

Our Staff, our Team, our Radium.

We make the difference.



# The jewel of the lighting industry. Radium at a glance.

- Oldest active German lamp manufacturer
- Headquarters in Wipperfürth: production, development and sales location for Radium products
- International sales and service orientation
- Medium-sized company structure with highest demands on quality and flexibility









#### Strong foundation, strong roots.

### The basis for solid growth.

#### Important milestones in the company's history

#### 1904

#### Foundation

On January 29, Richard Drecker and Adolf Berrenberg - an employee of Edison in the USA - founded the "Berrenbergsche Electricitätswerke GmbH". In the same year, the company was renamed "Radium-Elektrizitäts-Gesellschaft m.b.H.".



#### 1967

#### Technical breakthrough

Color television went on air: Radium lit up the studios - and the game show "The Golden Shot" could be broadcast brilliantly.



#### 2014

#### FIFA World Cup in Brazil

World Cup in Brazil: 8 out of 10 stadiums are illuminated with floodlights from Wipperfürth. The German national team becomes world champion under our lighting!



1904 1917 1967 1972 <sub>//</sub> 2014 2021

#### 1917

#### Change in management

Eugen Kersting took over the management together with Richard Drecker. Under his technical leadership, Radium entered a golden age of impressive developments and far-reaching technical progress.



#### 1972

#### Showing competence

Radium equipped all sports facilities at the Olympic Games in Munich with especially developed lamps.

#### Today

#### Tradition and experience

As Germany's oldest active lamp manufacturer, Radium produces innovative lighting technologies on highly industrial production lines for worldwide demand.

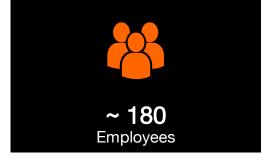


### Germany, North Rhine-Westphalia, Wipperfürth.

### The region of light.















### Radium Lampenwerk GmbH.

### Important highlights.

We aim to become a leading full-fledged supplier of a broad portfolio of lighting products in attractive and profitable niche segments.



Leading and renowned lighting brand - brands in >80 countries



High-end operating facilities in Wipperfürth



Direct and international customer access



Integrated player with all internal competencies



Strategically advantageous locations



Qualified and experienced workforce



Comprehensive general lighting portfolio and professional niches



Profitably operated company

### Pre-product, precede, present fulfilment.

### A complete value-added chain for complete autonomy.



# Innovation & Development



- Development of prototypes in collaboration with customers/technology leaders (e.g. 3D printing)
- Development activities in the field of LEDs and smart lighting
- Patent-protected innovation in chemical and other precursor materials secures competitive advantages



# Production& Processing



- Highly automated and already existing production facilities with robots used there
- Versatile production of a wide range of traditional and LED light sources
- Conversion, maintenance and adaptation of highly specialized machines



## Logistics & Distribution



- Procurement of input materials and lamps (merchandise) from several sources
- In-house logistics with automated high-bay warehouse with approx.
   20 storage levels
- Proven expertise for complex and transnational goods deliveries



#### **Quality & Testing**



- On-site light lab with special measurement facilities, e.g. for spectral analysis
- Testing of all chemicals developed in-house to ensure the highest standards of lamp quality
- ISO certificates for process quality, environment and energy are available



#### Sales & Marketing



- Radium products are sold via competent distributors
- Main sales area: European countries
- According to GfK, Radium is in third place in terms of brand awareness in Germany

#### Our Guidelines.

#### Vision and Mission.

We have developed a vision for our company that addresses "Why we work", as well as providing guiding principles for the mission on which we move with "How we work".

#### VISION.

Light inspires us. Light means life and health, growth and progress, energy and work, creates safety and guides the way. That's why we develop and produce sustainable lighting solutions in Germany for discerning customers around the world.

#### MISSION.

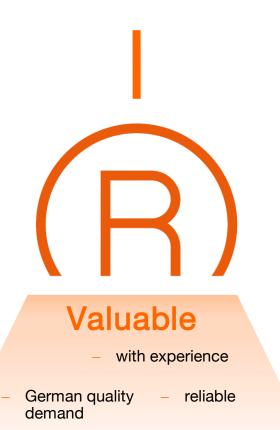
We identify market trends and translate individual customer needs creatively into modular lighting solutions. In doing so, we always act as fair partners and with a maximum of flexibility. By using new technologies, we make optimal use of our resources. We work as a team keeping the goal in mind at all times and promote entrepreneurship at all levels. We continuously review our actions self-critically.

Character, orientation, definition.

Radium Die Lichtmarke.





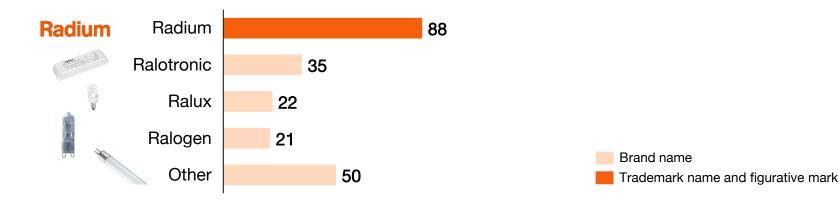


### Character, orientation, definition.

#### Radium Die Lichtmarke.

Radium has been developing high-quality lighting solutions for the electrical trade for over 120 years. We combine expertise and experience to create sophisticated quality products:

- Traditional lamps
- LED lamps
- LED strips and accessories



### Light for any kind of application.

### The portfolio for general lighting.



### Industry in the heart of the Bergisches Land.

### Radium in-house production.

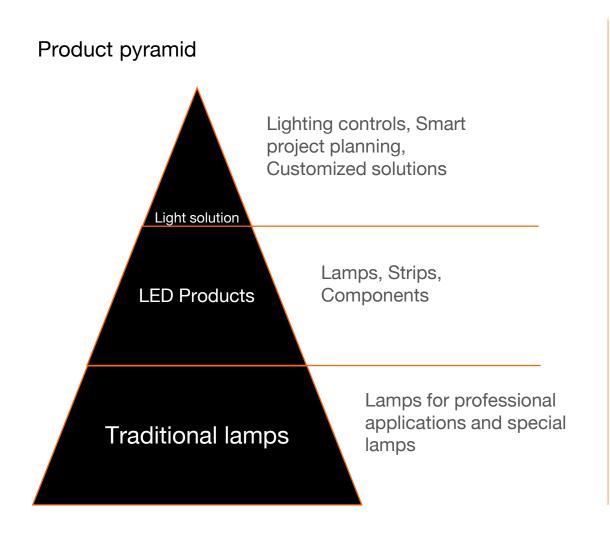
- RaLEDina (LED linear lamps)
- High-voltage halogen lamps: Halogen tubes
- Metal halide lamps:
  - with quartz burner ≥400W, coloured
- UV and infrared special lamps
  - IR halogen tubes, UV burner high pressure
- Photo lamps:
  - Halogen studio lamps, spotlight lamps, daylight lamps
- Signal lamps for navigation lights
- Pre-products:
  - Electrodes, filaments, lamp fillings, etc.
- LED lighting systems (Trusys)
- RaLUX® UV-C Stand

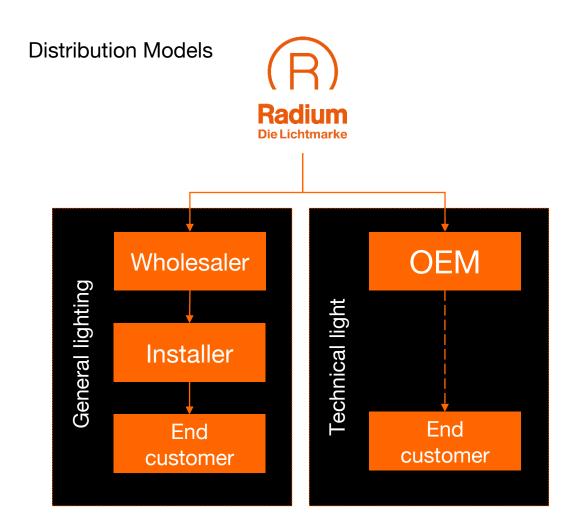




### Digitalisation, focussing, specialising.

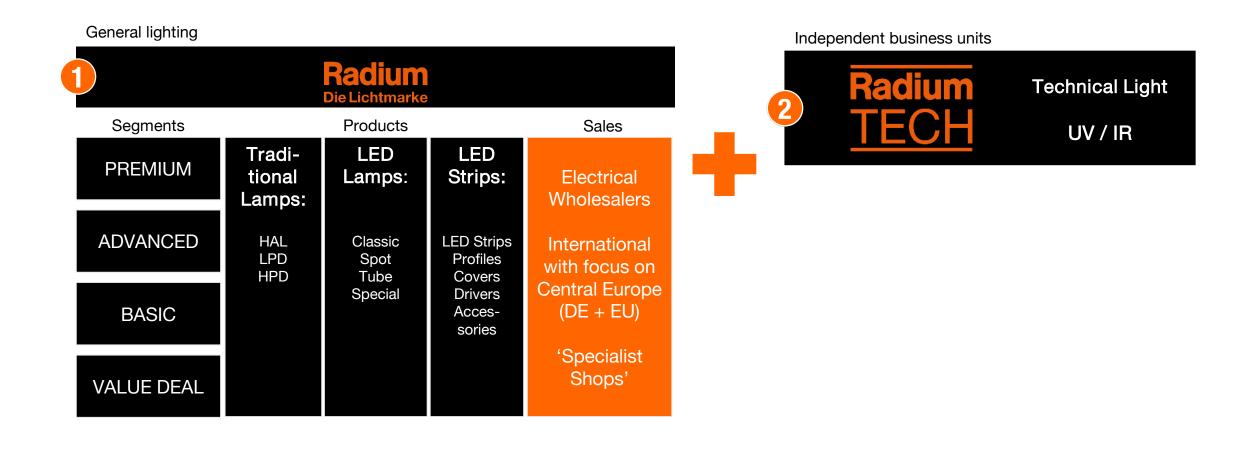
### From lamp manufacturer to solution provider.





#### Dynamics, flexibility, consistency.

### The Radium business units play out their strengths.





#### The ,Look & Feel'.

### Marketing of LED Lamps.

- Catalog available in German, English and French
- Catalog, mailings, ads, roll-ups, social media
- <u>Landing page</u> website
- <u>LEDs Save</u> online tool













### LED-Strips.

#### Portfolio & Services.

#### **LED Strips**

- LED strips in Radium brand
- Extra long reels (30/50m)
- Pre-wired
- Customized cuts

#### Elektronic

- Drivers and ballasts
- Perfectly matched to the LED Strip portfolio

#### Accessories

- Profiles & covers also in customer-specific cuts
- All required
   accessories such as
   mounting brackets or
   end caps in the
   appropriate amount

#### **Service & After Sales**

#### Software

- Configurator
- Database
- Online Tools
- · Assembly & Log Interfaces

#### Project Support

- BOM
- Lighting design
- Electrical planning
- Mechanical planning
- Commissioning
- Smart Lighting

#### **Factory**

Customized solutions

### LED-Strips.

### Marketing LED Strips.

- Catalog available in German and English
- catalog, ads, sample card
- <u>Landing page</u> website
- Configurator on website













# Radium TECH

#### Radium TECH.

#### Produkts & Services.

- Operates independently www.tech.radium.de
- Uses the market access of Radium Die Lichtmarke and full support of Radium Trade Sales Team



**Enablers: Service & After Sales** 

Production
Development
Project support



#### We advise and support.

### The human being as centre of attention.



#### **Everything according to plan**

The quality and process structure of a producing factory meets the flexibility of a manufactory. We emphasise particularly the quality of our products. Our employees play an important role here, because qualified and motivated personnel is the basic prerequisite for meeting our customer's demands sustainably.



#### **Online Configurator**

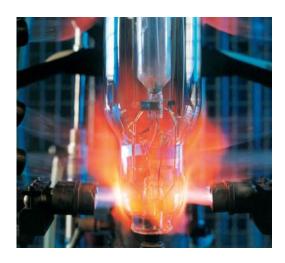
The Radium Online Configurator ensures an absolutely simple way of entering your specifications. There, you are able to enter your wishes quickly, safely and transparently. Just give all the necessary inputs without much effort and let the result convince you.

Let's go: www.radium.de/en/ledstrip

### We do not leave anything to chance.

### Quality as a permanent process.

- Certified according to DIN ISO 9001
- Know-how of the development of the production process up to machine construction and own measurement engineering
- Pre-materials of our lamps are also produced in Wipperfürth
- Radium guarantees quality







#### We protect the environment.

### Sustainability is an important part of our values.



- Active environmental protection concerns us all: For us, it is the basis for securing the future of society as a whole.
- As Radium, we feel responsible for protecting the environment by saving natural resources wherever possible and using them consciously.
- This was anchored in our business policy as early as 1991: environmental guidelines were drawn up.
- In 1997, these guidelines were audited and certified by an EU audit in accordance with the DIN EN 14001 standard.
- By using energy-saving products, each individual can contribute to climate and environmental protection.





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