

INTEGRATED LIGHTING AND SYSTEM SOLUTIONS



LED CERAMIC CHIP



HIGHLY EFFICIENT & LONG SERVICE LIFE

The efficient LED chips with ceramic housing offer a service life of over 100'000 hours without any loss of brightness or colour temperature shifts. The patented phosphor technology is resistant to aggressive air particles or sulphates. With a colour fastness of 90 CRI, output values of up to 200 lumens/W are possible. With our many years of experience and our deep knowledge, we can support you in all questions of lighting.

TECHNOLOGY OF GAN

EFFICIENCY OF UP TO 97 %

Gallium nitride, or GaN, is a semiconductor material that is starting to be used in chargers. Since the 1990s, it's been used to create LEDs, and it's also a preferred material for solar cell arrays on spacecraft. When it comes to chargers, the main advantage of GaN is that it produces less heat. Because less heat means components can be closer together, a charger can be smaller than ever before while still meeting all power and safety requirements.



REFERENCES


STADLER

 SBB CFF FFS

 Rhätische Bahn

 bls

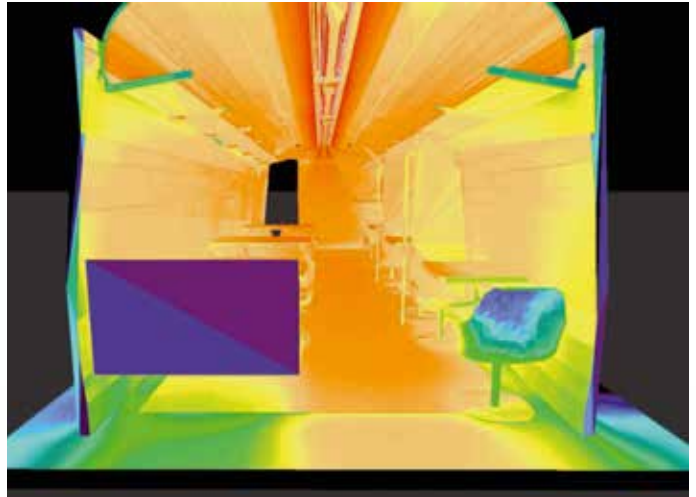
 JUNGFRAU
TOP OF EUROPE

 S-Bahn Berlin

Die Bahn 

SIEMENS

COMPETENCES



PROJECT MANAGEMENT – PLANNING & ENGINEERING – SIMULATION – PRODUCTION

We have a long and extensive experience in fulfilling specific customer and project requirements. As a strategic partner, we support you from the development to the assembly process.



CONSULTING AND PRODUCTION. EVERYTHING FROM ONE PARTNER.



Designed and developed in Switzerland.



Our production sites are in Switzerland and Montenegro.

**TRUNZ FAHRZEUGTECHNIK AG
FOR INTEGRATED LIGHTING AND SYSTEM SOLUTIONS**

Trunz Fahrzeugtechnik AG is one of the leading designers, developers and manufacturers of lighting and system solutions for public transportation.

We offer lighting and system solutions in the areas of interior, driver's cab, cockpit and luggage rack, as well as special lighting. Electronic power supplies, drivers for LED solutions, supply units for signal lamps and charging devices complete our product range. We are also committed to provide you with the best services and support in modernization and refit projects, such as LED upgrade projects. We are your partner for integrated solutions.

Complex lighting and system solutions are our passion and our experienced team ensures excellent quality and on-schedule completion of our products. Innovation, know-how and the consistent quest for perfection are part of Trunz Fahrzeugtechnik AG's philosophy.



Trunz Fahrzeugtechnik AG

Technologie Center
Ahornstrasse 1
9323 Steinach
Switzerland
Phone +41 71 447 90 50
fahrzeugtechnik@trunz.ch
www.trunzfahrzeugtechnik.ch