

#### **HIGH-PERFORMANCE – LED-TECHNOLOGIE**

To love the environment and our successive generations. We "Live" light!! VII Energy Business Trip Cape Verde | 16.-19.11.2021



Deutsch-Portugiesische Industrie- und Handelskammer Câmara de Comércio e Indústria Luso-Alemã



Designed, developed and made in Germany









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 interieur
- The lightning, the interieur 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 is** 

- > analyzes and develops the optimal solution for each project together with its customers.
- equips Hotels with all types of Lighting and interieur
- 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





# **Unique SellingPoints**

- 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 homogen illumination
- > Modular design allows almost near unlimited use
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- > Cradle to Cradle return of used products in to there source cycle
- Permanently protected antibacterial and germ-free light
- Permanently protected antibacterial and germ-free interieur
- > Special financing options includet ESCO Models which are optimally adapted to the project





Products and Services High Performance LED Lighting Systems for Hotels

> advice on the lighting concept, considering individual ideas and the budget

CAD-supported light calculation

- detailed preparation of offers with product data sheets and entry of project-related information in existing construction plans
- technical advice, for example in the planning of feed-ins and integration into control systems (KNX, DALI, DMX, etc.)
  - mock-up samples for coordination with the building owners directly on site
- support for all companies involved in the project in execution planning, realization and coordination according to schedule
- just-in-time deliveries incl. labelling of the luminaires with installation place for allocation on the construction site

Planning support & <u>project</u> assistance for / architects / designers /

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project managers LED-LTCHT - Germany GmbH



Kameha Grand Hotel Bonn 2011 Hotel of the Year worldwide



CO<sub>2</sub> savings: 33.90 tons / year



RALEDSOURCE <sup>™</sup> 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)







2011 The Humboldt Carre Berlin receives the award "Best event location in Germany"





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





### Humboldt Carre, Berlin

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











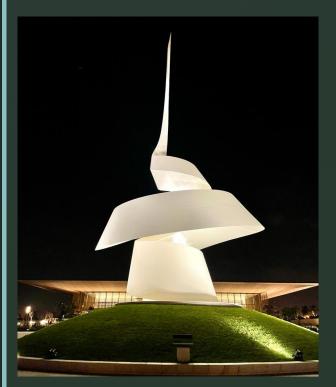
# Project "Monument-Lighthing House of Wisdom "Sharjah UAE







# Project "Monument-Lighthing House of Wisdom " Sharjah UAE











# Keine Projektbeschreibung erlaubt







Keine Projektbeschreibung erlaubt



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