

**Ergonomic light for offices – also with tunable white Jilly pendant luminaires from ERCO for modern work environments**

**Lüdenscheid, March 2019.** Efficient, elegant and standard compliant: LED lens optics in grid configurations characterise the appearance of the Jilly range from ERCO. The linear version of the Jilly pendant luminaire can be installed precisely where light is needed for office work – crisply and glare-free. Jilly pendant luminaires offer additional visual comfort with their optional indirect component, also available in tunable white: ideal for implementing advanced Human Centric Lighting (HCL) office concepts for example.

Successful office concepts combine apparent contradictions: they improve the productivity and well-being of employees, but at the same time are economical in installation and operation. A focus is increasingly being accorded to lighting. More and more lighting designers are now applying recognitions from chronobiology to Human Centric Lighting (HCL): In such applications, glare-free light with a constant light colour and dimmable, illuminates the work surface in accordance with standards. At the same time, indirect light brightens the ceiling – in the morning for example with fresh, stimulating daylight white, and in the evening with soft warm white to support the biological rhythm of office users. ERCO now offers its new Jilly pendant luminaires as flexible and economical tools for such lighting concepts. They belong to an extensive product range which, in addition to pendant luminaires, also includes recessed and surface-mounted luminaires as well as downlights for track, and all in a consistent design.

**Efficient visual comfort for office workplaces**

With Jilly, ERCO has implemented innovative lighting technology: this consists of a highly efficient optical polymer lens system arranged in a grid and combined with Mid-power LEDs with particularly high luminous efficacy of over 140 lumens per watt. Lighting designers can select between two light distributions: oval wide flood and extra wide flood. The axially symmetric oval wide flood distribution can be aligned exactly to the arrangement of the workstations, whilst rotationally

symmetric extra wide flood distribution is ideal for conference tables and reception desks. The lens optics in combination with the black or silver anti-dazzle louvre provide very good visual comfort, and with UGR<19 also comply to standards for office workstations. Their glare-free vertical light component also generates high cylindrical illuminance at head height: as a result the faces of employees and discussion partners are illuminated in a pleasant and easily recognisable way which, in turn, promotes effortless communication in the office.

### **An elegant, easy-to-install design**

Their flat, clearly proportioned design makes Jilly pendant luminaires a design statement that sets them apart from conventional office luminaires. The height-adjustable mounting system consists of a wire and cable with ceiling canopy that also enables through-wiring. Jilly pendant luminaires are available with direct distribution or direct/indirect light. Direct/indirect lighting is popular in the office sector because its diffuse light component creates balanced contrasts in the room. Luminous flux consists of a highly practical 3840 lumens (direct) and 6315 to 7990 lumens (direct/indirect).

### **Tunable white: for atmosphere and biorhythm**

Jilly pendant luminaires offer a choice of six different light colours ranging from warm white to neutral white: 3000K and 4000K (Ra 82) as well as 2700K, 3000K, 3500K and 4000K (Ra 92). As a special feature, the indirect component is also available with tunable white: this means that colour temperature can be continuously varied from 3000K to 6000K. This is controlled via DALI, as is the individual brightness of both light components. In combination with suitable lighting control systems, concepts can be implemented with Jilly pendant luminaires that incorporate Human Centric Lighting and bring the rhythm of daylight into the office.

Both switchable and DALI dimmable control gear are available for versions without tunable white. To modify the appearance of the luminaires to the specific design concept, the anti-dazzle louvres are available in black and silver – or via the "ERCO individual" service also with the desired individual metallic surface or

colour. As part of the extensive Jilly family, the Jilly pendant luminaires are exceptionally versatile tools for the illumination of modern workplaces.

## Technical features

ERCO lens system:	lens optic made of optical polymer
Direct light distributions:	Extra wide flood, Oval wide flood
Indirect light distribution:	diffuse, indirect
ERCO LED module:	Mid-power LEDs
Light colours:	3000K and 4000K (Ra 82) and 2700K, 3000K, 3500K and 4000K (Ra 92). Uplight module also available in tuneable white.
Louvre:	polymer, silver or black
Housing:	polymer, 1500 x 120.5 x 40.5 mm. Colour: white
Installation:	suspended, height-adjustable with wire or supply cable and ceiling canopy; through-wiring possible.
Control gear:	switchable, DALI

## Images



Jilly pendant luminaires for modern work environments are positioned particularly flexibly and precisely. The optional indirect component pleasantly brightens the ceiling.

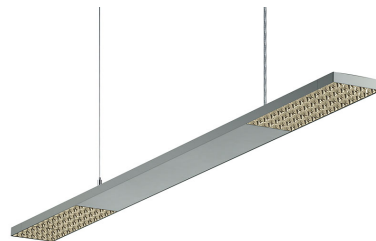
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Visualization: Axel Groß



The elegant, flat shape of Jilly pendant luminaires is a design statement that stands out from conventional office luminaires.

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The "ERCO individual" service offers extensive options for individualising Jilly pendant, including additional light colours and housing colours.

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**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.

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