

ELECTRONICS for LIGHTING

From Design to Production

 2009

established.

 20,000 m²

of production facilities.

 600+

highly skilled employees.

 40 Million

annual driver production capacity.

 300+

different LED driver types across our product portfolio.

 150+

engineers in China and Germany to drive product competitiveness and innovation.

 ISO 26000

we are committed to managing our company in a socially responsible and environmentally sustainable manner.

 5

private labs.

 4 Million

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.

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.

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 critical to LED driver lifespan. We use advanced X-ray inspection systems to verify solder quality and ensure long-term performance.



Burn-in test

All our drivers undergo a strict 2-hour burn-in test post-production. This process ensures we meet our target failure rate of 0.05% per 1,000 operating hours - significantly below the industry standard of 0.2%.



THB testing

We conduct accelerated lifetime testing by exposing our LED drivers to high humidity and extreme temperature cycles. These conditions simulate years of operation in a short time, helping us validate reliability, predict lifespan, and optimize product durability.

CUPOWER Europe GmbH

Ahornweg 5a, 58675 Hemer, Germany
+49 2572-568-7570
dirk@cupower.com

CUPOWER North America, Inc.

655 Raco Dr. Suite A, Lawrenceville, GA 30046, USA
+1 905 658-2500
scottr@cupower.com

Shenzhen Xiezen Electronics Co., Ltd.

Floor 2, Building E, Taohuayuan Smart & Innovation Park,
Bao'an District, Shenzhen, China
+86 755-2781-9400
sales@cupower.com

www.cupower.com

CUPOWER
BORN TO BE LIGHT.

Power Smart Light

Design, Development, and Production

of Advanced Electronics
for Lighting Applications

CUPOWER

CUPOWER was founded in 2009 and specializes in R&D, production and sales of innovative lighting components. With over 16 years of industry experience, we offer a portfolio of 300+ standard solutions tailored to global markets.

Backed by a seasoned expert team from Germany, CUPOWER combines deep industry insight with technical strength to deliver advanced smart lighting solutions, especially for high-end applications.

In addition to our standard range, we collaborate closely with customers to develop tailored, application-specific power solutions.



CUPOWER is an associate member of the Bluetooth SIG, contributing to the advancement of Bluetooth® technology in smart lighting.



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

Smart lighting made simple!

Multi-system platform

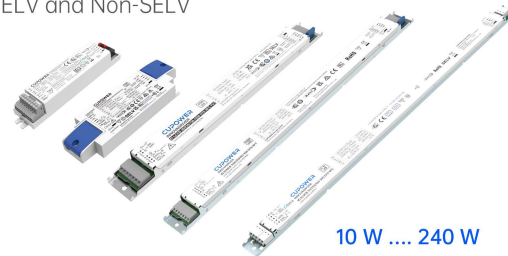


- Flexible platform for multiple ecosystems
- Strong, high-quality signals via an external antenna
- Large product portfolio
- Only one thermal and EMC measurement per platform

DT8 tunable white

Colour changes made easy!

SELV and Non-SELV



- Constant current and constant voltage
- Colour temperature range: 1,500-6,500 K
- Standby power only ≤ 0.3 W
- DT8, DT6 with 1 or 2 addresses (2 fully independent channels)
- Slim design: 11 mm linear | 21 mm compact

100% EPDs for our LED Drivers
Powerful tools for luminaire manufacturers for greener products.



- Easier, faster creation of luminaire-level EPDs
- Credibility for green building certifications
- Data-driven eco-design and sustainability reporting
- Stronger transparency and market differentiation

Sensors

Detect smarter - wirelessly!

Built-in and ceiling-mounting



- Compact sensor designs for luminaire built-in and ceiling-mounted applications
- Integrated light sensor and presence detector
- Support of various dimming interfaces DALI, 1-10 V and 0-10 V
- Wireless communication with high performance antenna

