

illuburg[®]
a brand of HUATEC



LED Strip
2026

Dear Customer,

Welcome to HUATEC GmbH. Based in Hamburg, Germany, we have refined our expertise in LED power supplies, LED strips, and smart lighting control over many years, providing reliable, convenient, and high-value products and solutions to customers across the EU.

We believe that the best products come from listening. Our location in the heart of the EU allows us to respond quickly to our partners' needs and incorporate valuable feedback directly into our design process, ensuring our products are perfectly adapted to European application environments. At the same time, our factory-direct model and German-based stock ensure rapid order processing and delivery.

It is thanks to this efficient operating model that we can provide high-quality products and services while offering a highly competitive price advantage.

We invite you to discover a portfolio built for professional excellence. Your input is the driving force behind our innovation, and we look forward to your feedback and a successful collaboration.

Your HUATEC Team

Your Advantages with HUATEC

1. Comprehensive Product Portfolio

We cover the full spectrum of modern lighting control. Our range includes standard and dimmable LED drivers, professional LED strips, and advanced control devices with smart home app integration. We ensure you have the right technology for every installation.

2. Direct Supply Structure

We operate without intermediaries or external distributors. By selling directly to you, we eliminate unnecessary margins to offer a fair manufacturer price. This direct model also ensures clear communication if you have technical questions or feedback.

3. Agile Logistics from Hamburg

With our own central warehouse in Hamburg, we offer readily available stock and short delivery routes. Whether you need a scheduled stock order or have a sudden urgent demand, we can react quickly and deliver reliably across Europe

4. A Reliable Partner in the EU

We are more than just a supplier; we are your contact point on site. Our physical presence in the EU ensures you have accessible support and straightforward warranty handling, without the complications of overseas service.

5. Tailored Project Solutions

If the standard range does not fit, we adapt. Our technical team offers individual modifications, such as cable pre-assembly, OEM branding or custom complete solutions to meet your specific project requirements.



True Roll-to-Roll (R2R) Process:

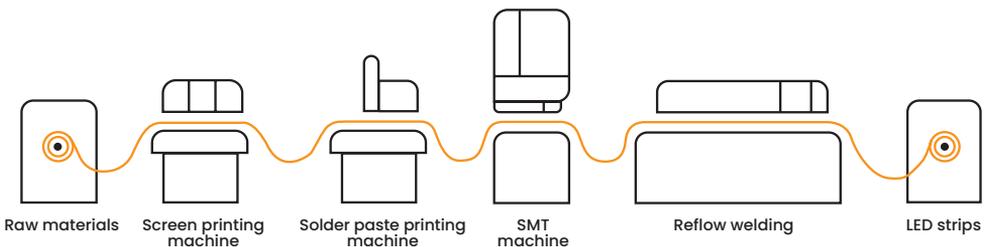
Our fully automated R2R production ensures continuous, high-precision manufacturing, delivering superior structural integrity across the entire reel.

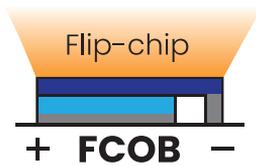
Seamless Integrated Body:

Features a sleek, one-piece design that eliminates the bulky look of traditional spliced strips, providing a premium aesthetic and easier installation.

Solderless Joint Technology:

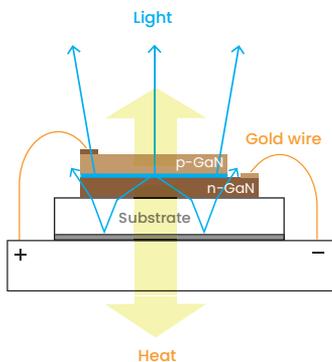
By minimizing manual splicing, we provide a "solder-joint-free" experience, significantly reducing the risk of flicker, voltage drops, or mechanical failure.



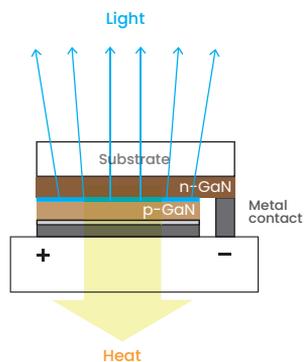


FCOB (Flip-chip On Board) is an advanced LED packaging technology where the LED chips are "flipped" and bonded directly onto the FPCB without gold wires. This creates a high-density, linear light source covered by a continuous phosphor coating, delivering a "dot-free" lighting effect.

Feature	FCOB (Flip-Chip)	Standard COB	SMD LED
Connection	Gold-wire free (Solder bond)	Gold-wire bonding	Gold-wire bonding
Flexibility	Superior (No wires to break)	Moderate (Wires may snap)	Low (Individual components)
Light Effect	Seamless & Uniform	Dot-less	Visible "Dots"
Heat Dissipation	Excellent (Direct path)	Poor (Substrate blocks heat)	Moderate
Durability	Highest	Medium	Low



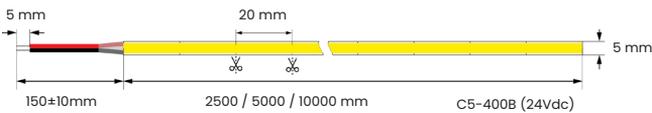
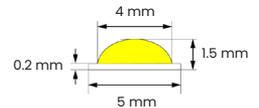
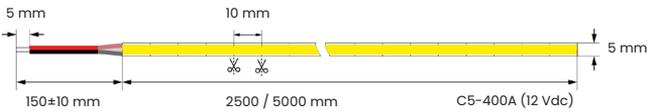
Classic LED



Flip Chip LED

COB LED Strips, 5 mm width, 400 LEDs/m

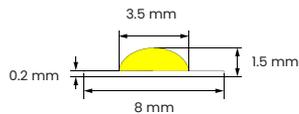
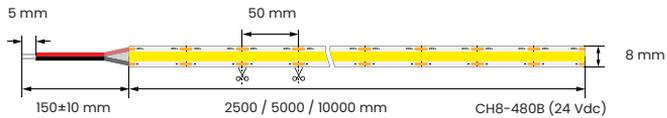
12/24 Vdc, 10 W/m, 2700–6500 K single color



Model	IP Cl.	Oper. Voltage	LEDs per meter	Efficiency	Power	Color temp.
C5-400A-WW	IP20	12 Vdc	400 LEDs/m	85 lm/W	10 W/m	2700 K
C5-400B-WW	IP20	24 Vdc	400 LEDs/m	85 lm/W	10 W/m	2700 K
C5-400A-NW	IP20	12 Vdc	400 LEDs/m	99 lm/W	10 W/m	4000 K
C5-400B-NW	IP20	24 Vdc	400 LEDs/m	99 lm/W	10 W/m	4000 K
C5-400A-CW	IP20	12 Vdc	400 LEDs/m	98 lm/W	10 W/m	6500 K
C5-400B-CW	IP20	24 Vdc	400 LEDs/m	98 lm/W	10 W/m	6500 K

COB LED Strips, 8 mm width, 480 LEDs/m

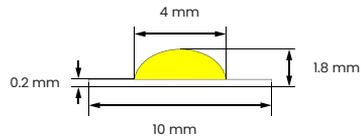
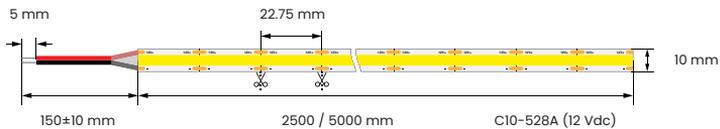
24 Vdc, 11 W/m, 3000-6500 K single color



Model	IP Cl.	Oper. Voltage	LEDs per meter	Efficiency	Power	Color temp.
CH8-480B-WW	IP20	24 Vdc	480 LEDs/m	135 lm/W	11 W/m	3000 K
CH8-480B-NW	IP20	24 Vdc	480 LEDs/m	140 lm/W	11 W/m	4000 K
CH8-480B-CW	IP20	24 Vdc	480 LEDs/m	140 lm/W	11 W/m	6500 K

COB LED Strips, 10 mm width, 528 LEDs/m

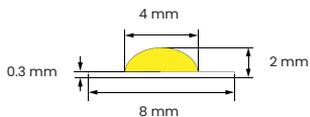
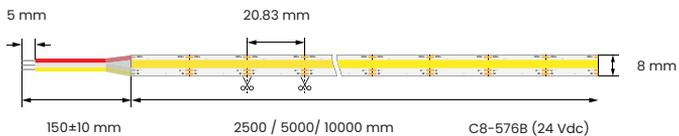
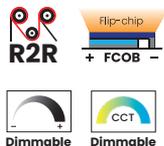
12 Vdc, 14 W/m, 2700-6500 K single color



Model	IP Cl.	Oper. Voltage	LEDs per meter	Efficiency	Power	Color temp.
C10-528A-WW	IP20	12 Vdc	528 LEDs/m	93 lm/W	14 W/m	2700 K
C10-528A-NW	IP20	12 Vdc	528 LEDs/m	112 lm/W	14 W/m	4000 K
C10-528A-CW	IP20	12 Vdc	528 LEDs/m	110 lm/W	14 W/m	6500 K

COB LED Strips, 8 mm width, 576 LEDs/m

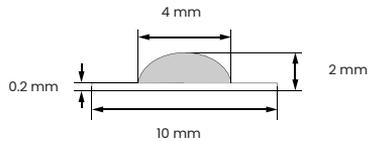
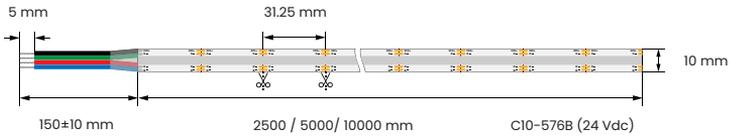
24 Vdc, 10 W/m, 2700–6500 K CCT tunable



Model	IP Cl.	Oper. Voltage	LEDs per meter	Efficiency	Power	Color temp.
C8-576B-CCT	IP20	24 Vdc	576 LEDs/m	67 lm/W	10 W/m	2700–6500 K

COB LED Strips, 10 mm width, 576 LEDs/m

24 Vdc, 14 W/m, multicolor RGB



Model	IP Cl.	Oper. Voltage	LEDs per meter	Efficiency	Power	Color temp.
C10-576B-RGB	IP20	24 Vdc	576 LEDs/m	30 lm/W	14 W/m	RGB



The logo features the word "illuburg" in a bold, lowercase, sans-serif font. Above the letter "i" is a stylized sunburst icon. A registered trademark symbol (®) is positioned to the upper right of the "g". Below the main text, the phrase "a brand of HUATEC" is written in a smaller, lowercase, sans-serif font.

illuburg[®]
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