

**Flexible infrastructure and indirect lighting:**

**With Hi-trac profiles from ERCO**

**Lüdenscheid, June 2017.** Hi-trac from ERCO is a self-supporting rail system offering not only design flexibility due to wide spacing – the profile is also a lighting structure for indirect general lighting. The lighting tool can therefore be seen as a versatile supplement to flexible lighting with spotlights and tracks for display applications in museums, galleries and exhibitions.

A classic application for profiles such as Hi-trac is for example large historical halls used as exhibition spaces. In such situations Hi-trac solves two tasks at the same time with minimized impact on the valuable building structure: A suspended structure of Hi-trac profiles allows ERCO spotlights and floodlights to be freely positioned on the integrated 2-circuit track for exhibition lighting. The extruded aluminum profile with a narrow, high section enables suspension spacing up to 12ft, thereby requiring just a few suspension points. Simultaneously, Hi-trac luminaires with LED modules integrated in the upper profile can also implement indirect general lighting with high visual comfort or illuminate decoratively designed ceilings.

**A modular kit with diverse options**

Hi-trac profiles also creatively solve appropriate lighting tasks in new buildings such as cultural institutions, foyers and premium retail projects. For this purpose the Hi-trac system features not only silver or white track profiles in two lengths of 8ft and 12ft, but also a diverse range of mounting accessories. In addition to power feeds, end plates and various L, T and X-connectors for creating complex light structures, these also include wire and pendant suspensions as well as wall fittings for a wide variety of constructional situations. The flexible system enables both lighting designers and interior designers to develop elegant structures that in terms of shape and proportions harmonize ideally with the specific space. The highly dependable and efficient Hi-trac mounting has already proved its worth in a great many lighting projects around the world.

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## Indirect light with efficient LED technology

The upper section of the Hi-trac system's powder-coated aluminum profile is used not only for fixing purposes but also for through-wiring, and can be sealed with a cover profile. With the Hi-trac luminaires the profile accommodates the indirect light distribution utilizing LED technology. The LED module with 12W power consumption emits 1175lm luminous flux in warm white (3000K) and 1533lm in neutral white (4000K). The module has a diffuser cover of structured plastic and integrated, phase-dimmable control gear. Users also benefit from the ERCO luminaire system concept with Hi-trac as well – stringently selected LEDs for both spotlights and Hi-trac luminaires ensure that the color locations of the various lighting components with identical light color remain continuously matched.

## Technical features

ERCO lens system:

ERCO LED module:

Housing:

Control gear:

Diffuser made of ribbed optical polymer.

High-efficiency LEDs on metal core PCBs, light colors: warm white (3000K) or neutral white (4000K),

Powder-coated cast aluminum, white or silver

Phase dimmable

## Images



Hi-trac, the self-supporting track system from ERCO, has perfected indirect general lighting with high visual comfort. The profile is ideal for illuminating decorative ceilings.

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Hi-trac provides infrastructure with high structural efficiency as at the Barbican Art Gallery in London.

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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 organizations 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](http://www.erco.com/presse). We can also provide you with material on projects worldwide for your media coverage.

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