



ERCO LED lighting tools for a differentiated office lighting concept: Faerber Architekten, Mainz

The new office construction of Faerber Architekten in Mainz, Germany demonstrates the extent to which good light contributes to a sophisticated, appealing and ergonomic work environment. Contemporary office lighting with ERCO LED lighting tools creates maximum visual comfort, supports concentration and communication at the place of work and also brings out the very best of high quality interior design.

Faerber Architekten in Mainz, founded in 1991, employs more than 20 urban planners, architects and interior designers for projects throughout the whole Rhein-Main region. As a consequence of its continuous expansion, the company decided in 2016 to construct a new building close to their established location in the old city area of Mainz. The site selected was a plot in a narrow street next to the attractive church of Saint Stephen and includes an existing building in the rear courtyard. The team from Faerber Architekten moved into the office spaces in May 2017 consisting of prestigious reception and conference rooms as well as state-of-the-art office spaces on around 450 square metres across five floors – and perfectly illuminated with cutting-edge ERCO LED lighting technology. Working closely together with ERCO, Faerber Architekten developed a perception-oriented lighting concept. The illumination of room zones featur-

ing high visual comfort and general lighting with good glare control using the new, linear Compar downlights was a priority. Individually illuminating the various workstations was also important for the lighting designers. All prestigious areas with client contact, e.g. the entrance area, reception, library and conference rooms are illuminated with warm white light (3000K) and all work areas with neutral white light (4000K).

Modern office lighting: representing, concentrating, communicating and guiding with light

If you walk past the new Faerber Architekten building along the Weißgasse in Mainz an eye-catcher, accented with light, will draw your attention to the planning office: A snow-white architectural model has been installed on a matt black-coated counter behind the window facade in the entrance area that per-

Project data

Client:	Faerber Architekten GbR, Mainz / Germany
Architecture:	Faerber Architekten GbR, Mainz / Germany
Photography:	Lukas Palik, Düsseldorf / Germany

fectly represents one of the current projects of the planners and is impressively highlighted with a 7W Parscan spotlight with narrow spot light distribution. "The model takes on the role of one of our business cards," explained Fabian Faerber. "The facade of the building has been designed practically and unpretentiously, but observers standing here gain an impression of the depth of the office that continues back through to the existing building in the rear courtyard." The accent light therefore not only creates hierarchies in perception but also intentionally establishes a visual relationship between the indoor and outdoor spaces. The reception area and adjoining library are also illuminated with Parscan spotlights in warm white; the route continues from here into the section connecting the new construction with the existing building. A historical quarry stone wall was exposed and conserved here. The warm white light of a Lightgap grazing light wallwasher sculpturally emphasises the individual stones of the exposed masonry to create atmospheric lighting in this central area. Just a few steps lead from there into the largest office containing eight workstations illuminated by six ceiling-integrated Compar downlights, each with a connected load of 27W and oval wide flood light distribution, completely without glare. The light beam of each of these luminaires creates a wide oval for illuminating the desk surface and immediate work surroundings in compliance with current standards. This linear version of Compar

for installing flush with the ceiling also has a black anti-dazzle louvre – aesthetically important for the architects. "Contrasts between black and white run through the complete interior of our new building," explained Fabian Faerber. "As a result, with the lighting it was important for us that the luminaires are black throughout and we also selected black track and task lights."

High-precision LED lighting technology achieves high visual comfort and avoidance of glare in the work area

In the offices on floors 1 to 3, the lighting design focused on high visual comfort via vertical lighting and individual, task-specific brightness on the desks. This in turn provides the basis for concentrated and productive work. The rear walls behind the VDU workstations are uniformly and vertically illuminated by Pantrac lens wallwashers with a connected load of 30W to achieve visually relaxed surroundings and reduced contrasts, thereby preventing eye fatigue. This wallwashing also lends these smaller offices a larger appearance. Dimmable Parscan spotlights on track illuminate the work areas with wide flood light distribution. Each desk also has a Lucy task light: their flicker-free, uniform light and the option of dimming illuminance from 100% down to 1% with a push-button enables the employees to individually adapt the light at their desks for comfortable work conditions.

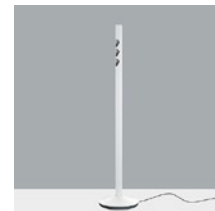
Luminaires used in the project



Compar



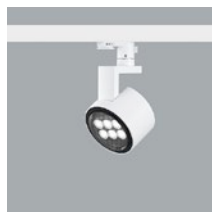
Lightgap



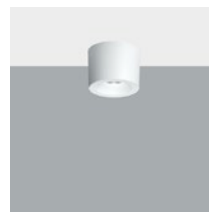
Lucy



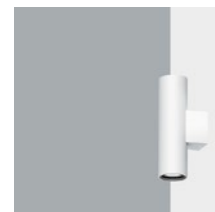
Pantrac



Parscan



Skim



Starpoint



Tesis

Copies and links requested.

For further information or image material please contact:

mai public relations GmbH
Arno Heitland
Leuschnerdamm 13
10999 Berlin
Germany
Tel: +49 (0) 30 66 40 40 553
erco@maipr.com
www.maipr.com

About ERCO

The ERCO Light Factory in the German town of Lüdenscheid is a leading international specialist in architectural lighting using LED technology. The family business, founded in 1934, now operates as a global player with independent sales organisations and partners in 55 countries worldwide. Since 2015 ERCO's portfolio has been 100% LED. With this in mind, ERCO in Lüdenscheid develops, designs and produces digital luminaires with focus on photometrics, electronics and design. Work-

ing closely with architects, lighting designers and engineers, ERCO develops lighting tools used primarily for applications in the following fields: Work, Shop, Culture, Community, Hospitality, Living, Public and Contemplation. ERCO understands digital light as the fourth dimension of architecture – providing highly precise and efficient lighting solutions to support creative designers in turning their visions into reality.

