

seed studio

INDUSTRIAL PRODUCT DATASHEET

Double Ended COB LED Strip - White(6500K) 38mm (10PCS)

This pack contains 10 pieces of 1mm Ultra-Thin Double-Ended COB Filaments (38mm).

SKU

100052952

UPDATED

2026-04-15 07:07:34

PRICE

\$4.90(Excl. VAT)



Overview



This pack contains 10 pieces of 1mm Ultra-Thin Double-Ended COB Filaments (38mm). The double-ended power design ensures consistent high-intensity brightness across long spans. Ultra-flexible and uniform, these strips bend 360° to trace complex shapes—delivering smooth, continuous light for bold contours and creative installations. Each strip comes with DIY connecting wires (Total 10 wires).

Key Features

01 1mm Ultra-Flexible & 360° Cool White

Crafted from Flexible FPC and Silicone Phosphor, this 38mm filament packs high-density chips into a tiny form factor. It emits a crisp 6500K Cool White light with CRI >80, providing a smooth, dot-free.

02 38mm Double-Ended Design

With conductive pads on both ends, this short-span design allows for stable suspension or tension mounting. The 1mm invisible width enables it to bridge narrow gaps in models or be embedded into acrylics, creating "floating" light effects without bulky wiring.

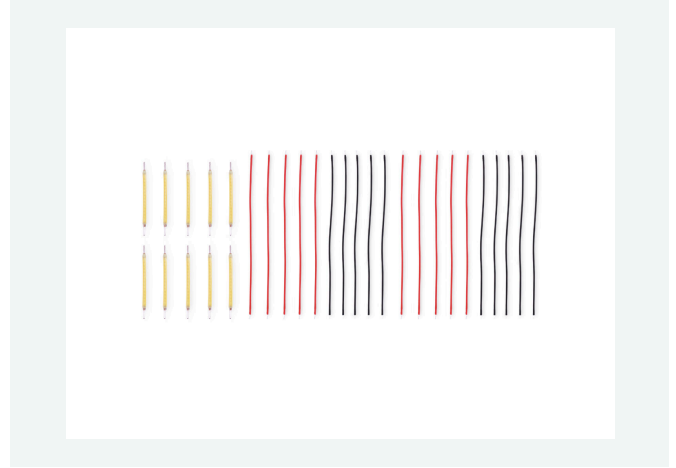
03 3V 100mA Spec & Driver Compatibility

Operating at 3V with a high current draw (~100mA), this extra-long filament delivers intense brightness. It is specifically optimized for the Low-Power Ports of the COB LED Driver Board for Seeed Studio XIAO, ensuring stable and supporting dynamic breathing or blinking effects.

04 DIY Connection Kit Included

A high-volume kit containing 10 pieces of 38mm strips and 20 pre-tinned red/black electronic wires (10cm). Designed for makers, users can solder the connections themselves, enjoying the flexibility to build custom light paths from scratch.

Product Gallery



Specification

Parameter	Description
Length	~38 mm
Width	~1.0 mm
Color Temperature	6500K (Cool White)
Luminous Flux (Brightness)	>20 lm (@ 100mA)
Operating Voltage	2.7-3.2V (Current Limiting Required)
Operating Current	<100mA (Recommended)
Power Consumption	~0.8W
Beam Angle	360°
CRI	>80
Material	Flexible FPC + Silicone Phosphor
Connector Type	Double Ended
Operating Temp	-30°C ~ +55°C

Applications

- **3D Print Lighting:** Embed inside models for cool glowing effects.
- **Christmas & Holiday Decor:** Add festive glow to tree ornaments, wreaths, or gift boxes.
- **Mini Neon Signs:** Bend into shapes for unique desktop decor.
- **Model Detailing:** Upgrade robots and figures with precision lighting details.

Part List

Double Ended COB LED Strip - White(6500K) 38mm	×10
100mm Red Connecting Wire	×10
100mm Black Connecting Wire	×10

Compliance & Logistics

HSCODE	9405429000
USHSCODE	8541410000
EUHSCODE	9405413910
COO	CHINA

Logistics	Value
ECCN	EAR99
HSCODE	9405429000
USHSCODE	8541410000
EUHSCODE	9405413910
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Double-Ended-COB-LED-Strip-White-6500K-38mm-10PCS-p-6592.html>

Seeed Technology Co.,Ltd.

9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676

Web: www.seeed.cc

Shop: www.seeedstudio.com