

LIGHT MOMENTS IN DESIGN

**LICHTMOMENTE
GESTALTEN**



Radium



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Preface

These are times of change – for Radium Lampenwerk GmbH, our partners like electric wholesalers and the whole market as well. The long-lasting principle of lamp and luminaire is challenged progressively every day and will be replaced by complete and complex LED solutions increasingly.

So, it must still be our task in the future to anticipate change and transformation and approach these proactively. This is the only way to open up new sales possibilities, make professional and innovative products and offer personal service to you – our customers. Radium will meet the challenge of change in order to shape it.

Beginning with the Light & Building 2016 and the splitting up of OSRAM GmbH into the company parts of OSRAM and LEDVANCE, Radium has also taken its chance for change: A new corporate brand identity shows our look forwards. In doing so and as a quintessence, Radium still sets onto the strengths which have always been our assets. We want to combine the advantages of LEDVANCE – a corporate company in a worldwide environment – with the flexibility of a medium-sized company.

You will experience us as a highly motivated team with excellent employees. We look forward to the transformation and are absolutely positive about and really proud to start into a 'bright' future together with you.

But now, enough talk! We want to invite you, to get to know Radium on the next few pages.

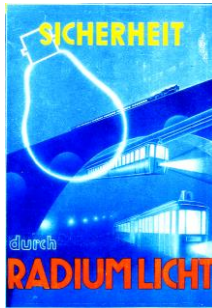
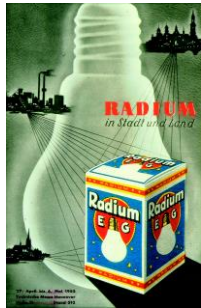
An aerial photograph of a town, likely in Germany, showing a mix of residential and industrial buildings. In the foreground, there's a large industrial complex with several large, light-colored buildings. One of the buildings has the word "Radium" written on its side in red. To the left of the industrial complex, there's a tall, thin chimney. The background shows a dense residential area with many houses and a church with a prominent steeple. The image is partially covered by a semi-transparent white overlay on the left side, which contains the company logo and title.

Radium
Die Lichtmarke

About Radium – History

Radium – Pioneer of the electrical light

At the beginning was the carbon filament lamp – with Thomas Alva Edison as well as with Radium. Radium was founded in 1904 in Wipperfürth, situated about 40 km north-east from Cologne in the 'Bergisches Land'. Just a short time later the production of lamps with high-quality tungsten wires started here. Due to its know-how Radium advanced fast to one of the most important companies of the region and, nowadays, counts among one of the most experienced brand-name manufacturers of the lamp industry. Experience, inventiveness and commitment of employees, high quality standards and a very efficient production – these are the best preconditions, with which Radium is well prepared for the future.



More than one century of lamp history

On January 29th 1904, the entrepreneur Richard Drecker founded together with Adolf Berrenberg – an employee of Edison in the U.S. – the Berrenberg-Elektrizitäts-Werke GmbH. On December 17th 1904, he changed the company name with his new partner Richard Kersting to Radium-Elektricitäts-Gesellschaft m.b.H. ('Radium electrical society ltd.'). In 1907, Eugen Kersting, son of Richard Kersting, joined the enterprise. Under the technical direction and supervision of Eugen Kersting Radium experiences a rapid and great rise in the following years.

Even after the death of Eugen Kersting Radium has been involved in essential developments of lamp technology. In 1967, the first colour TV show was broadcasted in Germany, thanks to the colour TV compatible lighting from Wipperfürth. As well, for the Olympic Games 1972 in Munich Radium has provided a new lamp type and fitted each and every one sports complex with those lamps. Since those days, Radium has delivered innovative light sources for numerous and most prestigious sports arenas world-wide, such as, most recently, the World Football Championship or the Olympic Games in Brazil.

Today, at Radium we manufacture many different lamp types on either high tech manufacturing lines – from special single-unit productions to high volume series with millions of parts.

For more than 110 years, Radium has been a strong partner of the specialised trade all over the world, lamps from Radium can be obtained at specialised trade shops, only. By now, Radium has got partners in over 60 countries and sends light from Wipperfürth into the whole world.

Our Departments



Commercial Management

'Not until everything goes together smoothly, unique light moments may be created.'

'It is our claim to exceed the expectations of our customers. Every day, we commit ourselves to achieve something special.'

Helmut Bastek, Commercial Manager

1378

**Products in
our Range**

23.109.416

**Products
Sold***

340

**Number of
Employees**

*Business year 2015/2016

Production

*'From the most general process to the smallest detail,
we care for a smooth flow in the product
manufacturing process.'*

'Time management is the be-all and end-all here!'

Dirk Böhnke, Plant Manager



Logistics

„We can only guarantee best service if our value creation chain functions optimally.

Purchasing, production, delivery and special services – these are all the things we do for you at our best.’

Andreas Hoßmann, Logistics Manager



Training and Apprenticeship

'The promise of best service can only be kept by highly trained and motivated skilled personnel.'

'We focus on our own young talents and train apprentices every year – actively and in step with actual practice.'

Stefan Schröder, Manager Industrial Training and Education



A man with a beard and mustache, wearing a light blue short-sleeved button-down shirt, stands with his hands on his hips in a factory setting. In the background, another person is working at a machine.

Quality

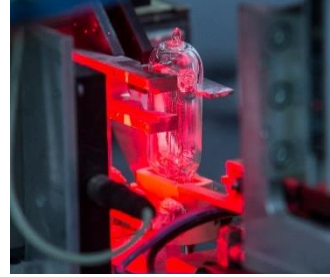
*'Customer satisfaction is our supreme target.
We enhance and refine our quality management
system constantly and keep it on an excellent level.
However, should there be any challenges, we will
take care of those personally.
Every employee is committed to Radium quality.'*

Bernhard Kläser, Quality Manager

**The Radium Promise
of Performance and Power**



Create Light Moments

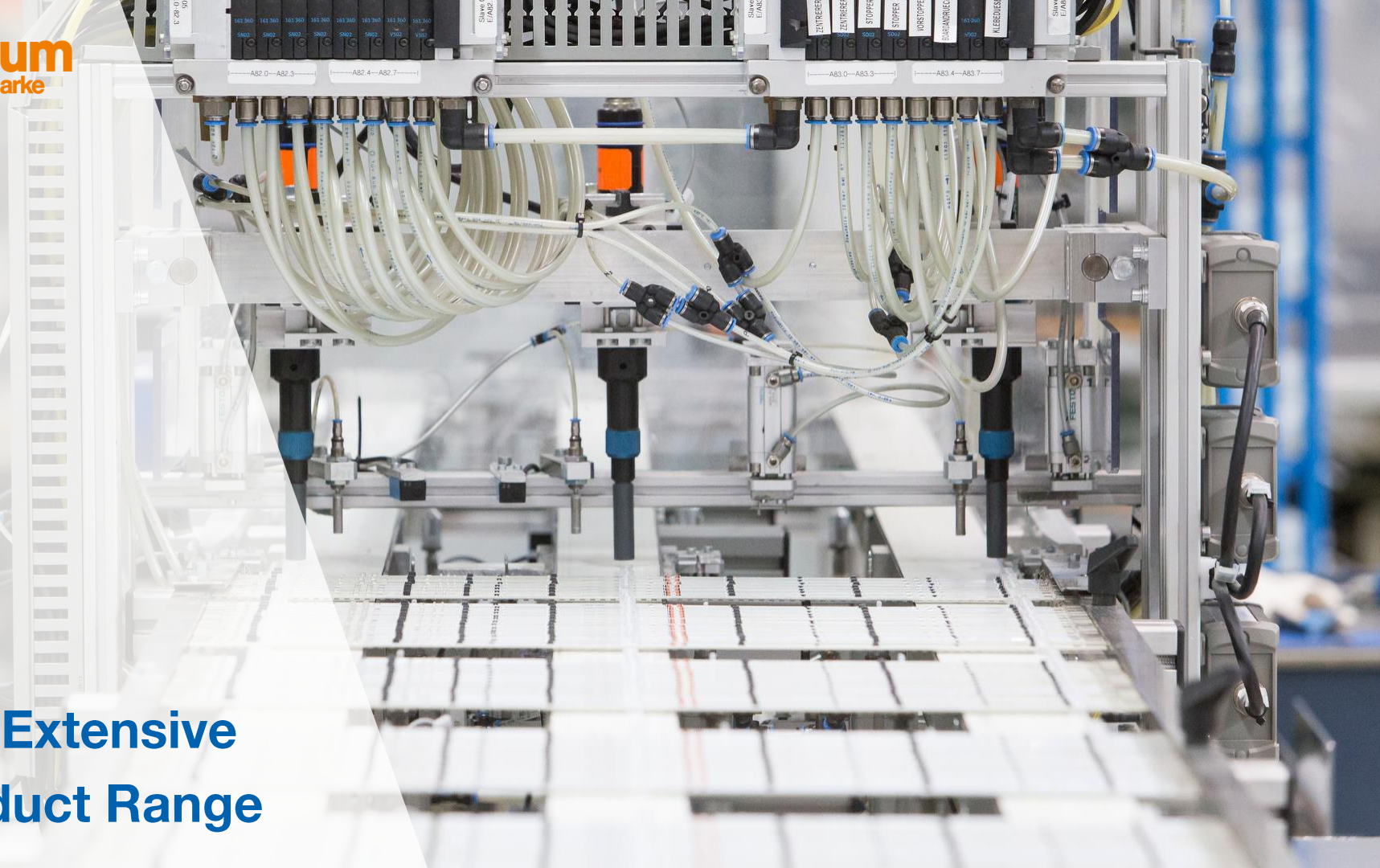


Even if it may be seen as a trivial matter in everyday life, in every beam of light, there is more than a century of technology and just as much passion.

Almost any moment is accompanied by light – it may be just at home as well as in big events like a football world championship. Every one of these instants, we want to design for and with you. Starting with a first idea over the planning and up to the realisation of large and small lighting concepts and beyond.

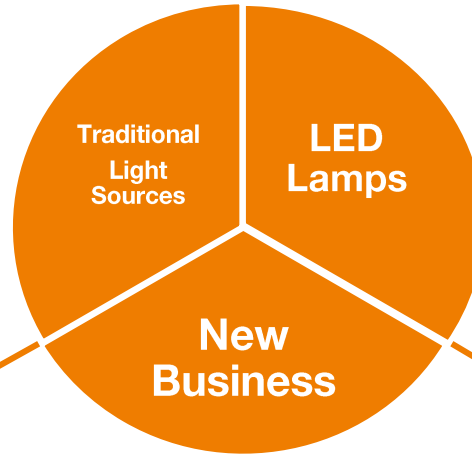
Strongly human-related and personal we focus especially on service and accessibility. Radium wants to be your ‘enabler’-team who does everything to fulfill your wishes – from answering simple questions up to ambitious individual tasks. Therefore, our team of experts and young innovators will stand for meeting our demand as ‘professional brand for light’. Thus, we manufacture products of the highest quality – no matter if these should be modest LED lamps for your home or hundreds of special lamps for lighting a stadium.

The Extensive Product Range



Our Categories

Lamps for general lighting with different methods of light generation such as incandescent and halogen lamps, compact and tubular fluorescent lamps as well as high intensity / high pressure discharge lamps fall in the category 'traditional light sources'. This product range needs a good knowledge and know-how regarding the processing of glass and metal. We go for own development and production facilities which vary from exact and detailed manual manufacture to efficient and industrial line production. Even though we talk about 'traditional', the products themselves are extremely modern and will still be developed further. Radium is a leader in innovation here and makes technology-wise demanding and innovative systems – for example, flicker-free HD lighting of whole football stadiums.



The product category LED lamps has emerged as an important pillar for the entrepreneurial success of Radium GmbH. Radium has achieved optimal adaptation to very rapidly changing markets where we are tagged as pioneers – and rightly so. A high working speed and good customer contacts as well as the choice of the right partners make us shape trends rather than follow them. So, LED lamps in an attractive glass design are made on a production line where there used to be made traditional incandescent lamps in the past.

With the 'digitalisation' of light, light source and luminaire grow together more and more. A market trend which we have identified early and, so, have awarded with an own category focusing on new lighting systems exclusively. A very important component in this category are LED luminaires for professional application. Therefore, we employ our strong market access for gaining market shares in this line of action. Secondly, we manufacture customised linear LED solutions. These will be employed for fulfilling the strong market trend of individualisation of lighting systems. This category is especially important for enabling the unique lighting

concepts of light planners and architects. Because, after all, the light rather than the luminaire should be focused on - thus, a category where we fully accentuate our claim 'create light moments'. Further, the Radium New Business Team attends to components for smart lighting. So, when light is to become adjustable, energy saving, emotional and simply manageable, intelligent control is required. Together with our technical customer service, we would like to help you getting these components perfectly combined and connected. Please, contact us personally, we will be there for you.

Unsere Product Ranges



LED Modules and Accessories

- Flexible Linear LED Modules and Accessories
- LED Modules for Downlights
- Aluminium Profiles and Accessories



Electronic Control Gears and Dimmers

- Constant Voltage LED Drivers
- Dimmable Constant Voltage LED Drivers
- Constant Current LED Drivers
- Electronic Transformers for Halogen and LED Lamps



Smart Lighting – Lighting Control Components

- SMART Blue - The new Bluetooth Light Control System
- Professional DALI - DALI Lighting Controls and Accessories
- Professional DMX - DMX Lighting Controls and Accessories

LED Lamps and Luminaires

- LED Lamps in Classic Shapes and Ambiente LUX
- LED Lamps with Directional Light
- LED Tubes
- Recessed LED Luminaires with Directional Light

High Pressure Discharge Lamps

- Metal Halide Lamps with Ceramics Burner
- Metal Halide Lamps with Quartz Burner
- High Pressure Sodium Vapour Lamps

Incandescent and Halogen Lamps

- Mains Voltage Lamps with Omni-directional Radiation
- Mains Voltage Lamps with Reflector
- Low Voltage Lamps with Omni-directional Radiation
- Low Voltage Lamps with Reflector

Signal Lamps

- Navigation Lamps
- Signal Lamps

Fluorescent Lamps

- Compact Lamps with Integrated ECG
- Non Integrated Compact Lamps
- Fluorescent Tubes

Export / Non-EU

- Incandescent Lamps
- Fluorescent Lamps
- Etc.



**Radium
Sales Team**



Professional Service – The Human Being in Focus

Telephone robots are not to be found with us. Due to our medium-sized business structure we work very near to the customer. During the run of the project you will have one technical and one sales contact person at your side. You will be supported quickly und effectively regarding all questions about your project.



All according to Schedule

The quality and process structure of a manufacturer meets the flexibility of a manufactory. We do value the quality of our products highly. Our employees play an important role. They are highly qualified and motivated personnel which is the one basic precondition for satisfying our customers' requirements effectively.



Online Configurator

An unprecedentedly simple input of your specifications is offered by our Radium online configurator. The configurator enables you to provide your ideas quickly, safely and transparently. Just do it and give all the data needed without any fuss. Let yourself be persuaded by the result.

Come on – go to www.radium.de/flex

Environmental Protection / Compliance



Our Values and Directives



The best possible protection of human health and environment is the fundament of our entrepreneurial philosophy. From the beginning, our guideline regarding environment and employees has come down to 'I care'.

Innovation and a high quality level are most essential. The demand of making sustainable products of highest value shall always be our task of the day. Our framework and internal processes are certified according to DIN ISO 9001 and we constantly work on improving our quality management even further.

We do realise environmental protection and careful handling of natural resources by energy saving products. And even further, we feel obliged to environmental protection in general, that is why we have been certified according to DIN ISO 14001 for 20 years. We guarantee professional and careful waste management by the non-profit organisation lightcycle.



Basic module for our progress is our EHS policy where our moral concept is firmly rooted. The progress steps are constantly controlled and documented transparently. The responsibility for observing internal and external laws and directives are also put down in our compliance policy. It requires us not to tolerate illegal nor immoral behaviour such as environmental pollution or employee exploitation. We provide any support needed to our employees in order to safeguard this task. Further, we demand maximum integrity and only accept clean business which complies with our ethic values.

Following our leading motto 'I care' we take care to keep conscious about our human values and environmental awareness every day.

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**International
Character and
Set-Up**



Global Set-Up



Your local Radium-dealer:

You can find your local Radium-partner at:

www.radium.de/en/contact/representations

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Lampenwerk GmbH**

