



Sophisticated outdoor lighting concepts with darklight lenses: The Beamer^{New} projector range from ERCO

Copies and links requested.

For further information or image material please contact:

ERCO GmbH
Katrin Haner
Content Manager / PR
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany
Tel.: +49 2351 551 345
k.haner@erco.com
www.erco.com

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

Lüdenscheid, March 2022. The lighting technology of ERCO's highest-output museum spotlights is now also conquering outdoor applications in the form of the [Beamer^{New}](#) range of projectors. The first of their kind to feature darklight lenses, the luminaires offer unrivalled variations in terms of digital control modes, interchangeable lens units and mounting options. They are predestined for sophisticated outdoor lighting tasks with their quality of light and outstanding visual comfort.

Light in outdoor spaces fulfils needs on several levels. The harmonious appearance of a building at night, a neighbourhood or even an entire town or city forms the background. Individual areas and objects, with their specific lighting design, then come to the fore. These can be sculptures in a park, striking details on a facade or places fulfilling special functions, for example entrances and exits. Such individual lighting tasks cannot be technically solved according to standard methods. Instead, lighting tools are needed that are highly precise and adaptive and that enable adjustments even in the finest nuances, or put succinctly, that effortlessly control light and darkness in outdoor spaces. ERCO targets this type of outdoor lighting project with its [Beamer^{New}](#) range of projectors – the name reflects the innovative approach and the luminaires

confidently stand out from both their predecessors and the competition in terms of lighting technology.

Maximum precision and a magical impression

The decisive difference is already clearly visible at first sight: an anti-reflective cover glass conceals the lens optics with only a single LED light point. This is so well shielded that it remains glare-free when seen from almost any angle. The light emission without spill light appears dark even if the projector is switched on – hence the term darklight. ERCO is currently already using this lighting technology in its [Eclipse spotlight range](#) for museums and galleries.

[Beamer](#) ^{New} thus provides many of the qualities of these high-end museum spotlights for outdoor purposes – for example the wide selection of interchangeable, high-precision darklight optics for rotationally symmetric beams ranging from narrow spot (5°) to extra wide flood (82°). The luminaires also feature practice-oriented light distributions such as oval flood (19° x 65°), oval wide flood (60° x 87°) and wallwash, using Spherolit lens technology developed by ERCO. A new development in outdoor illumination is the two continuously adjustable optics Zoom spot (17°- 66°) and Zoom oval (28°x 68° - 66°x 71°), whilst further lenses and filters as accessories enable additional fine tuning. Thus everyone benefits: planners and designers are provided with application-precise solutions for a wide diversity of lighting tasks, and simultaneously, people in urban areas enjoy the attractive effects of light free from glare, whilst nature and the night sky are spared disturbing spill light.

In terms of digital connectivity and control, the [new Beamer projectors](#) also bring options to outdoor lighting that were previously reserved for high quality indoor spotlights. In addition to proven interfaces such as DALI, ERCO also offers the option of wirelessly controlling and configuring Beamer projectors with Casambi Bluetooth. This user interface enables convenient setting of the dimming value, colour temperature and RGBW chromaticity location in all available versions. Coordinated lighting parameters can be selected for every situation and programmed into corresponding light scenes. This not only makes the lighting design more flexible, but also makes operation more efficient and resource-saving. Once set, timer programmes or the integrated astronomical clock for example ensure the right lighting atmosphere at any time of night.

Intelligent housing and mounting solutions

The high flexibility of the [Beamer projectors](#) in terms of optics and connectivity continues with installation. Whether on the ground, on facades or high masts, luminaires can always be mounted quickly and securely with the appropriate accessories. The projector is available with matching connection thread for mast mounting on G1/2 threaded holes provided on site. A dial on the swivel joint facilitates alignment. The luminaire head is made of double powder-coated diecast aluminium and the housing and mounting plate are of robust, UV- and corrosion-resistant special plastic – the projectors thus withstand harsh environmental conditions in the long run.

In addition to ten different distributions, the new [Beamer](#) projector system consists of two sizes: size S with diameter 104 mm provides luminous flux of up to 1484lm at a connected load of 12.4W and size M with diameter 144mm up to 2598lm at a connected load of 21.6W. A further system parameter is the light colours: LED modules in warm white (3000K), neutral white (4000K) as well as in Tunable White or RGBW are available as standard. On request, the „[ERCO individual](#)“ service also realises versions with 3000K (CRI 97) or with 2700K, 3500K, 4000K (CRI 92), and also offers customers the option of precisely matching the housing of the projector to the architectural context by specifying from 10,000 individual colours.

[More infos on Beamer](#) ^{New}

[Link to the film](#)

Copies and links requested.

For further information or image material please contact:

ERCO GmbH

Katrin Haner
Content Manager / PR
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany
Tel.: +49 2351 551 345
k.haner@erco.com
www.erco.com

mai public relations GmbH

Arno Heitland
PR Consultant
Leuschnerdamm 13
10999 Berlin
Germany
Tel: +49 30 66 40 40 553
erco@maipr.com
www.maipr.com

Technical features

ERCO lens system:	lens optic made of optical polymer (darklight lens or Spherolit lens)
Distributions:	Narrow spot (5°), Spot (17°), Flood (28°), Zoom spot (17° x 66°), Zoom oval (28° x 68° - 66° x 71°), Wide flood (47°), Extra wide flood (82°), Oval flood (19° x 65°), Oval wide flood (60° x 87°), Wallwash (uniform wallwashing)
ERCO LED module:	high-power LED
Light colours:	3000K CRI 92, 4000K CRI 92, tunable white (2700K - 8000K) or RGBW. On request: 2700K CRI 92, 3000K CRI 97, 3500K CRI 92, 4000K CRI 92,
Housing:	Graphit m
Installation:	mounting plate or G1/2 connection thread
Control gear:	switchable, DALI dimmable, Casambi Bluetooth

Copies and links requested.

For further information or image material
please contact:

ERCO GmbH

Katrin Haner
Content Manager / PR
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany
Tel.: +49 2351 551 345
k.haner@erco.com
www.erco.com

mai public relations GmbH

Arno Heitland
PR Consultant
Leuschnerdamm 13
10999 Berlin
Germany
Tel.: +49 30 66 40 40 553
erco@maipr.com
www.maipr.com

Images



The lighting technology of ERCO's highest-output museum spotlights is now also conquering outdoor applications in the form of the Beamer^{New} range of projectors.

Copyright: ERCO GmbH



The new Beamer projectors are the first of their kind to feature darklight lenses, an ERCO technology previously only used in high-end museum spotlights. The luminaires meet maximum demands for quality of light and visual comfort in outdoor applications.

Copyright: ERCO GmbH



Two sizes: different lumen packages for your application from 302lm to 2598lm, sizes from diameter 104mm.

Copyright: ERCO GmbH

Copies and links requested.

For further information or image material please contact:

ERCO GmbH
 Katrin Haner
 Content Manager / PR
 Brockhauser Weg 80-82
 58507 Lüdenscheid
 Germany
 Tel.: +49 2351 551 345
 k.haner@erco.com
 www.erco.com

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



The optics, in the form of lens units, can be replaced with one hand without tools and exchanged for optics with different characteristics.

Copyright: ERCO GmbH

Images



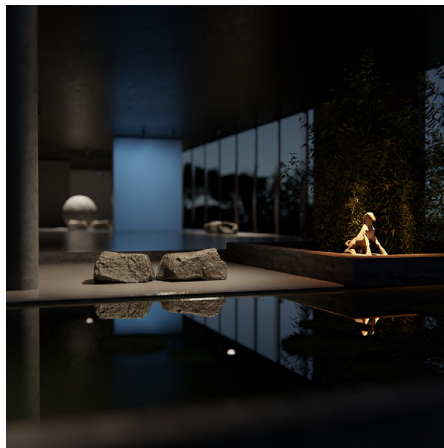
Whether on the ground, on facades or high masts, luminaires can always be mounted quickly and securely with the appropriate accessories.

Copyright: ERCO GmbH



Good light in outdoor spaces is adaptable: the new Beamer projectors not only feature interchangeable darklight lenses but also digital control options, classically via DALI, but also wirelessly via Casambi Bluetooth – for the right lighting atmosphere at any time of night.

Copyright: ERCO GmbH
Visualization: Electric Gobo



Light in outdoor spaces fulfils needs on several levels. The harmonious appearance of a building at night, a neighbourhood or even an entire town or city forms the background. Individual areas and objects, with their specific lighting design, then come to the fore.

Copyright: ERCO GmbH
Visualization: Electric Gobo

Copies and links requested.

For further information or image material please contact:

ERCO GmbH
Katrin Haner
Content Manager / PR
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany
Tel.: +49 2351 551 345
k.haner@erco.com
www.erco.com

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

About ERCO

ERCO is an international specialist for high-quality and digital architectural lighting. The family-owned company, founded in 1934, operates globally in 55 countries with independent sales organisations and partners.

ERCO understands light as the fourth dimension of architecture – and thus as an integral part of sustainable building. Light is the contribution to making society and architecture better and, at the same time, preserving our environment. ERCO Greenolog® – the corporate strategy for sustainable lighting – combines ecological responsibility with technological expertise.

At the light factory in Lüdenscheid, Germany, ERCO develops, designs and manufactures luminaires with a focus on photometric optics, electronics and sustainable design. The lighting tools are developed in close collaboration with architects, lighting designers and electrical designers. They are used primarily in the following applications: Work and Culture, Community and Public/Outdoor, Contemplation, Living, Shop and Hospitality. ERCO lighting experts support designers worldwide in transforming their projects into reality with highly precise, efficient and sustainable lighting solutions.

If you require any further information on ERCO or image material, please visit us at www.ercos.com/presse. We can also provide you with material on projects worldwide for your media coverage.

Copies and links requested.

**For further information or image material
please contact:**

ERCO GmbH

Katrin Haner
Content Manager / PR
Brockhauser Weg 80-82
58507 Lüdenscheid
Germany
Tel.: +49 2351 551 345
k.haner@ercos.com
www.ercos.com

mai public relations GmbH

Arno Heitland
PR Consultant
Leuschnerdamm 13
10999 Berlin
Germany
Tel: +49 30 66 40 40 553
ercos@maipr.com
www.maipr.com