TOP LED NORDIC

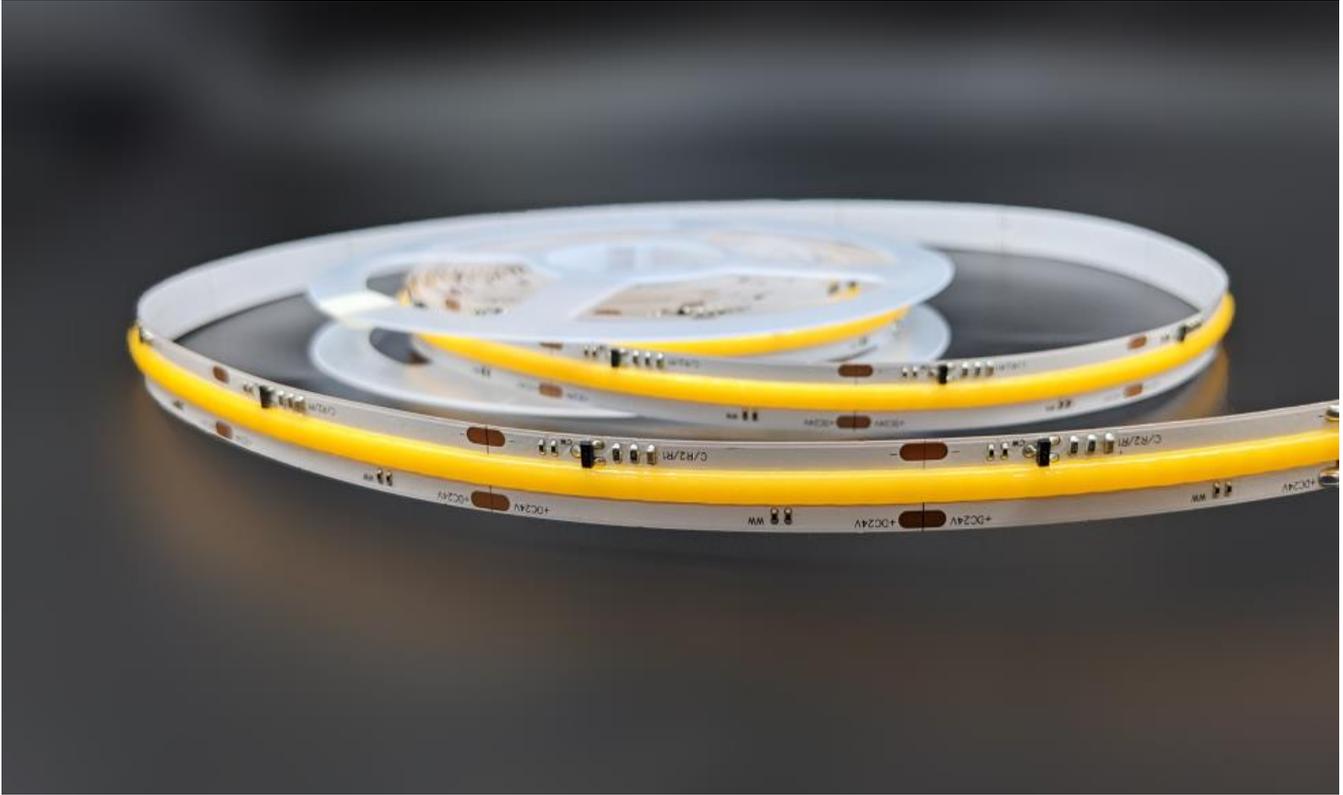| Add:	Spjutvägen 17, 746 50, Bålsta, Sweden		
Tel/Tel:	+46171-442300	Web:	www.toplednordic.se

Product Specification

TLN-COB16-D2W

Features

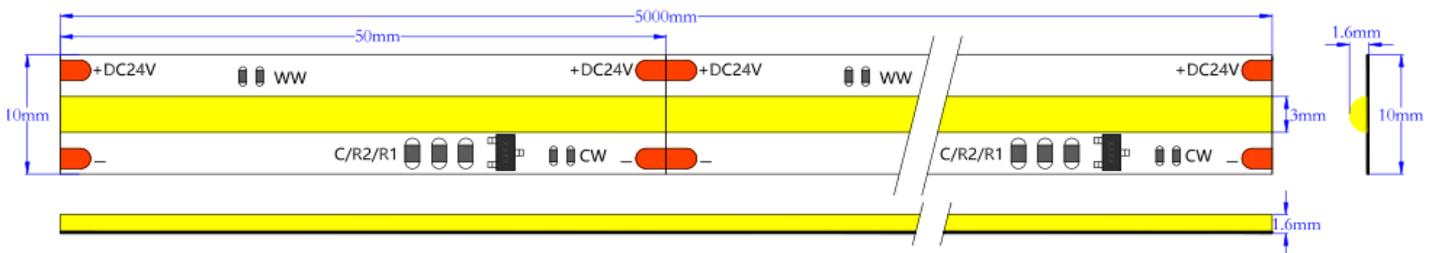Dim-to-warm design, the CCT decreases synchronously with the dimming of brightness.

Support general PWM dimming controller.

Chip on board design, no dark area and spots free.

Double layer 2oz FPC, balancing Voltage drop, heat dissipation and flexibility.
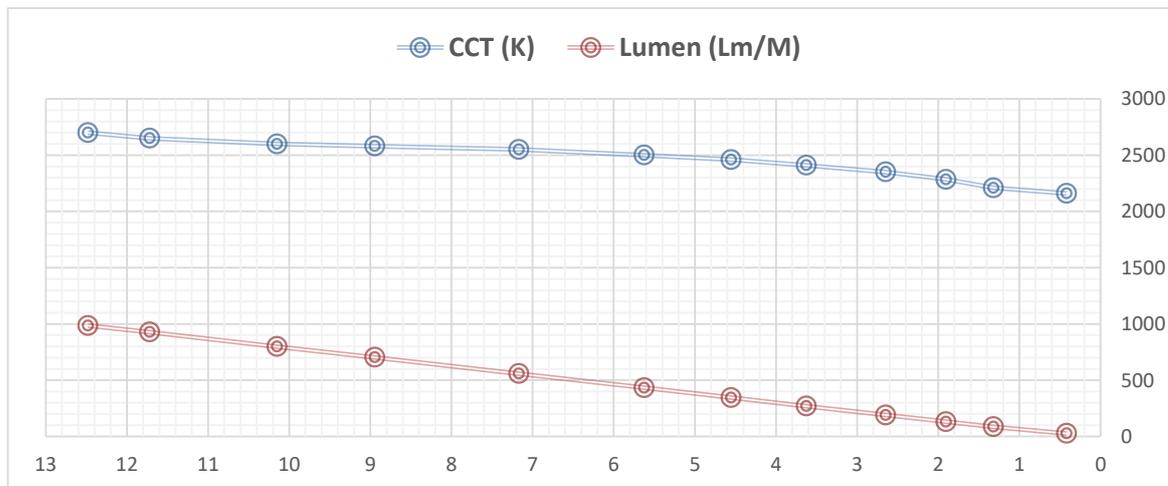

Dimensions

Specifications

Item NO.	TLN-COB16-D2W
Code	
Input Voltage	24Vdc
CRI	Ra 80+
Power	12W/m @2700K
CCT	2200-2700K
Lm/M	960 @2700K
Lm/W	80 @2700K
Size	W 10mm | H 1.6mm | L5,000mm
Cutting Length	50mm
Lifespan	50,000 H
Working Temperature	-20°C - 40°C
Storage Temperature	-20°C - 60°C
Warranty (year)	5 years

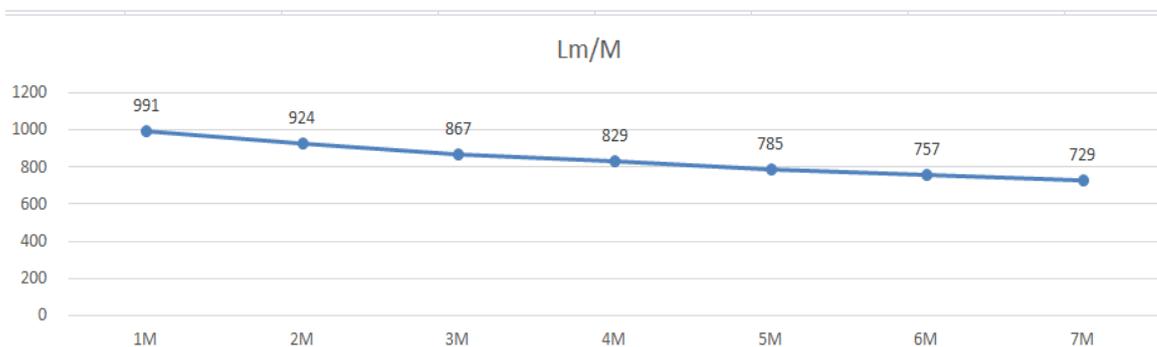* the given electrical data reflect typical values, each can vary up to 10%.

Dim to Warm Curve

The above curves indicate the CCT and flux changing when the led strip is dimming down.
As the flux decreases, the color temperature decreases synchronously.

Brightness Consistency

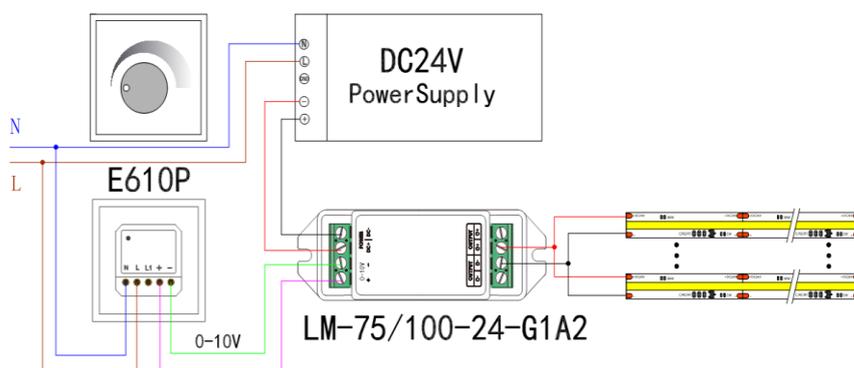The following table shows the electrical parameters of the sampling point in 7m.

Lm/M

	1M	2M	3M	4M	5M	6M	7M
Lm/M	991	924	867	829	785	757	729

From above chart, please connect 7M at most by one-end power to keep brightness consistency.

Waterproof Ways

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

Installation Ways

DC24V PowerSupply

E610P

N

L

0~10V

LM-75/100-24-G1A2

* The max running length is 7 meters, for over 7 meters please connect in parallel.

* 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

* Residential 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).