

INNOVATIVE LED DRIVERS


We design, develop and manufacture.

 **2009**
established


 **24,000m²**
of production facilities

 **600+**
highly skilled employees

 **27Mio**
annual driver production capacity

 **300+**
different LED driver types in our product portfolio

 **60+**
engineers in our R&D centers in Shenzhen, Shanghai and Chongqing

 **ISO 26001**
we are committed to managing our company in ways that are socially responsible and environmentally sustainable

 **5**
private labs

 **3Mio**
DALI drivers produced



As a participant in the United Nations Global Compact, we support and respect the 10 principles of human rights, environment, labor, and anti-corruption, and we reflect these principles throughout our policies and practices.



We make sustainable and eco-friendly choices easier! Our commitment is to measure and minimize the environmental footprint of our LED drivers and services and report these impacts in a highly transparent, objective, and comparable way. Available in October 2024.

5-YEAR WARRANTY

The right choice - guaranteed!

With CUPOWER products, you always make the decision for innovative technology, constantly high manufacturing standards, and above average operational durations.



To ensure we exceed your expectations in terms of quality and perfection, we provide extended warranty periods that are above the industry average. This straightforward and secure offering requires no prior registration.

A 5-year warranty duration is offered on CUPOWER products with a nominal service life of $\geq 50,000$ operating hours.

How do we guarantee our quality?

X-ray

Solder joint reliability is one of the most important factors in the lifetime of LED drivers. Only by using advanced X-ray systems the required high quality of soldering can be proved and guaranteed.

Burn-in test

All our drivers undergo a rigorous 2-hour burn-in test after production. Only this way we can ensure our target of 0.05% per 1,000h lifetime, while the industry standard is 0.2%.

THB testing

We are simulating a long lifetime by creating harsh humid and stressful temperature conditions for our drivers to evaluate the performance and durability of LED drivers in a short period. These tests play a vital role in predicting and improving the lifespan and reliability of LED drivers.

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CUPOWER

CUPOWER

BORN TO BE LIGHT.

Design
Development
Production
of LED drivers

www.cupower.com

CUPOWER

CUPOWER, established in 2009, specializes in the research, development, production, and sales of high-quality LED components.

With over 15 years of expertise in designing and manufacturing LED drivers, our product range includes more than 300 cutting-edge products tailored for the global market. Beyond our comprehensive standard offerings, we welcome the opportunity to create fully customized and bespoke solutions to meet the unique requirements of our valued clients.

At the core of our success is a highly innovative R&D department, continually pushing the boundaries of LED driver technology. Coupled with our deep expertise in process-oriented production, we are able to develop sophisticated, reliable, and efficient LED drivers that meet the highest industry standards.



CUPOWER is a member of the ZVEI, the German Electrical and Electronic Manufacturers' Association.



CUPOWER is a regular member in the DALI Alliance.



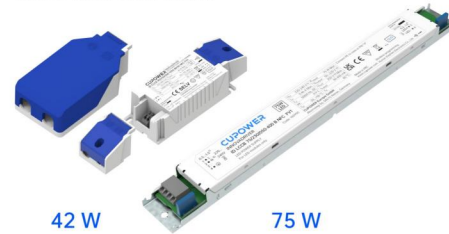
CUPOWER is an associate member in the Zhaga Consortium.

FOCUS TOPICS

Bluetooth & Mesh

Our platform approach

SELV and Non-SELV



- Flexible platform for multiple systems
- Strong and quality signals via external antenna
- Large product portfolio
- Only one thermal and EMC measurement per platform
- Slim design: 16mm linear | 21mm compact

Track

The future of track lighting is now!

ON/OFF - DALI-2 - Mesh & Bluetooth



- First EL-approved track driver
- Suitable for vertical application
- DALI-2 and Mesh & Bluetooth with NFC setting

DT8 tunable white

Colour changes made easy!

SELV and Non-SELV



- Constant current and constant voltage
- Colour temperature range: 1,500-6,500K
- Standby power only ≤ 0.3 W
- DT8, DT6 with 1 or 2 addresses (2 fully independent channels)
- Slim design: 16mm linear | 21mm compact

Outdoor

First fully recyclable drivers!

ON/OFF - D4i



- Easy and fast wireless luminaire programming via NFC
- **D4i**
- SeasonControl for autonomous dimming with five independent levels
- Integrated customizable thermal management
- Standby power consumption : < 0.3 W
- Average failure rates of 0,05/1.000 h



Lifetime



DC operation



Wide operating windows