

INDUSTRIAL PRODUCT DATASHEET

Double Ended COB LED Strip

- White(6500K) 130mm (5PCS)

Ultra-flexible 1mm 360° Cool White COB LED strip (6500K, CRI>80) with double-ended uniform brightness, intense 3V 300mA output, and DIY connection kit for custom lighting.

SKU

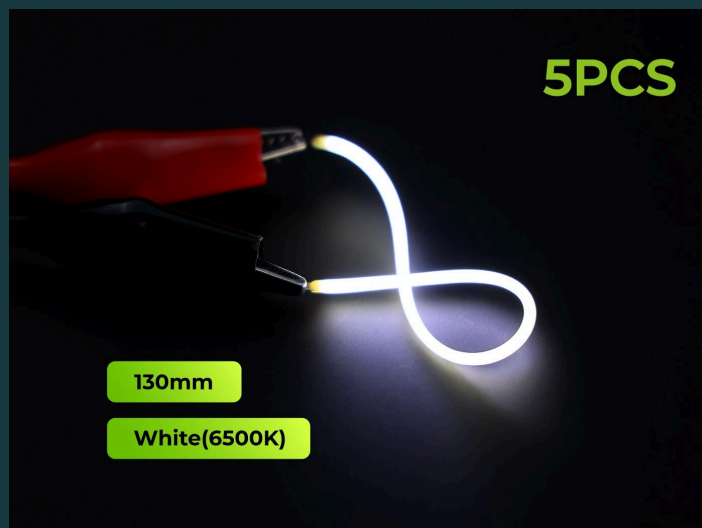
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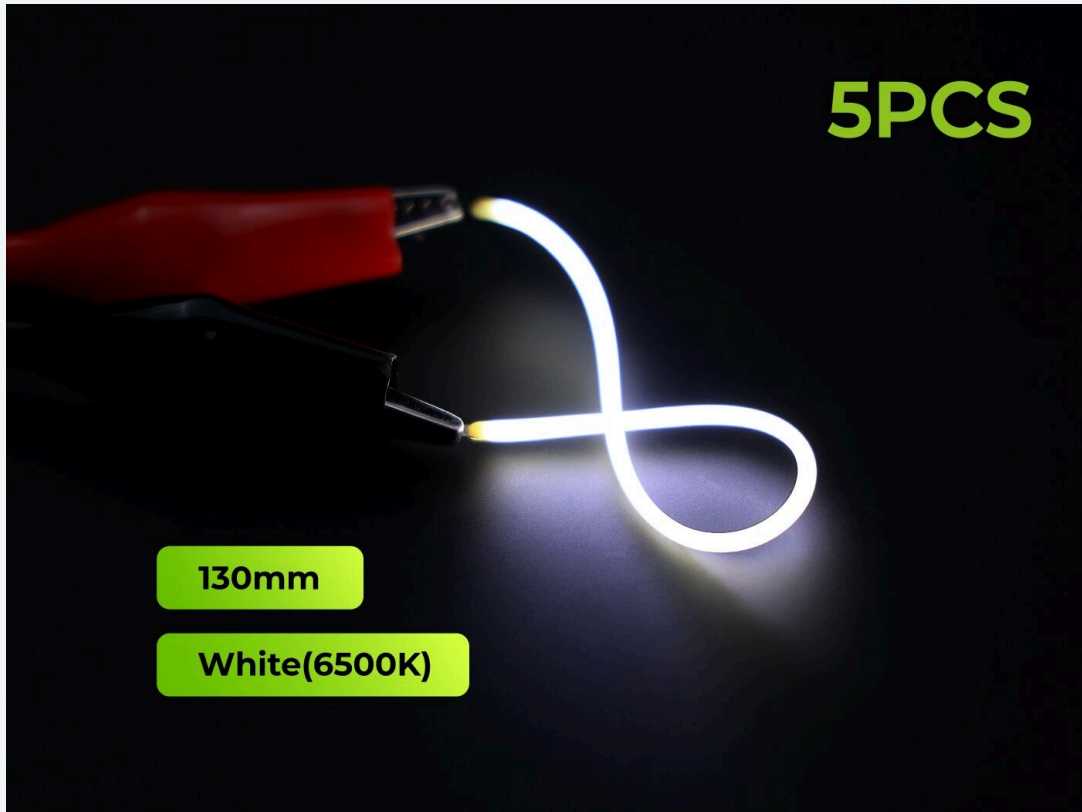
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PRICE

\$5.50(Excl. VAT)



Overview

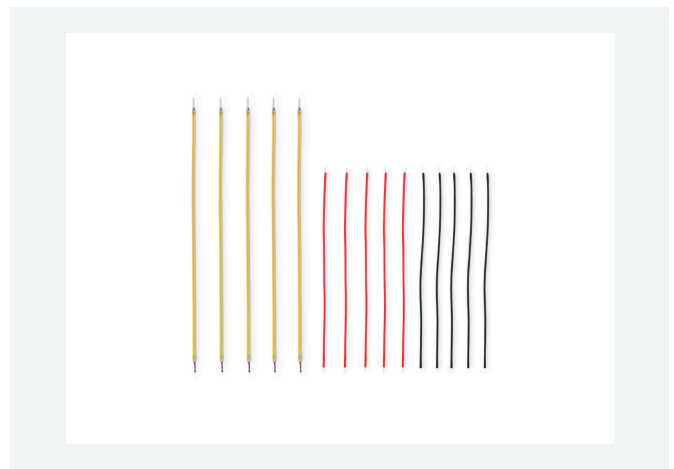
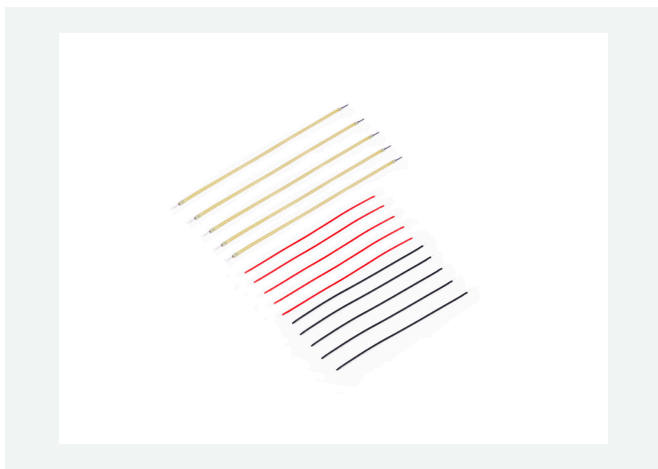


This ultra-flexible 1mm 360° COB LED strip emits 6500K Cool White light with CRI >80 for accurate color rendering and a continuous linear aesthetic. Its double-ended design ensures uniform brightness, operates at 3V 300mA with the COB LED Driver Board for Seeed Studio XIAO, and includes a DIY connection kit of 5 strips and 10 pre-tinned wires for custom projects.

Key Features

- **1mm Ultra-Flexible & 360° Cool White:** Crafted from Flexible FPC and Silicone Phosphor, this 1mm filament delivers a 360° full-angle glow. It emits a crisp 6500K Cool White light with CRI >80, providing accurate color rendering and a continuous linear aesthetic—far superior to traditional rigid LEDs.
- **110mm Double-Ended Design:** Featuring conductive pads on both ends, this design ensures consistent voltage distribution for uniform brightness across the entire 110mm length. It supports versatile mounting configurations like suspension or tension mounting, making it ideal for creating large-scale contours or "liquid light" effects.
- **3V 300mA Spec & Driver Compatibility:** Operating at 3V with a high current draw (~300mA), this extra-long filament delivers intense brightness. It is specifically optimized for the High-Power Ports of the **COB LED Driver Board for Seeed Studio XIAO**, ensuring stable and sufficient drive current for high-load applications.
- **DIY Connection Kit Included:** Prepared for medium-to-large projects, the pack includes **5 pieces of 110mm strips** and **10 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	~110 mm
Width	~1.0 mm
Color Temperature	6500K (Cool White)
Luminous Flux (Brightness)	21-25 lm (@ 300mA)
Operating Voltage	3V (Current Limiting Required)
Operating Current	<300mA (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) 130mm	x5
100mm Red Connecting Wire	x5
100mm Black Connecting Wire	x5

Compliance & Logistics

HSCODE	9405429000
USHSCODE	8541410000
UPC	
EUHSCODE	9405413910
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Double-Ended-COB-LED-Strip-White-6500K-130mm-5PCS-p-6593.html>

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