

PRODUCT DATA SHEET

CRI Available
90/95



COB Series
COB 480chips/m 10W/m



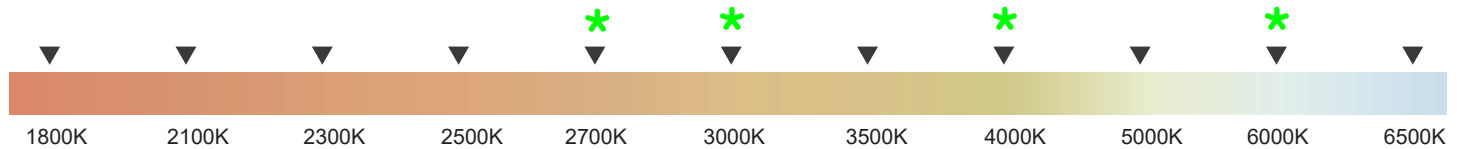
V480-F24I-X



Ⓜ Product Features

1. Beautiful linear effect with big beam angle 180°.
2. Adopt brand LED chip, achieving good quality and high brightness.
3. Our COB led strip is certified by CE ROHS & UL & UKCA.
4. Easy to install and preserve.
5. Available with 2700K/3000K/4000K/6500K/R/G/B.
6. Warranty: 3 years.

🗑 CCT Option



* Stock



Lighting Effect



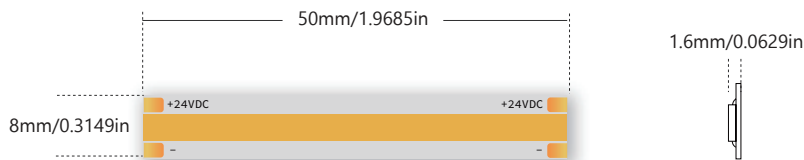
Lighting Effect


IP Rating Option



Non-Waterproof

Dimension (mm/in)



Length/Reel	Width	Height	LED Spacing	Min. Cutting 
5000mm/196.85in	8mm/0.3149in	1.6mm/0.0629in	/	Every 50mm/1.9685in (24LEDs)

Note:

LED strip length tolerance is + -0.2%mm.
Width tolerance is + -0.2%mm.


Data

Part Number	Working Voltage	Power	Current	LED Qty	CRI
V480-F24I-X	24V	10W/m	0.417A/m	480LEDs/M	90+
		3.05W/ft	0.127A/ft	≈146LEDs/ft	

X=27,30,40,60

CCT (°K)	Luminous Efficiency	lumen	
2700K	95 lm/W	950lm/m	289lm/ft
3000K	95 lm/W	950lm/m	289lm/ft
4000K	110 lm/W	1100lm/m	335lm/ft
6000K	110 lm/W	1110lm/m	335lm/ft
Other options Red	/	/	/
Green	/	/	/
Blue	/	/	/

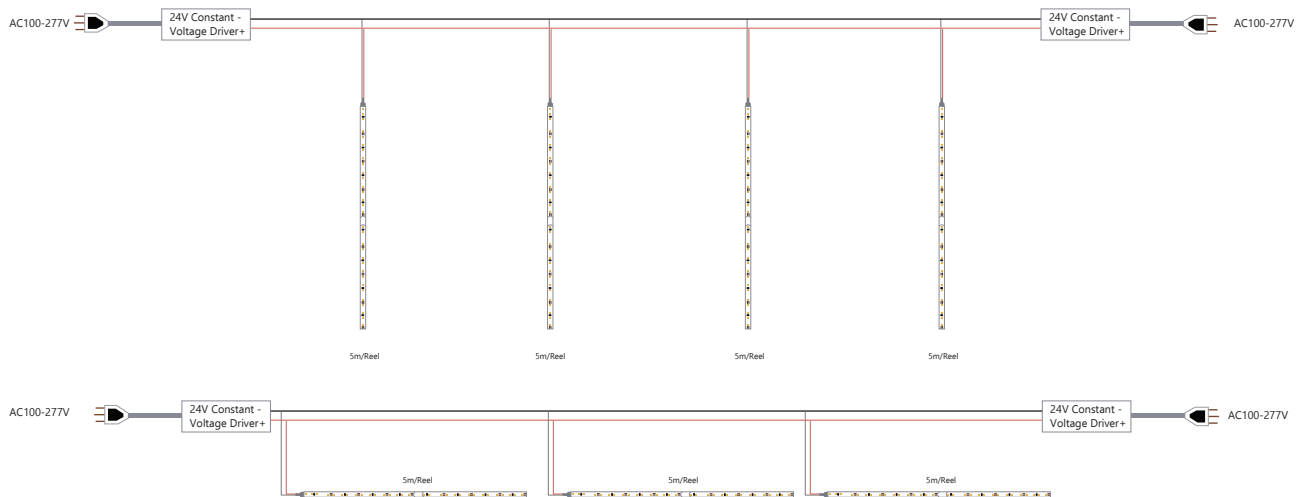
Note:

The data base on IP20 non-waterproof.
 The Lumen output value tolerance + -5% due to testing way.
 The CCT will be + -150K tolerance.

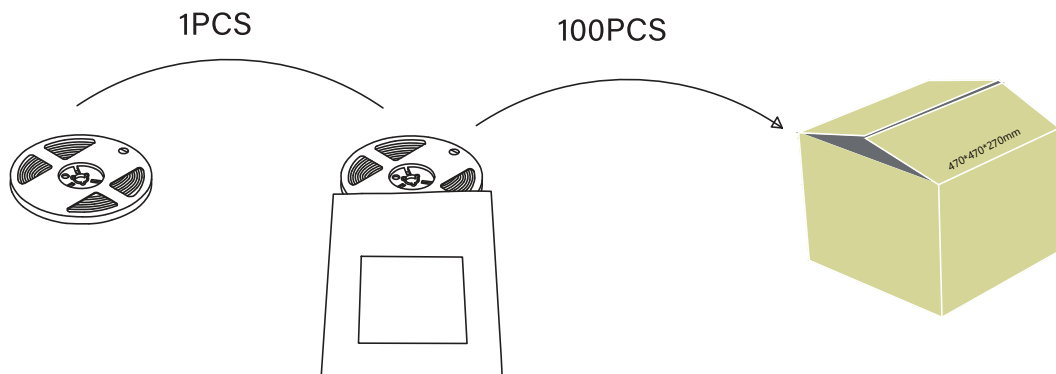
Absolute Maximum Ratings

Parameter	Symbol	Value
Thermal Measurement Point	T _c	80°C/176°F
Operating Temperature	T _{opr}	<80°C/<176°F
Storage Temperature	T _s	-20~+60°C/-68~140°F
Number of FPC Connection		

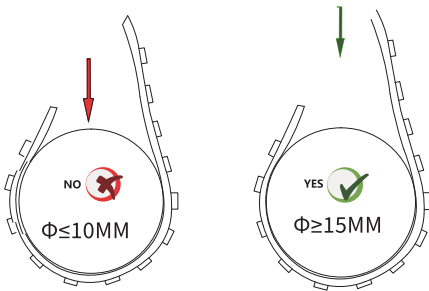
Wiring Diagram Application



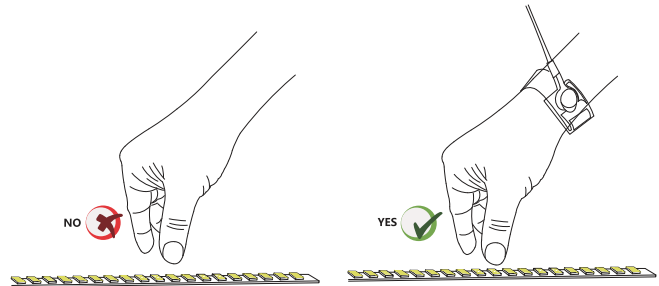
Packaging



! Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

✓ Safety & Disclosures

1. Do not install the led strip in environment where excessive heat may occur.
2. Do not extend beyond the recommended maximum run length.
3. Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. Do not install IP20 LED strip products in outdoor / wet location environments.
5. Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. Improper wire selection and installation could overheat wires, and cause fire.
7. Do not connect directly to high voltage or AC power.
8. Installation must be in accordance with local and national electrical code regulations.
9. To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.