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# Product Specification

TLN-COB16-CCT



## Features

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

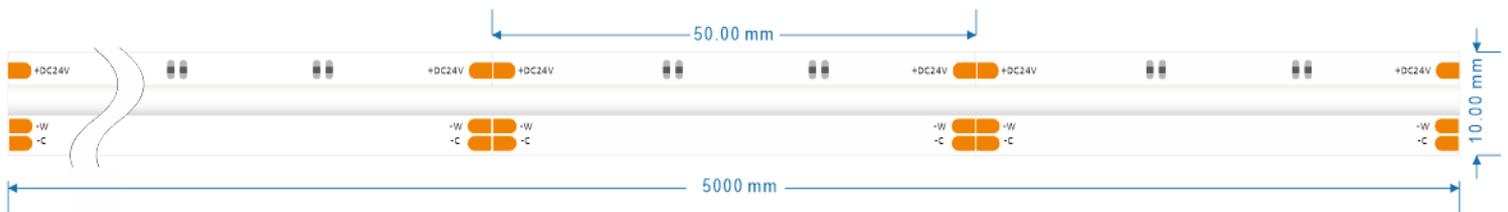
Dual white design, color changing from 2700K to 6500K.

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

## Picture



## Dimensions



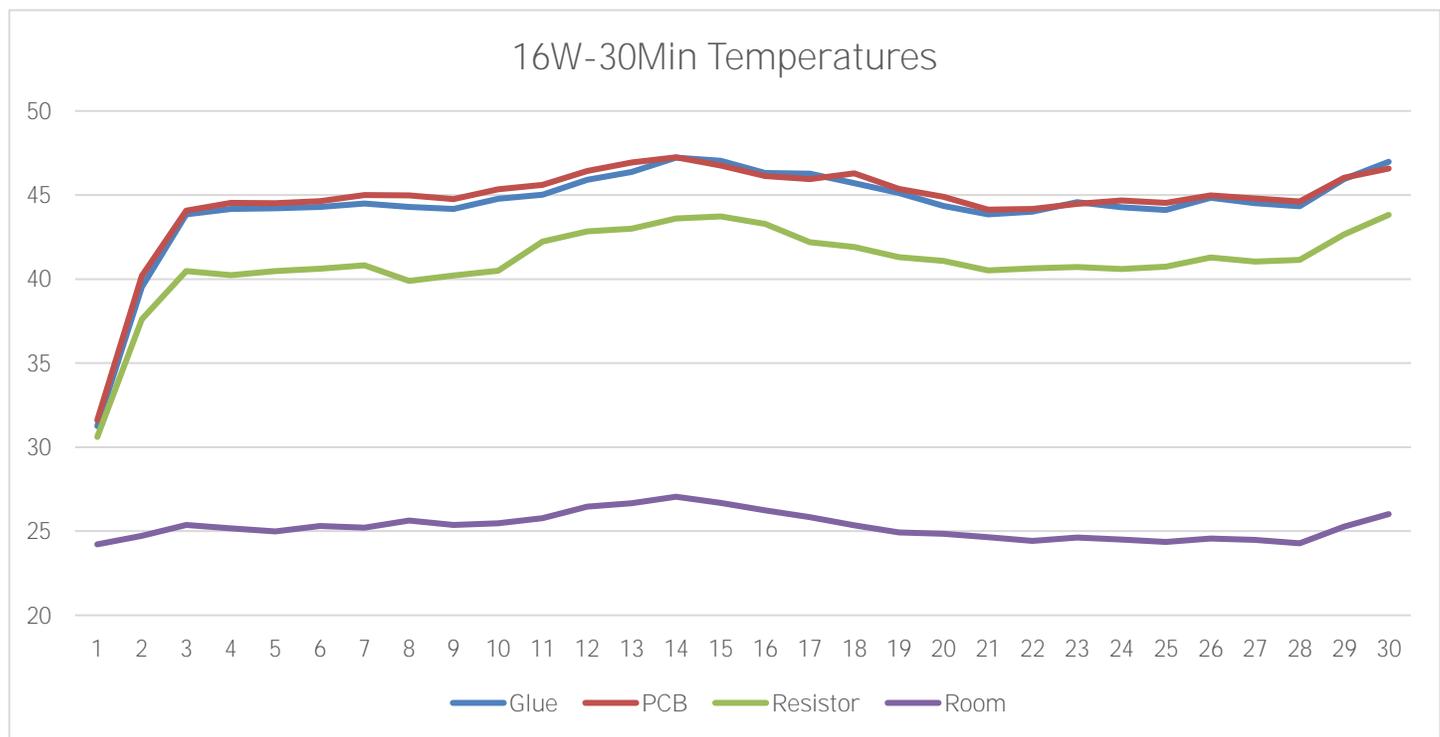
## Specifications

Item NO.	TLN-COB16-CCT
Code	
Input Voltage	24V
Ra	Ra 90+

CCT	2700K	6500K	Mix
W/M	8	8	8
Lm/M	680	720	696
Lm/W	85	90	87
Size 尺寸	W 10mm   H 1.6mm   L 5,000mm		
Cutting Length	50mm		
Lifespan	50,000 H		
Working Temperature	-20°C - 40°C		
Storage Temperature	-20°C - 45°C		
Warranty	5 years		

\* the given electrical data reflect typical values, each can vary up to 10%.

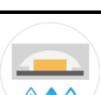
## Temp. Curve



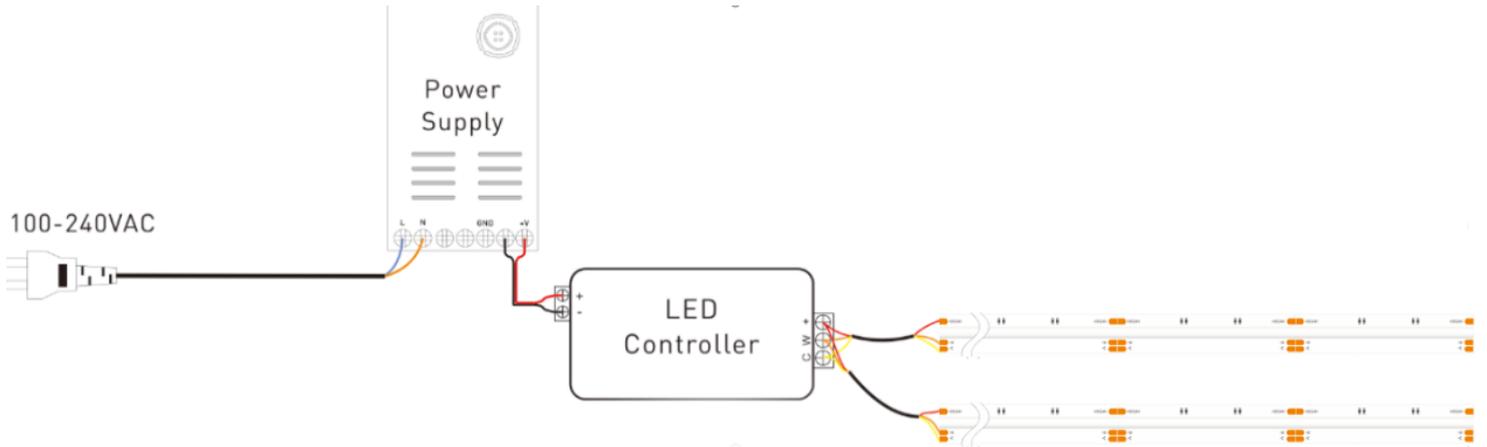
The above curves indicate the temp. changing in glue & PCB within 30 minutes after powering on, under the ambient temperature of 25 °C.

\* The above 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.

## Waterproof Ways

Cross Section	IP Rating	Details
	<del>IP54</del>	PU or Silicone glue on the surface of the led strips.
	IP65	Silicone Tube or heat-shrink tube
	<del>IP67</del>	IP67 Extrusion, Integrated Silicone
	<del>IP68</del>	Solid Integrated Silicone glue, or silicone glue with silicone tube

## Installation Ways

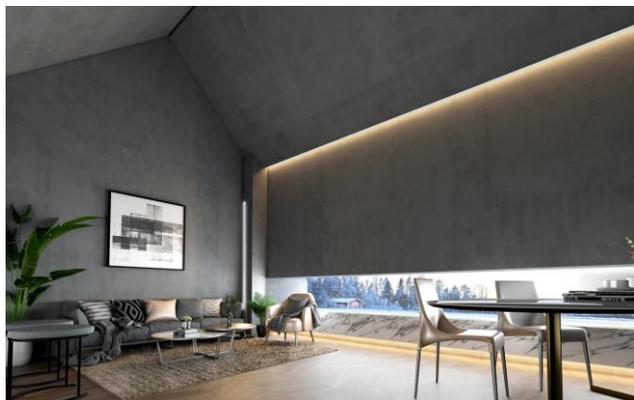


\* Make sure of the total watts of LED Strip lights is less than 80% of the power supply's max output.

\* Match the polarities according to the mark ('+' and '-') in the PCB while connecting.

## Applications

\* Commercial lighting, decorative lighting.



## Package

- 1) 5 meters per roll.
- 2) Pack each roll with anti-static bags, and label on it.
- 3) Put 25 rolls into a inner box (32\*25\*26 cm).
- 4) Put 2 inner boxes into master box (51\*34\*29cm).

