

HIGH-PERFORMANCE – LED-TECHNOLOGIE

industrial production-hotels-buildings-sports facilities-event and show lighting-architectural and street lighting-greenhouse-customised custom made and much more.

To love the environment and our successive generations.

We "Live" light!!

Digital conference

AHK Business Trip Italy

"Energy-efficient restoration and refurbishment".

01.03. - 05.03.2021



LED-LIGHT-Germany's high performance LED-Technology is designed, developed and made in Germany.

LED-LIGHT-Germany is

- **a specialized manufacturer for lighting and interior**
- **The lightning, the interior and service offers are tailored to the respective customer needs and projects.**
- **a system partner for energy-efficient lighting systems and renovation, with the highest possible quality and service processes**

LED-LIGHT-Germany

- **analyzes and develops the optimal solution for each project together with its customers.**
- **equips Hotels with all types of Lighting and interior**
- **equips Hotels with antibacterial and germ-free concepts for new buildings, and also especially for quick renovations from existing objects.**
- **also provides hospitals, schools, kindergarten with antibacterial light concepts and human centric lightning**
- **as well as antibacterial light concepts for the food- and clean-room industry.**
- **LED Lights can be used for architecture, monuments, public areas, landscape lighting, Sport- and Eventhalls/places, theater and conference and exhibition halls**

Which target persons are we looking

- **Operator of Hotels**
- **Fun and leisure Parks**
- **Architects**
- **Lighting-Designer**
- **Projectplaner/developer**
- **Electrical and Energy companies as Cooperation Partners**
- **Private and Municipal Facility Management Company**
- **Operator of Monument-Cultur-Sports and Event Venues**
- **Production Companys**
- **Gouverment (Public-Lighting)**

Unique Selling Points

- > Research & Development Chip technology since 2006
- > 5-Color High-Performance Technology since 2009.
- > No binning absolute uniformity of colors over the entire lifetime possible! !
- > **Up to 10 years gurantee warranty based on experience and proven existing projects. no calculations from laboratory values. we know what we promise our customers and keep this promise !!! “Trust and believe” this is the foundation on which we have built our company and will always maintain !!!**
- > Stepless CRI control of CRI 60 - CRI 97
- > All luminaires are passively cooled. Areas of application up to 100 degrees are possible
- > Highly reflective reflectors with special facets and surface structures also with special steaming for the lifetime. They are a garant for absolut homogene illumination
- > Modular design allows almost near unlimited use
- > Modular design allows almost unlimited use
- > Cradle to Cradle return of used products into the resource cycle
- > permanently protected anitbacterial and germ-free light
- > permanently protected anitbacterial and germ-free interieur
- > Special financing options includet ESCO Models which are optimally adapted to the project

Some successfully implemented Projects

Kameha Grand Hotel Bonn 2011 Hotel of the Year worldwide



CO2 Einsparung: 33.90 Tonnen/jährlich



RALEDSOURCE™ illuminated one of the world's best real estate projects. Since October 2009, this unique LED lighting technology is in operation 24 hours and therefore more than 70.000 hours without led failure. Despite the difficult application area (under a glass roof) and only with passive cooling!!!

Kameha Grand Hotel Bonn RALEDSOURCE replaces **2009** the planned **35000 Watt** conventional ceiling lighting (hit and halogen) with just under **5.0000 Watt** of its high-performance LED RGBW lighting technology. In daily operation only **1400 Watt** are required. At a light point height of **25 meters**, the **required 500 Lux** can be safely secured **on the ground**



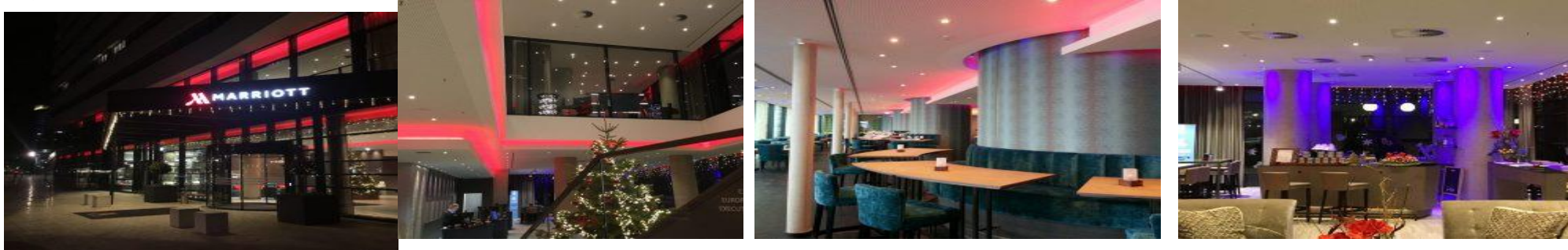
Titanic Deluxe Berlin, Französische Straße Facade Lighting

With a total power of only 120 watts LED illuminated (0.8 watts per led spot and window)



Since mid 2016, the **Bonn Marriott World Conference Hotel, part of the WCCB – World Conference Center Bonn** has been shining at all levels in highly efficient and atmospherically pleasing high-performance LED light.

Already with the entrance to the lobby, the many light accents controllable in all colours: whether full-coloured brackets, discreetly warm illuminated wall patterns or modern polygons (each individually made) – the luminaires convince by their excellent Efficiency while at the same time perfect illumination, creating an aura that invites you to linger.



Kursaal Bern is considered to be the largest Congress and cultural centre in the Espace Mittelland in Switzerland and offers numerous rooms with the latest technology for various occasions.

The conference Room Forum, which with its concise façade is regarded as a new landmark of the city of Bern. 900 LED lamps immerse the total of 2,000 square meters in a refined light, because the modern ceiling lighting designs the room at the touch of a button in the colour of your choice – so every event will have an unforgettable frame. The conference rooms are equipped with highly efficient LED downlights, dimming via Touch panel and a turnable white.



RALEDSOURCE im Humboldt Carre, Berlin



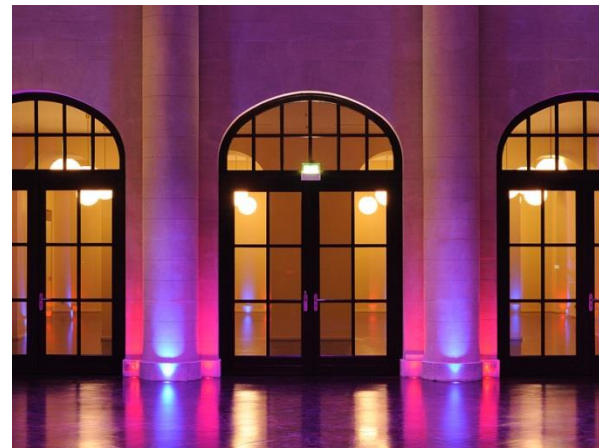
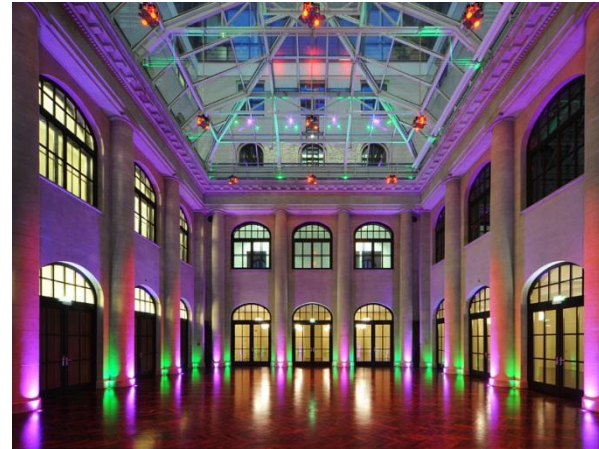
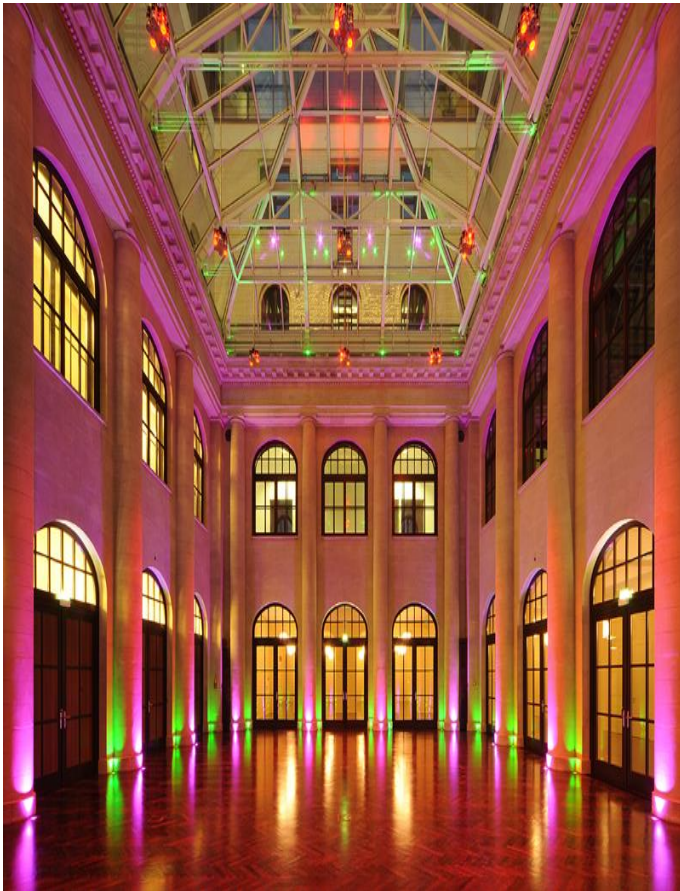
**2011 The Humboldt Carre Berlin
receives the award
“Best Eventlocation in Germany”**



The independent jury of experts was particularly enthusiastic about the world's unique high-performance LED lighting system. With only just under 600 Watt of LED-RGBW total power, which is fully controllable and dimmable via DMX, this system convinced holistically.

RALEDSOURCE im Humboldt Carre, Berlin

Conference hall with a total of 600 watts led RGBW illuminated and via DMX fully controlled!!



**The Aparthotel Villa Freisleben dates back to 1916 and is decorated in Art Nouveau style.
Our full color (RGBAW) high performance LED architectural lights make dreams come true**

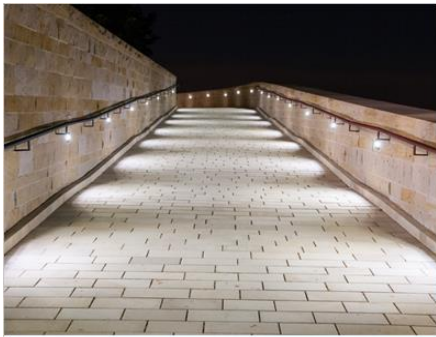


Festung Ehrenbreitstein At the German corner, the place where the Moselle flows into the Rhine, is the second largest fortress in Europe. Today on the fortress next to the Provincial Museum Koblenz with its manifold exhibitions also the memorial of the German Army, part of the UNESCO World Heritage, as well as a youth hostel. The historic fortress and its generous parks are set in a unique way by the harmonious lighting.



Hambacher Schloss is referred to as the "cradle of democracy" because of the Hambach Festival of 1832, as a milestone on the development of Germany to democracy – thanks to this cultural significance, the castle is still preserved as a building monument.

In addition to historical exhibitions, the National memorial is also the scene of modernity: the historical festive halls and the romantic courtyard as well as the unique restaurant with roof terrace today offer space for various events



Reichsinsignien At the castle Trifels. Since 2010 we illuminate with 4 x 1.6 Watt system performance of our high-performance led spots specially made for these showcases, UNC Ersetzen thus the originally planned conventional luminaires per display case with 4 x 20 Watts. The high-performance led spots are controllable via DMX and can be changed in the color temperature of 2000-8000 kelvin.



Shop-Lighting FashionHouse Burghaus with the RALEDSOURCE. In the direct LED lighting comparison with a competitor, we have proven to require 20% less energy than this and far better illumination thanks to the brilliant CRI 97 value of our high-performance LED light technology. Furthermore, fewer have been used for 174 lights





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