

Technical finesse for precise light:

ERCO Gimbal recessed spotlights, floodlights and wallwashers

Lüdenscheid, February 2017. The new ERCO range of recessed spotlights with gimbal suspension offers a modern interpretation of a fascinating technical principle featuring digital ERCO photometrics. As a comprehensive system of lighting tools in different sizes, covering a wide variety of watt-ages and light distributions in a compact design, Gimbal is quick and easy to adjust with pinpoint precision – making it the ideal tool for retail projects. Its unique design blends seamlessly with interiors and brand architecture reflecting sophisticated technology.

Effective lighting is paramount for the presentation of objects – be it in retail projects or in exhibitions. This requires a set of versatile lighting tools that combine the highest standards of light quality and efficiency with a design that achieves the right visual effect in its architectural setting. Gimbal offers an elegant solution with a technoid aesthetic that transcends mere style, emanating directly from the unique mechanical and photometric features applied to the new product range. This explains the fact that Gimbal luminaires are effective as authentic details in a technology-oriented environment such as a car showroom or science museum, but yet strike a compelling contrast to minimalist or historic architecture.

Cardanic motion based on nautical compass

Gerolamo Cardano (1501-1576), a polymath born in the Lombardy region of northern Italy, was the first to describe a particular type of swivel mechanism that today bears his name. A cardan suspension – better known as a gimbal – is a device consisting of two intersecting rings that are connected with bearings to rotate around orthogonal axes, thereby providing free motion in suspension. The concept behind it is as old as Leonardo da Vinci, who suggested its use in a nautical compass to keep it horizontal even during the movements of a ship. Cradled in a gimbal suspension, the ERCO Gimbal luminaires can be tilted easily by up to 40° in any direction – with absolute precision and minimum effort.

ERCO GmbH
Nina Reetzke
Press Officer
Postfach 2460
58505 Lüdenscheid
Germany

Brockhauser Weg 80-82
58507 Lüdenscheid

Tel: +49 (0) 2351 551 690
Fax: +49 (0) 2351 551 340
n.reetzke@erco.com
www.erco.com

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

A compelling system for brilliant lighting design

The convenient swivel mechanism and the slim compact design of the luminaire are, in themselves, ample argument to suggest Gimbal as a great tool for scenic lighting concepts. In addition, the highly efficient photometrics of ERCO's luminaires enable broad use with seven light distributions based on a combination of LED modules, collimators and interchangeable Spherolit lenses. With rotationally symmetrical characteristics from narrow spot through to spot, flood, wide flood and extra wide flood, Gimbal offers an appropriate solution for lighting tasks ranging from high-contrast accentuation of objects through to uniform floodlighting, while the axially symmetrical distribution pattern with oval flood characteristic and the asymmetrical wallwash option ensure superbly uniform vertical illuminance. Different sizes with various lumen packages make Gimbal an exceptionally versatile lighting tool that lends itself for use in shops with ceiling heights of three to ten metres.

Snoots are available as accessories for narrow beam luminaires and wallwashers where situations require optimum glare control. Gimbal allows for a wide range of variations with three sizes, each with two different lumen packages and the two colour temperatures warm white (3000K) and neutral white (4000K). Control gear options include switchable, phase dimmable or DALI version. The system includes mounting rings in black or white, for flush or covered mounting, using the same design principle as the Quintessence range and are just as quick and easy to install. In addition to superior product quality and high visual comfort, the Gimbal range offers a logic and scope that makes it the preferred choice for designers.

ERCO GmbH
Nina Reetzke
Press Officer
Postfach 2460
58505 Lüdenscheid
Germany

Brockhauser Weg 80-82
58507 Lüdenscheid

Tel: +49 (0) 2351 551 690
Fax: +49 (0) 2351 551 340
n.reetzke@erco.com
www.erco.com

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

Technical features

ERCO lens system:	Spherolit lens, collimator made of optical polymer, light distributions: narrow spot, spot, flood, wide flood, extra wide flood, oval flood (rotatable through 360°), wallwash
ERCO LED module:	High-power LEDs on metal-core PCB, light colours: warm white or neutral white, 3000 or 4000K
Housing:	Light head made of cast aluminium, powder-coated black, gimbal suspension, angle of tilt 40°, three sizes
Mounting:	With mounting ring made of polymer, covered or flush
Control gear:	Switchable, dimmable (trailing edge) or DALI

Images



Cradled in a gimbal suspension, the ERCO Gimbal luminaires can be tilted conveniently by up to 40° in any direction – with perfectly precision and minimum effort.

© ERCO GmbH, www.erco.com



Highly efficient photometrics suggest Gimbal as a great tool for scenic lighting concepts – a combination of LED modules, collimators and interchangeable Spherolit lenses enables broad use thanks to seven light distributions.

© ERCO GmbH, www.erco.com



Gimbal offers an elegant solution with a tech-noid aesthetic that transcends mere style, emanating directly from the unique mechanical and photometric features applied to the ERCO recessed spotlights.

© ERCO GmbH, www.erco.com

ERCO GmbH
Nina Reetzke
Press Officer
Postfach 2460
58505 Lüdenscheld
Germany

Brockhauser Weg 80-82
58507 Lüdenscheld

Tel: +49 (0) 2351 551 690
Fax: +49 (0) 2351 551 340
n.reetzke@erco.com
www.erco.com

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. Working 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.

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

ERCO GmbH
Nina Reetzke
Press Officer
Postfach 2460
58505 Lüdenscheid
Germany

Brockhauser Weg 80-82
58507 Lüdenscheid

Tel: +49 (0) 2351 551 690
Fax: +49 (0) 2351 551 340
n.reetzke@erco.com
www.erco.com

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