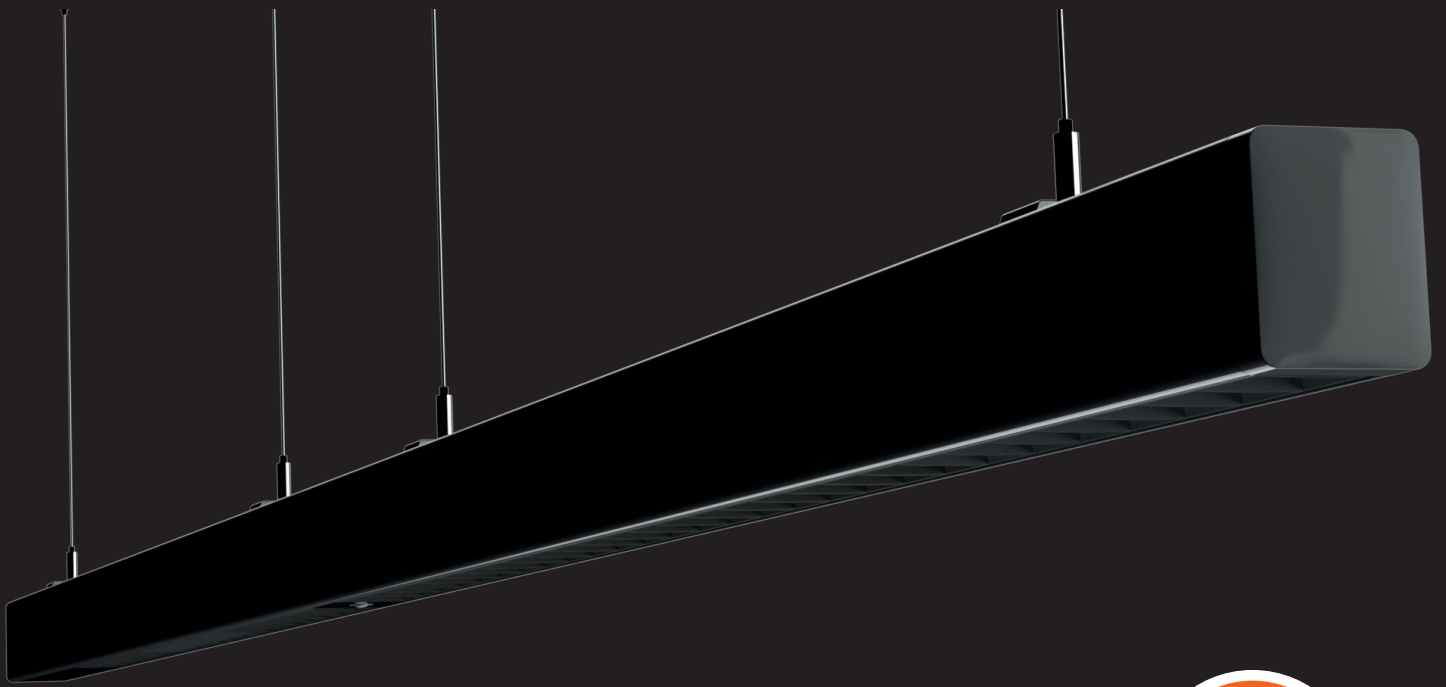




Radium
Die Lichtmarke



Luminares
2022

Regional lighting solutions.

**Collaborative,
sustainable, advanced.**

www.radium.de/luminares



„By Professionals for Professionals.“

Radium Luminaires.

Introduction and Services.

Radium Lampenwerk GmbH has been the specialist lighting brand since 1904 and is therefore Germany's oldest active lamp manufacturer. At the production site in Wipperfürth, in North-Rhine-Westphalia, lamps are produced in high volumes on highly engineered production lines, but also very complex special lamps are manufactured in small batches. The business unit Luminaires focuses on the production of luminaires and the realization of customer-specific solutions. As an OEM manufacturer in the field of luminaires, one of our goals is to build and strengthen regional partnerships.

We represent the advantage of fast and flexible luminaire procurement for you -
Made in Germany.

Our advantages:

- High quality standards
- ISO 9001 certified
- Made in Germany
- Flexibility and Know How
- Short delivery time
- Production on demand
- Individual design of the products
- Platform concepts
- Minimization of capital risk

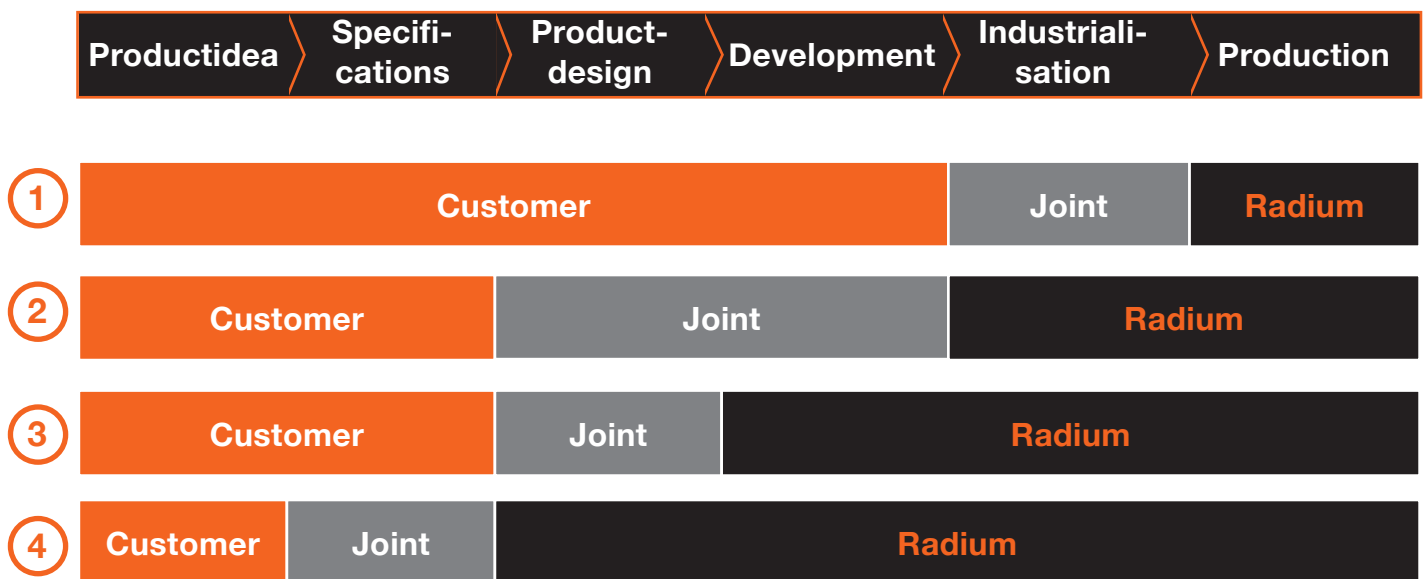
Our Services:

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Assemble to Order.

Many ways to your new product.

Assemble to Order, for short ATO, offers a modular system for the flexible production of an entire product group. Innovative designs create a variety of possible solutions with the consideration of being able to use as many identical parts as possible.



- 1 Contract Manufacturing** – The product responsibility remains with you, we take care of the procurement of primary material as well as the manufacturing. In cooperation, the industrialization is realized and we decide together how the finished products should be tested.
- 2 Co-Development & CM** – We design and develop the product together according to your specifications. Afterwards, we manufacture the product.
- 3 Original Design Manufacturing** – After the mutual agreement of the design, we start to develop and manufacture the product.
- 4 Original Equipment Manufacturing** – A product from our portfolio, adapted to your specifications.

Assemble to Order.

① Contract Manufacturing.

1. Send us your luminaire design and the corresponding bill of materials. We will gladly support you in production. One example of a project is our store spotlight. Here we have taken over the material procurement and production for our customer.



Classic



Adjust



Fix



Elevator



Zoom

2. You decide which light color, brightness and which design your luminaire should have. We manufacture your individual luminaire accordingly and send you a sample.

Design Overview.



3. After your order, we will start the production.

Assemble to Order.

② Co-Development & CM.

If you do not have the resources you need, but the right idea, or you want to benefit from our know-how in the lighting industry, our experts will be happy to help you out.

1. Send us your product idea and the corresponding specifications.
2. Together with our experts, the product design is elaborated and further development will be carried out.
3. After your order, we start industrialization and production.

One example project is our floor lamp: With its asymmetrical beam technology, its development was a real challenge, both for our customer and for our own development team. The joint collaboration enabled us to achieve optimum development and production.

Personalizable:

- ✓ Luminous flux
- ✓ Dimmable: yes or no
- ✓ Installation of sensors
- ✓ Beam direction technology (Downlight/Up- & Downlight)
- ✓ Housing color

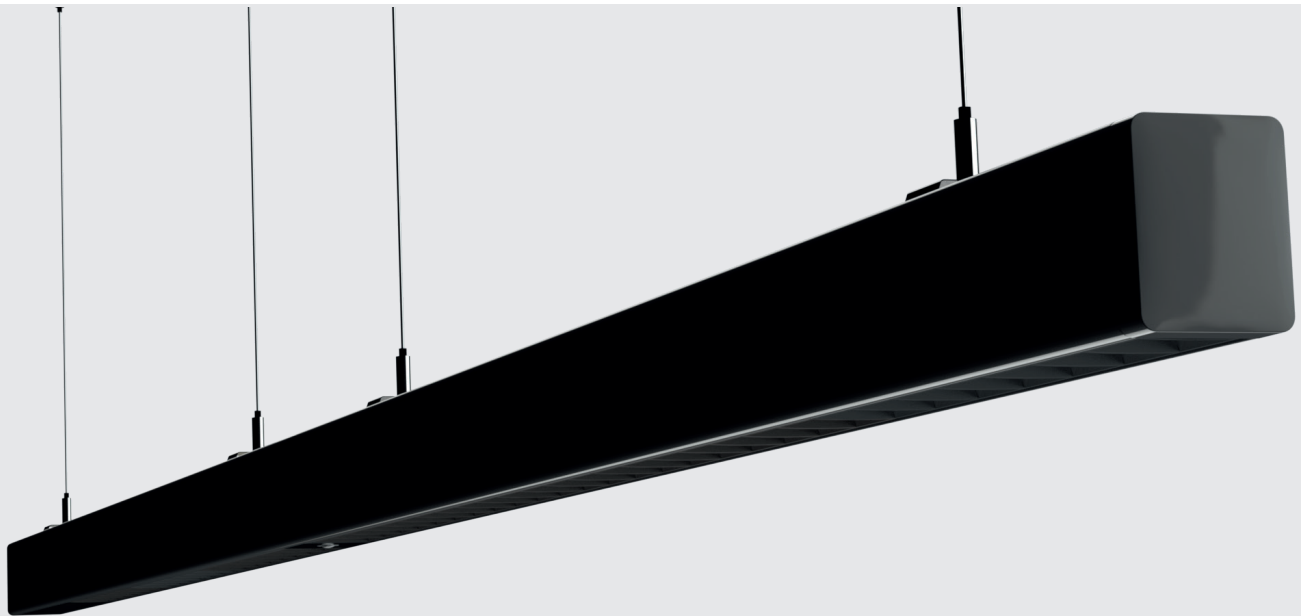


Assemble to Order.

③ Original Design Manufacturing.

In Original Design Manufacturing, for short ODM, our experts develop a perfectly fitting luminaire for your application after a design has been jointly selected and the specification has been drawn up.

For example, our linear system. This is a variable luminaire system suitable for any kind of office environment. You have got the choice between different lengths, different covers as well as sensors and smart interfaces. As a rectangle above the conference table or as a recessed light line in the hallway - the luminaire adapts to your application.

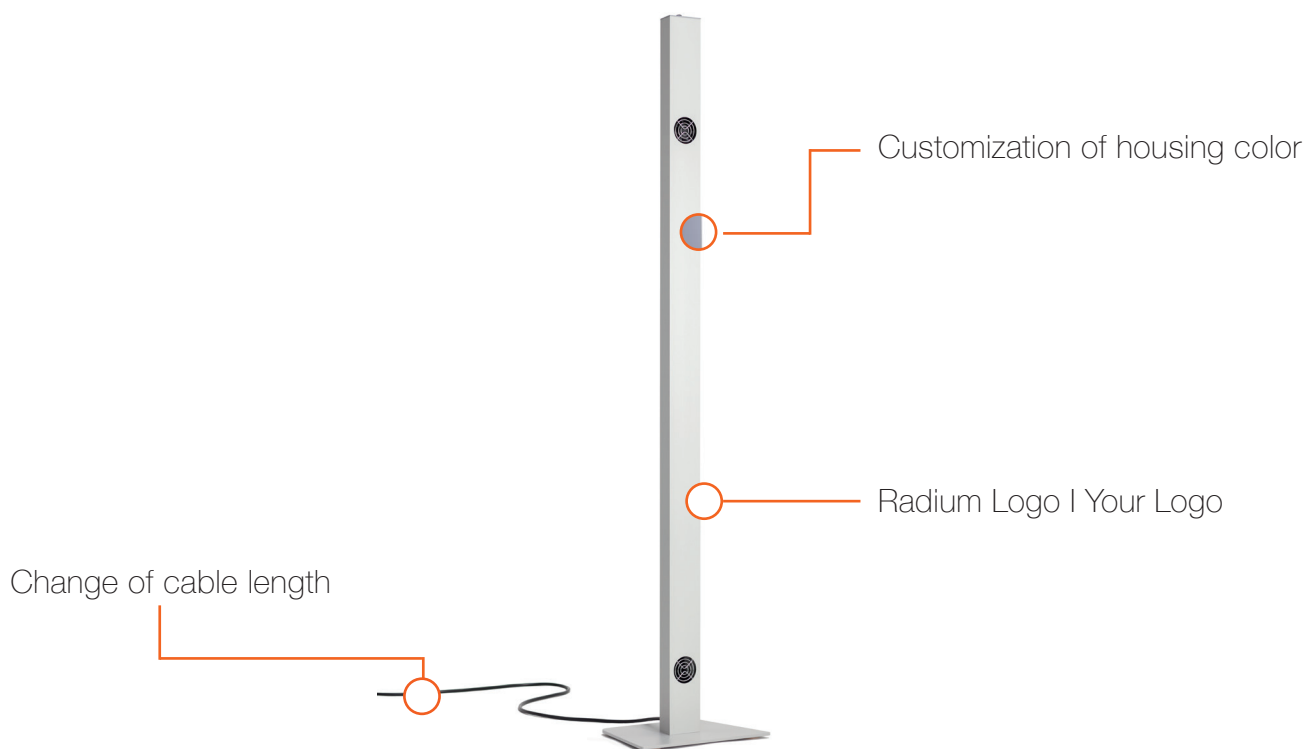


Assemble to Order.

④ Original Equipment Manufacturing.

You will receive your desired luminaire from Radium from our existing portfolio in the house brand „RaLUX®“. Alternatively, minor changes in the design as well as in the technical execution can be realized. We would also be happy to provide the luminaire with your individual company logo.

Example project: **RaLUX® UV-C Stand**.



The UV-C Stand draws in the air through an intake grille located in the upper part of the unit. A T8 UV-C lamp is mounted inside the unit, its radiation reduces the germ load in the air immensely: By irradiating the air with UV-C light, potentially present viruses can be deactivated by rendering their DNA harmless. Subsequently, the purified air is ejected back into the room.

Customization.

Example Project: Insert light K26.

We offer customized special solutions of new products for a specific project, up to the modification of an existing luminaire. In this case for example, modification might mean the attachment of a plug, the parameterization of a ballast or the installation of a sensor for your existing luminaire.

1. Describe your current project and send us your existing data.

Example project: A ventilation system for a suspended ceiling with integrated luminaire. The housing was part of the ventilation system.

2. We will work out ideas for your project and present them to you.

In this case, a conventional insert light was installed in the housing of the ventilation system. The challenge was to design an LED recessed luminaire that would be suitable for the workplace as well as providing the required air flow.

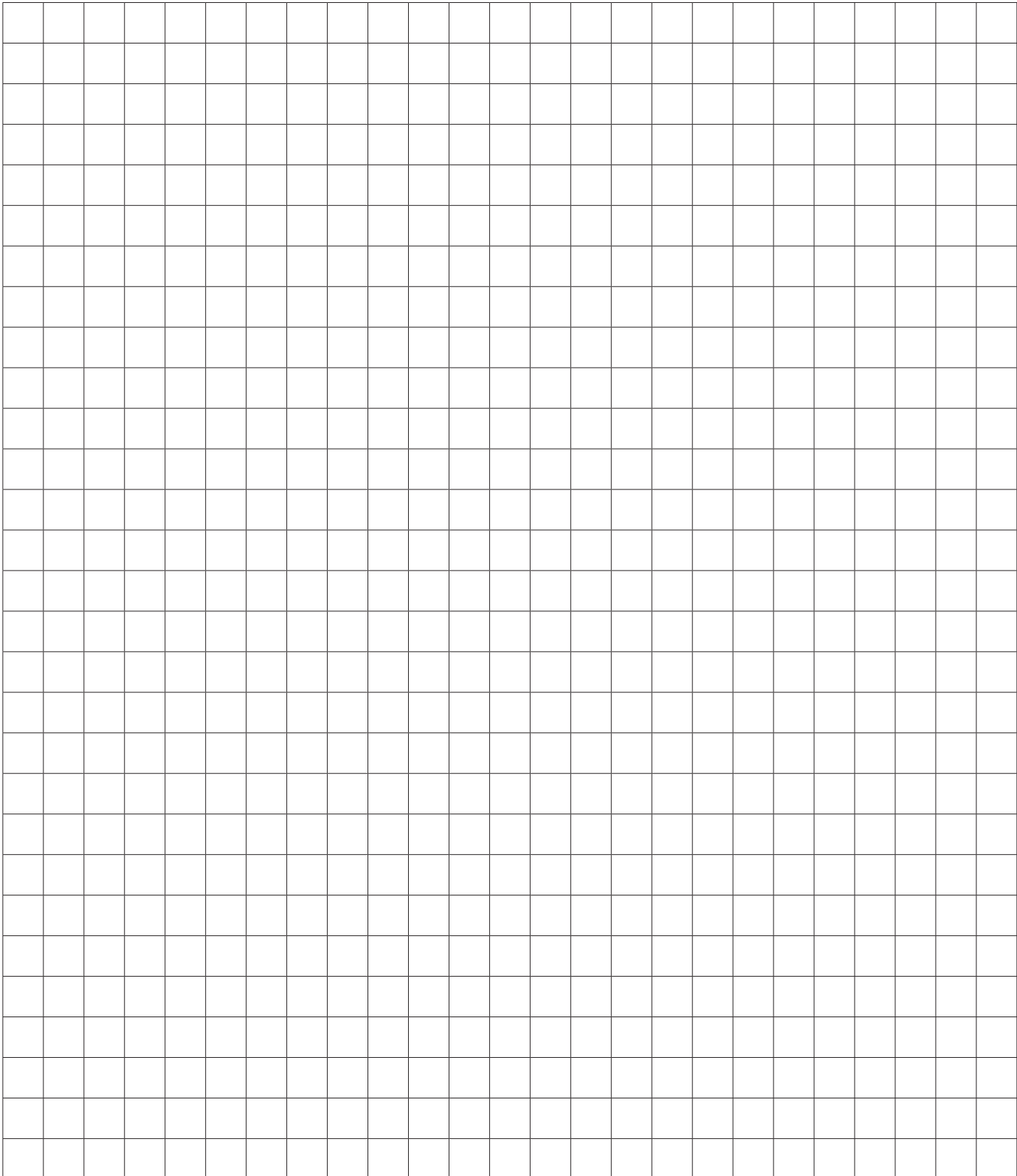
3. The elaborated solution is designed and then realized as a sample setup.

Here, four sample luminaires were produced and installed in the customer's premises. After inspection of the owner, the solution was approved.

4. The final product will be manufactured either in RaLUX® brand then or alternatively in your private label.

This product was realized in RaLUX® brand. Thus, all certifications have been carried out by Radium.







Radium Lampenwerk GmbH

Dr.-Eugen-Kersting-Str. 6
51688 Wipperfürth
Germany

Telefon +49 (0) 2267 811
Telefax +49 (0) 2267 81353

radium@radium.de
www.radium.de