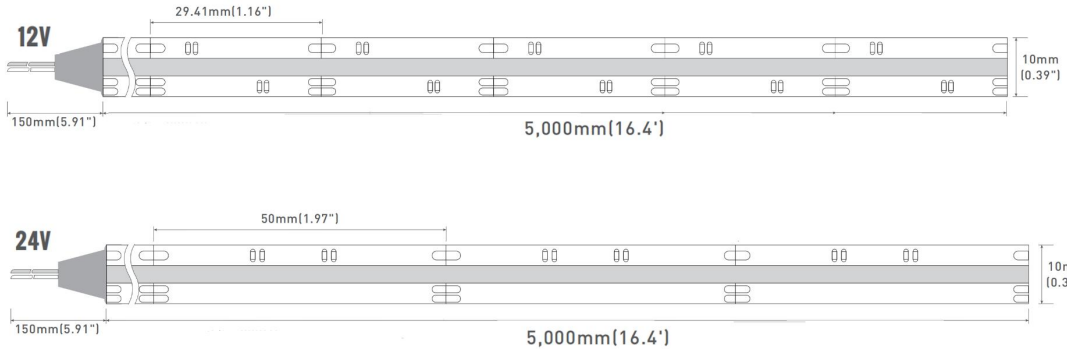
Technical Parameters

Parameter	Specification			
Light Source	COB			
Voltage	DC12V		DC24V	
Led Quantity	612 LED Chip/Meter		640LED Chip/Meter	
Cutting Length	29.41MM		50MM	
Color Temperature	2700K	3000K	4000K(Mix)	6500K
Lumen	500LM	600LM	1200LM	700LM
Power	8W+8W (16W Mixed)			
CRI	CRI 90+			
PCB Size	10MM Width			
IP Rate	IP20 (IP67 are available)			
Operating Temperature	-20° ~50°			
Packing Length	5Meters/Roll			
Color Change Method	CCT Dimming			

*Above measurements are based on IP20.

*Above measurements of watts, brightness and efficiency allowance tolerance ±10%.

Dimension



Available IP Rate:

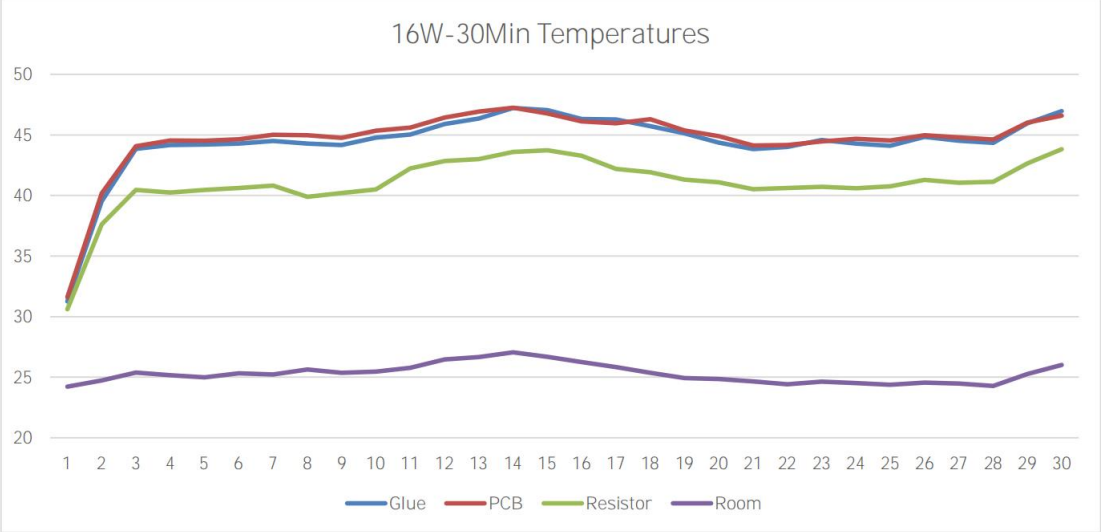
Cross Section	IP Rating	Details
	IP65	Silicone Tube or heat-shrink tube
	IP67	IP67 Extrusion, Integrated Silicone

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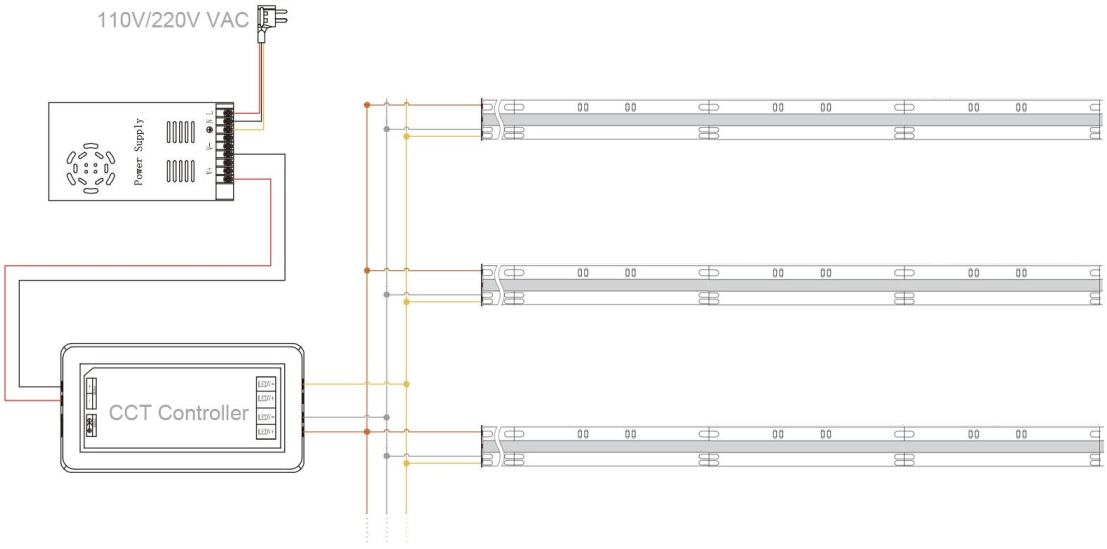
Temperature Curve

* Below curves indicate the temp. changing in glue & PCB within 30 minutes after powering on, under the ambient temperature of 25 ℃.

* Below test are performed on dual channels running at max watts. However, the CCT led strips are often used with CCT controllers, which will make the CCT strip running at 8W/m for mixed light.



Power Connection:



* The max running length is 5 meters, for over 5 meters please connect in parallel.
* Please match the markings '+' and '-' in the PCB during wiring.
* Better use aluminum profiles to help heat dissipation and reach better linear lighting effects.
* Please power the LED strip with correct input voltage, do not use any AC power source directly.
* Make sure of the total watts of LED Strip lights is less than 80% of the power supply's max output.

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Package Details:



Plastic/Paper Roll | Plastic/Paper Bag | Pack with cartons

Noted: All labels could be customized with your LOGO.

Relative Products:



Led Profile | **CCT Quick Connectors** | **CCT Controller** | **Power Supply**

Application:



