



How light becomes more efficient, more flexible and more digital: ERCO presents the next generation of Parscan spotlights

Lüdenschied, January 2022. At ERCO, for almost 20 years the name Parscan has been synonymous with versatile spotlights that emit outstanding quality of light from elegant cylindrical housings. [The new generation](#) now comprises three product ranges in the form of Parscan 48V, Parscan InTrack and Parscan OnTrack – and in every respect offers more Parscan than ever before.

In order to optimally illuminate exhibits in museums and galleries, architects and lighting designers use spotlights mounted on track, as has been done for generations. But such systems are also used in modern boutique offices to set lighting accents, wallwash and emphasise functional areas in foyers via brightness contrasts. Spotlights with a basic cylindrical construction have long been an archetype – which is all the more reason for high standards of innovative technology and superior details. ERCO responds to this demand with its new generation of the Parscan range of spotlights, further developed in all aspects.

Typical features of Parscan's simple and elegant design ensure a high recognition factor: for example the angled support bracket that fits flush into the housing when the spotlight is aligned vertically downwards. Compared with its predecessors and the mass of competitors' generic products, the progress is reflected in visibly increased effectiveness and quality of light, greater flexibility in application and more digital control. In the Parscan spotlights ERCO uses re-engineered, even more precise and finely structured Spherolit lenses for controlling the light – in no less than 12 practical light distributions that, as compact lens units, can be exchanged without tools.

Brings more light to the target area

The superior quality of the Spherolit optics is inadequately expressed in only lumens per watt (lm/W) which ultimately only specifies how much light is emitted from the luminaire. Laboratory measurements by ERCO confirm the visual impression of spill light-free, exceptionally uniform and high-output light beams: Parscan spotlights are

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leaders in terms of illuminance on the target surface, expressed in lux per watt (lx/W). In other words: Spherolit technology provides light only where it is intended. With this level of effectiveness and precision, energy-efficient lighting concepts can be realised which conserve resources and at the same time achieve impressive effects.

Brings more variation to lighting concepts

The broad technical platform of Parscan makes this quality of light accessible for a wide range of applications. Spotlights in sizes XS, S and M will be available for the market launch, and further sizes from L to XXL for [Parscan InTrack](#) will follow during the course of the year. This means that lumen packages are available for any size and dimension of project.

The three Parscan ranges cover different applications: Thanks to the miniaturised dimensions of its adapter combined with the [Minirail 48V](#) track [Parscan 48V](#) is particularly suitable for compact rooms, for example in boutique offices. Parscan InTrack impresses with an ultra-slim Intrack adapter for 3-circuit track, functioning as a universal system for applications where versatility and a minimalist design come to the fore – for example in museum and gallery lighting. [Parscan OnTrack](#) with its classic transadapter is the ideal solution for supplementing existing dimmable lighting installations with state of the art spotlight technology.

Customised in next to no time

For all Parscan models ERCO offers a choice of six LED light spectra with colour temperatures from 2700K to 4000K and a colour rendering index (CRI) of up to 97 at 3000K. Those requiring even finer gradations can use the four conversion filters available as accessories – or opt directly for Tunable White or RGBW technology for coloured lighting designs.

The 12 distributions include five rotationally symmetric distributions ranging from narrow spot (5°) to extra wide flood (82°) as well as special optics: as a core expertise of ERCO, a wallwash optic provides high quality, extremely uniform and efficient vertical illumination. In addition, there are also two floodlights with oval beams, continuously adjustable zoom spotlights with spot (16°- 68°) or oval (25°x 63° - 65°x 68°) beams and two contour spotlights with different focal distances. The distributions can also be modulated with soft focus or sculpture lenses as accessories. The optics are mounted in compact lens units that are exchanged without tools – this is ideal for building up a flexible pool of luminaires for e.g. temporary exhibitions.

Wireless, dynamic and digital

Parscan is just as flexible and customisable in terms of control as it is with light colours and distributions. Six control modes can be chosen from: wired with Multi Dim, DALI, Push Dim or phase dimming as well as wireless with Casambi Bluetooth or Zigbee 3.0. Three Add-on Control Units for plugging in provide even further flexibility. The type of control can be changed by exchanging these control elements on the back of the luminaire, for example from manual dimming via the rotary control on the luminaire (On-Board Dim) to Casambi Bluetooth wireless control.

For the new generation of the spotlight range it can thus be said: Parscan provides architects and lighting designers with universal tools that meet the highest quality requirements – and, thanks to their intelligent system design, luminaires that are adaptable to the lighting tasks of the future.

[More information on Parscan](#)

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Technical features

Parscan InTrack for track

ERCO lens system:	lens optic made of optical polymer (Spherolit lens)
Direct distributions:	Narrow spot (5°), Spot (16°), Flood (29°), Zoom spot (16° - 68°), Zoom oval (25° x 63° - 65° x 68°), Framing (crisp-edged illumination of pictures), Wide flood (46°), Extra wide flood (82°), Oval flood (15° x 63°), Oval wide flood (54° x 79°), Wallwash (uniform wallwashing)
ERCO LED module:	high-power LED
Light colours:	2700K CRI 92, 3000K CRI 92, 3000K CRI 97, 3500K CRI 92, 4000K CRI 92, 4000K CRI 92, tunable white (2700K - 8000K) or RGBW
Housing:	aluminium, colour: white, black, silver
Installation:	InTrack adapter
Control gear:	switchable, On-board Dim, Multi Dim, Multi Dim + On-board Dim, Casambi Bluetooth (+ DALI via Gateway) or Zigbee 3.0 Multi Dim version: DALI dimmable, Push Dim or dimming with external dimmers (leading edge-/trailing edge-/ universal dimmer) possible On-board Dim version: rotary control on the luminaire for brightness control

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Technical features

Parscan OnTrack for track

ERCO lens system:	lens optic made of optical polymer (Spherolit lens)
Direct distributions:	Narrow spot (5°), Spot (16°), Flood (29°), Zoom spot (16° - 68°), Zoom oval (25° x 63° - 65° x 68°), Framing (crisp-edged illumination of pictures), Wide flood (46°), Extra wide flood (82°), Oval flood (15° x 63°), Oval wide flood (54° x 79°), Wallwash (uniform wallwashing)
ERCO LED module:	high-power LED
Light colours:	2700K CRI 92, 3000K CRI 92, 3000K CRI 97, 3500K CRI 92, 4000K CRI 92, 4000K CRI 92
Housing:	aluminium, colour: white, black, silver
Installation:	transadapter or DALI transadapter
Control gear:	switchable, phase dimmable + On-board Dim, DALI dimmable Phase dimmable + On-board Dim version: Dimming with external dimmers (trailing edge) possible and rotary control for brightness control on the luminaire

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Technical features

Parscan 48V for Minirail track 48V

ERCO lens system:	lens optic made of optical polymer (Spherolit lens)
Direct distributions:	Narrow spot (5°), Spot (16°), Flood (29°), Zoom spot (16° - 68°), Zoom oval (25° x 63° - 65° x 68°), Framing (crisp-edged illumination of pictures), Wide flood (46°), Extra wide flood (82°), Oval flood (15° x 63°), Oval wide flood (54° x 79°), Wallwash (uniform wallwashing)
ERCO LED module:	high-power LED
Light colours:	2700K CRI 92, 3000K CRI 92, 3000K CRI 97, 3500K CRI 92, 4000K CRI 82, 4000K CRI 92, tunable white (2700K – 8000K) or RGBW
Housing:	aluminium, colour: white, black, silver
Installation:	ERCO Minirail adapter
Control gear:	switchable, On-board Dim, Casambi Bluetooth (+ DALI via Gateway), Zigbee or Wireless DALI Connect On-board Dim version: rotary control on the luminaire for brightness control

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Images



The new generation of Parscan spotlights offers more Parscan than ever before in every respect. A high recognition factor is ensured by typical design features such as the angled support bracket that fits flush into the housing when the spotlight is aligned vertically downwards.

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Parscan lens units are quick and easy to replace – without tools and with just one hand: for example from wallwashing to framing. Ideal for applications with changing requirements, e.g. in exhibitions and galleries.

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Images



Parscan has a choice of six control modes: wired with Multi Dim, DALI, Push Dim or phase dimming, and wireless with Casambi Bluetooth or Zigbee 3.0. Three Add-on Control Unit for plugging in provide even greater flexibility. The control mode can be changed at any time by exchanging these control elements on the back of the luminaire

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Optimised for different applications, Parscan always offers the right lumen package: starting with sizes XS to M for use in display cases, exhibition lighting in museums and galleries or as an elegant lighting solution in boutique offices. The range will be expanded by three sizes in mid-2022 for illuminating high spaces such as foyers and atria.

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With the extensive accessory system, Parscan spotlights can be individually adapted to the specific application. Lenses, filters and anti-glare elements are fitted without tools and up to three components can be combined with each other.

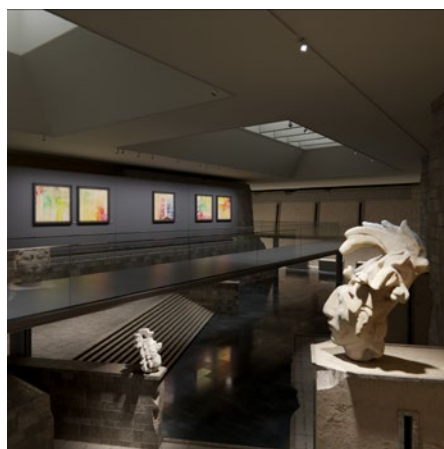
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Parscan InTrack impresses with an ultra-slim Intrack adapter for 3-circuit track, functioning as a universal system for applications where versatility come to the fore – for example in museum or gallery lighting.

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Visualization: Electric Gobo

Images



Parscan 48V is particularly suitable for smaller rooms, for example in boutique offices, thanks to the miniaturised dimensions of the adapter and Minirail 48V track. In such applications they set accents with light, illuminate wall surfaces with wallwashing or mark functional areas in foyers with brightness contrasts.

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Visualization: Electric Gobo

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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 and Culture, Community and Public/Outdoor, Contemplation, Living, Shop and Hospitality. 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 press.ercos.com/en. We can also provide you with material on projects worldwide for your media coverage.

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