

NEW

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The New LED Strip C12-500 CUT

Customize the strip by cutting it individually*



Introducing the Schnick-Schnack-Systems LED-Strip C12-500 CUT, a state-of-the-art lighting solution engineered for precision, performance, and unparalleled quality. Crafted with high-quality Nichia LEDs, this product is built to deliver vibrant, consistent color and flawless illumination for both commercial and creative applications. One of our customers' key challenges is achieving flexibility in dimensions, shapes, and resolution. With the new LED-Strip C12-500 CUT, we address these challenges directly, allowing you to customize the strip by cutting it individually after every single LED*.

FEATURES

Smooth external dimming via 3 x 16Bit input, advanced dimming curves and global color and global brightness input

Detailed feedback of health and operation status of every LED-Strip Including temperature, voltage, data-errors, LED-errors, operating-hours and more.

No flickering in human eye and digital camera due to average 10kHz refresh-rates.

The strip-length of 500mm uses 40 LEDs in a pitch of 12,5mm. The strip can be cut LED by LED down to 250mm and 20 LEDs on predefined cutting points.

*a minimum length of 25cm is required for functionality. 1 up to 20 LEDs can be cut.

LED Strip C12-500 CUT



Here's why the C12-500 stands out:

Unmatched Color Quality: Featuring individually spectrometrically color-calibrated LEDs and superior internal color-processing, the C12-500 guarantees true-to-life colors, with a smooth transition between shades that enhances any environment.

Precision Dimming: Enjoy seamless dimming with 48Bit color processing, capable of rendering up to an astounding 281 trillion colors. Plus, with advanced external dimming through 3 x 16Bit input, you can fine-tune brightness and color curves effortlessly, for a truly custom lighting experience.

Adaptable to Any Environment: The C12-500 is controllable with a Color Config Tool, allowing you to select and adjust dimming curves, primary colors, and white-points—perfect for adapting to warm or cold-white settings. Factory presets of 3000K or 6500K whitepoints are available, and custom settings can be made upon request.

Flicker-Free Performance: Say goodbye to flickering issues. With an average refresh rate of 10kHz, the C12-500 ensures smooth operation without visible flicker, both to the human eye and in digital cameras.

Incredible Compatibility and Flexibility: The C12-500 supports framerates of 60fps (or higher on request), and can sync with various devices, including V-Lock signals from video sources. The strip can also be grouped, reducing the number of channels for simplified installation.

Effortless Integration: With global control channels, this strip easily interfaces with building control systems, making it ideal for large-scale projects and automation. Up to 4 meters of strip can be powered from a single cable, reducing installation complexity.

Durability and Precision Engineering: Made in Germany with industrial-grade components, the C12-500 is designed for long-term reliability. Manufactured with the latest 3D inspection technology (SPI and AOI), it meets the highest quality standards, ensuring trouble-free operation for years to come.

Long-Lasting Support: Backed by over 20 years of expertise in the LED industry, Schnick-Schnack-Systems offers long-term product support, often exceeding 10 years.

Whether you're outfitting a commercial space, creating innovative art installations, or looking for superior lighting control in your projects, the LED-Strip C12-500 is your go-to solution for professional-grade, customizable, and sustainable lighting.

Ready to take your lighting to the next level? Choose the C12-500 LED-Strip for performance you can count on, backed by a name trusted in the industry.