



TRILUX
SIMPLIFY YOUR LIGHT.

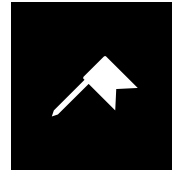
PARELIA LED
AXIS-PARALLEL LIGHT
IN HARMONY WITH THE
ARCHITECTURE



DESIGN PLUS
powered by: **light+building**

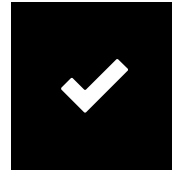
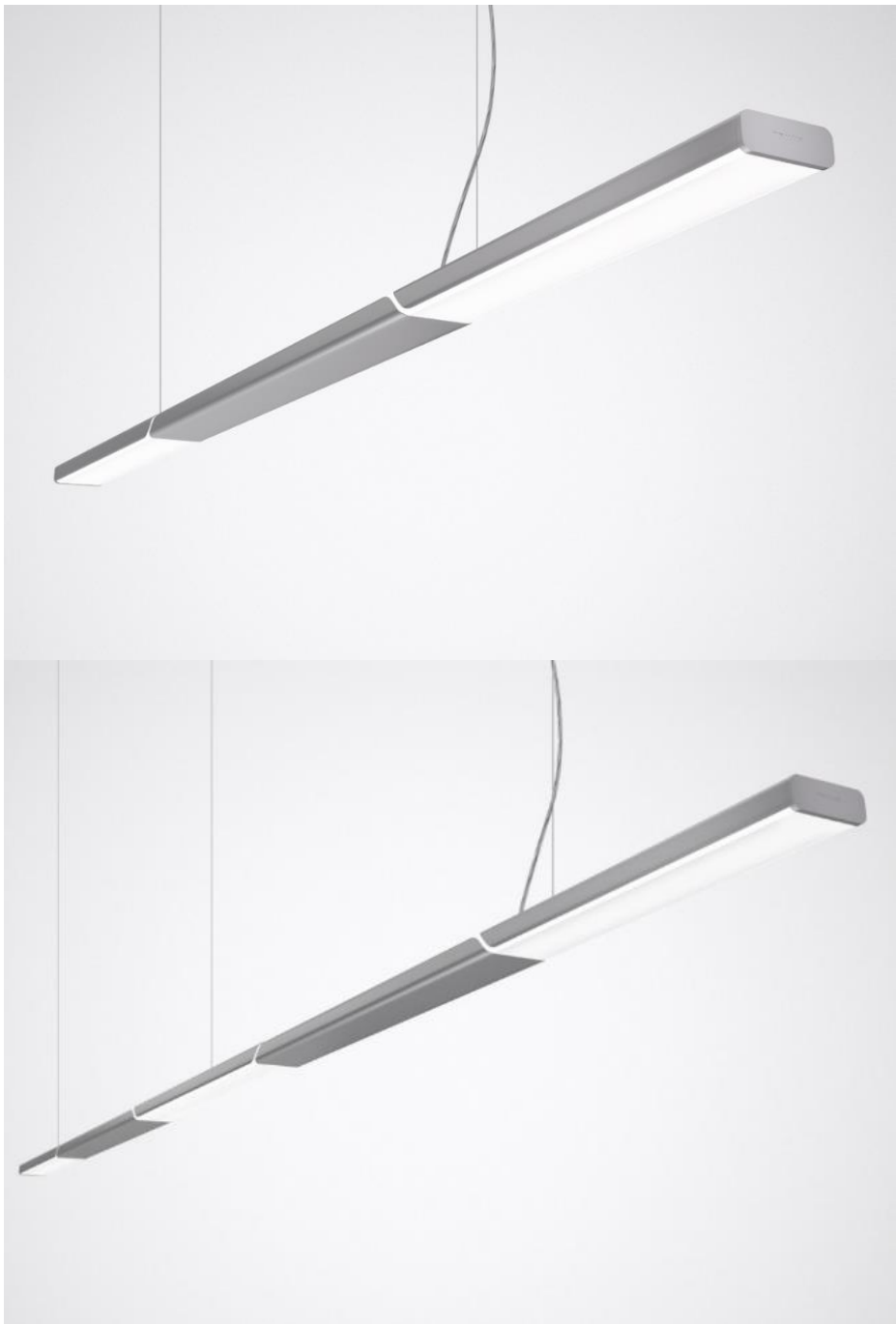


**GERMAN
DESIGN
AWARD
WINNER
2018**



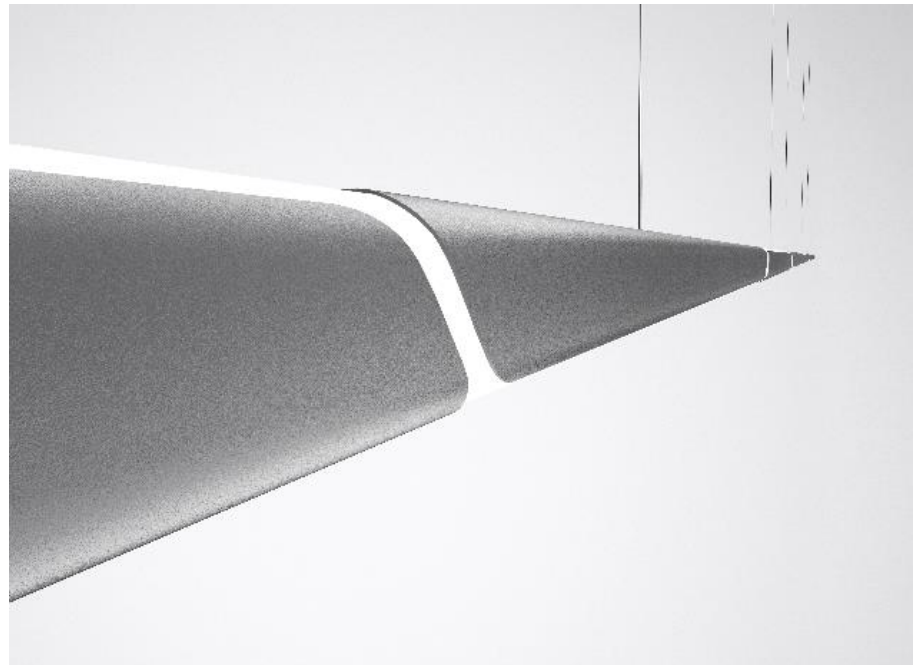
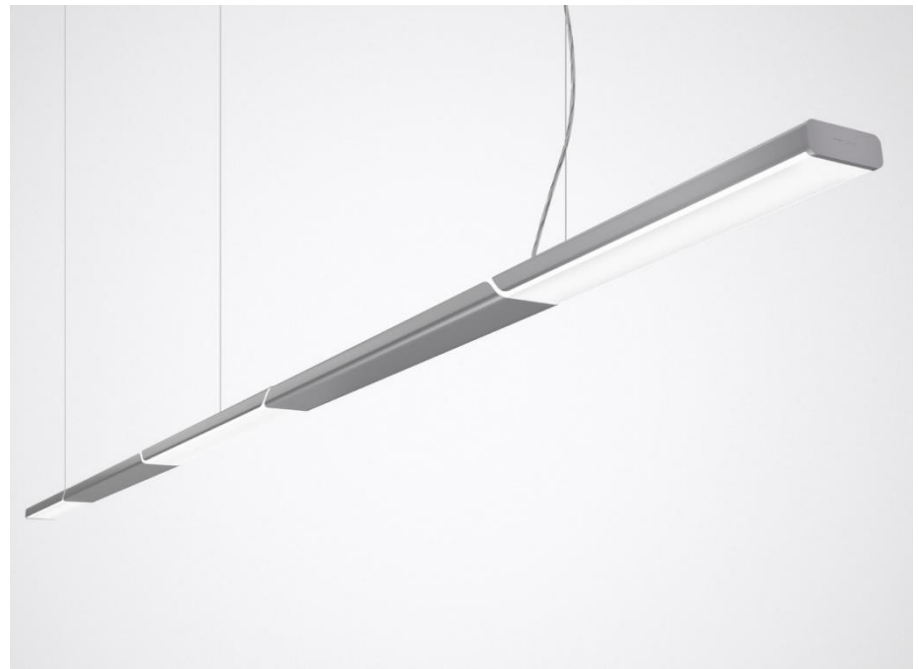
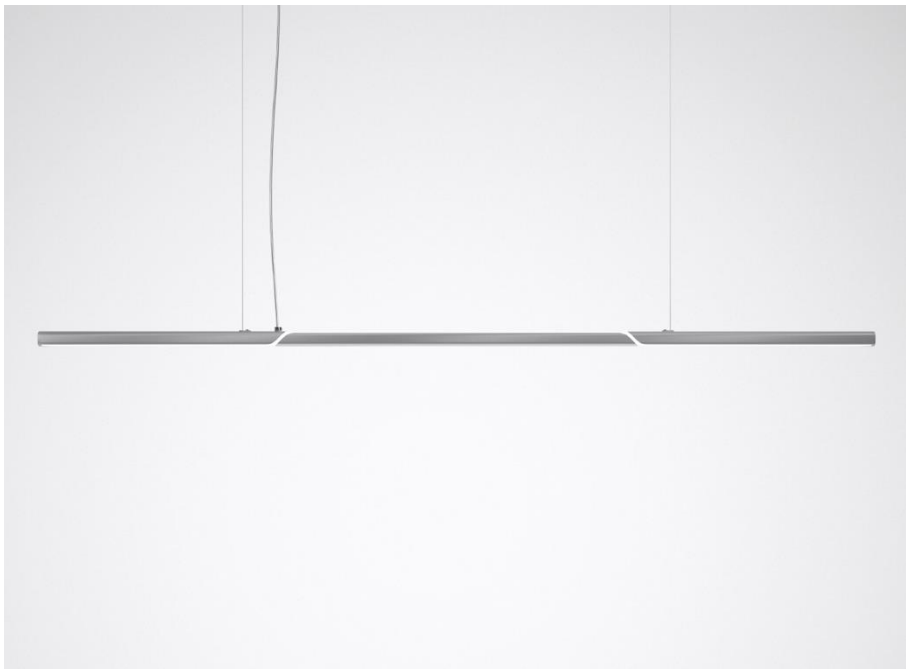
THE CHALLENGE

Modern architectural concepts demand lighting solutions that can be used parallel to the building axis in order to optimally emphasise the individual room and building appearance. At the same time the lighting must also guarantee perfect work conditions in the office.



THE SOLUTION

Parella LED enables attractive building axis-parallel lighting concepts. Thanks to its special construction shape the luminaire can be positioned centrally above the desk without causing disturbing reflected glare on reflective surfaces such as tablets. The high indirect light component ensures general lighting in compliance with standards. Further features are the exclusive design with its light line on the side as well as the continuous line for challenging room concepts.

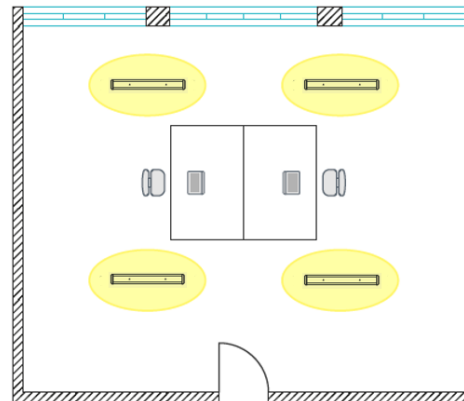




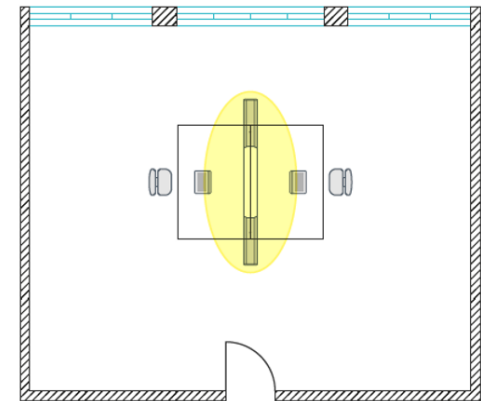
ADVANTAGES WITH LIGHTING DESIGN

More attractive building design in harmony with the architecture

Especially with modern office architecture, the room impression and the view from the outside into the building interior are becoming increasingly important. It is here that Parelia LED offers new levels of design flexibility. As a building axis-parallel solution it opens up the room and avoids the stripes of light that are typical with arrangements parallel to the window front.



**Lighting design parallel
to the window**



**Lighting design parallel to
the building axis**



ADVANTAGES WITH LIGHTING DESIGN

Continuous line solution for challenging room concepts

As a continuous line, Parelia LED optimally illuminates even challenging room situations such as large office areas, open space concepts and workbenches. A further plus: the luminaire can be planned independently of the axis dimensions of the building if it is arranged parallel to the building axis.

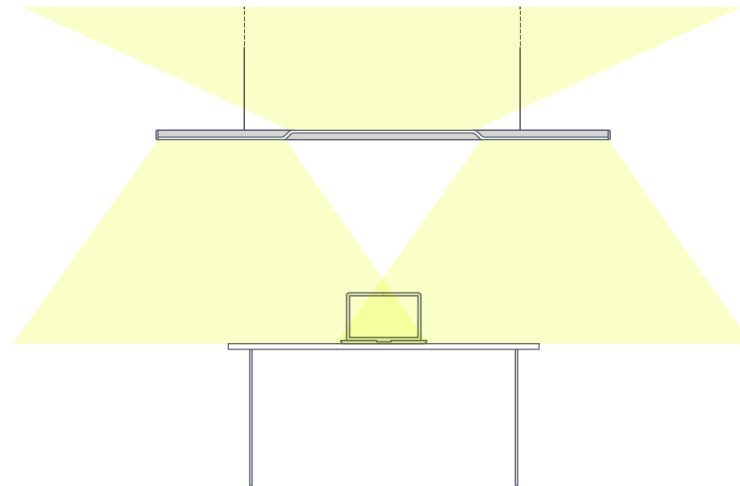




ADVANTAGES WITH LIGHTING DESIGN

Glare-free light without reflected glare

Parella LED with a length of 2.1 metres and its special light control is ideal for illuminating office workstations. With its high indirect component the light appears pleasantly uniform and glare-free. Thanks to its central part without a direct light component the luminaire can also be positioned above the desk without causing reflected glare on e.g. tablets and smartphones.





ADVANTAGES WITH LIGHTING DESIGN

Fewer luminaires, less effort

Parelia LED enables a small three desk office measuring max. 4 x 5 metres to be equipped with just one suspended luminaire instead of four recessed luminaires for illuminating in accordance with standards. As a result there is room for further installations in and on the ceiling, and a calm spatial impression is created.



ADVANTAGES WITH LIGHTING DESIGN

Modern design with a lateral light line

Parelia LED features a light line on its side that functions as a connecting element of the slender profile and unusual shape. This gives both the single luminaire and continuous line a uniquely unmistakable design appearance and brings together direct and indirect light without dominating the room.

Light management for modern office environments

If desired, Parelia LED can be quickly and simply integrated into a light management system (e.g. LiveLink) and controlled with the integrated sensor technology. Parelia LED is also available as an Active luminaire for individually controlling the light colour – ideal for modern office concepts aiming for especially high quality light via Human Centric Lighting and oriented to the needs of the user.



ADVANTAGES DURING INSTALLATION

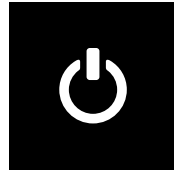
Quick mounting due to fewer luminaires

With its length of 2.1 metres and high luminous flux of around 13,000 lumens, Parelia LED fulfils the lighting task of several single luminaires. Fewer luminaires per room means quicker and simpler installation.

Simple continuous line installation

Parelia LED is quickly and simply installed as a continuous line. Only the appropriate continuous line modules are connected together for this purpose – special connection pieces are not required. This simplifies through-wiring and further accelerates the installation.





ADVANTAGES IN OPERATION

Low operating costs

With energy efficiency up to 161 lm/W and a 50,000 hour service life (L80 at 25 °C), Parelia LED ensures continuously low operating costs. Because of the Parelia LED length of 2.1 metres significantly fewer luminaires are needed per room compared to lighting concepts with recessed luminaires; this contributes to a rapid period.

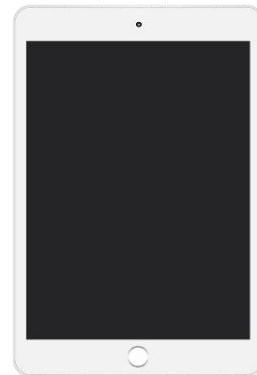




ADVANTAGES IN OPERATION

Light for new media

Parella LED combines direct and indirect light components and achieves especially balanced, shadow-free light without reflected glare due to its outstanding lighting technology and optic. If the luminaire is positioned centrally above the desk, the work area is illuminated from the side because the central part of the luminaire has no direct light component. This prevents reflected glare on shiny surfaces such as tablets or mobile phone displays and also helps us to see the details of objects.

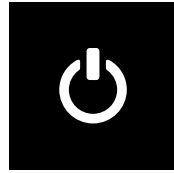


light from
the side



light emission
directly across the
desk





ADVANTAGES IN OPERATION

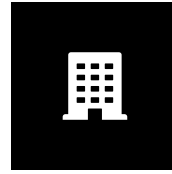
An exclusive, attractive design

Thanks to its exclusive luminaire design with the light line on the side, Parelia LED is a real eye-catcher – both as a single luminaire and continuous line. The rooms are given a modern and tidy appearance.

Individual light with Active versions

Parelia LED is optionally available as an Active version, enabling the colour temperature to be varied between 2700 K and 6500 K individually according to needs via a light management system (e.g. LiveLink). These are ideal preconditions for modifying the light colour in accordance with natural sunlight over the course of the day and for benefiting from the advantages of Human Centric Lighting.





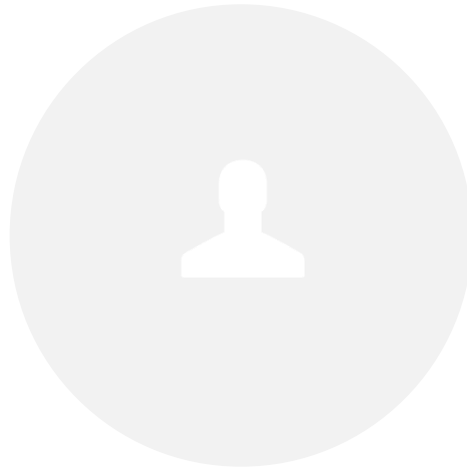
APPLICATION OFFICE

Offices with modern lighting: Parelia LED is ideal for lighting parallel to the building axis, without reflected glare from the direct component. The continuous line also illuminates challenging floor plans and the lateral light line creates an attractive impression.



ARCHITECTS

Ideal for lighting concepts parallel to the building axis. The continuous-line capable Parelia LED achieves ideal visual conditions at the workplace with its interplay of direct and indirect light components independently of the room axis – and also upgrades the atmosphere with its exclusive design featuring a lateral light line.



LIGHTING DESIGNERS

Parelia LED offers complete flexibility in terms of lighting design. It can be optionally used either parallel to the window axis or building axis and as a single luminaire or continuous line achieves ideal visual conditions in the office. The highly qualitative design with lateral light line is also an attractive feature.



PARELIA LED TECHNICAL FEATURES

- Especially suitable for lighting parallel to the building axis
- Also suitable for lighting parallel to the window front
- Continuous line-capable
- High indirect light component of up to 80%
- Long service life of 50,000 h (L80 at 25 °C)
- High energy efficiency up to 161 lm/W
- Optionally with 3000 K or 4000 K colour temperature or as Active version (2700 K to 6500 K)
- Glare evaluation (EN 12464-1) according to UGR < 19. VDU workstation-compliant in accordance with 12464-1.
- IP20 protection rating





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