



CARDAN EVOLUTION

NEW STANDARDS IN ACCENT LIGHTING



Conventional cardanic solution
Tilting the luminaire head means that a significant amount of light is directed towards the fitting itself.



CARDAN evolution
A tilt angle of up to 20 degrees can be achieved without the luminaire illuminating itself, supporting a calm ceiling appearance and improved efficiency.

100 % ACCENT LIGHTING. 0 % SELF-ILLUMINATION.

Whether in retail outlets or showrooms, the CARDAN evolution architectural recessed luminaire draws the attention of customers and visitors by creating lighting accents exactly where they are needed. Precision alignment. No self-illumination, just maximum efficiency. Discreet design and seamless installation ensure an uncluttered ceiling aesthetic. Sophisticated accent lighting for high-profile display areas.

"The recess on the housing, also known as the "light groove", is the design's crucial yet discreet unique selling point. This shaping prevents self-illumination and therefore increases the efficiency of the luminaire. Thanks to the luminaire's minimal protrusion, the ceiling aesthetic remains uncluttered, a feature we consider very important in this context. All the advantages of the luminaire are therefore rooted in its functions, resulting in a design that can exist independently of trends."



Alexander Rybol
Head of Product Design
blocher partners



Jürgen Gaiser
Executive Board
Interior/Product Design
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THE RIGHT SHAPE FOR EVERY ROOM.

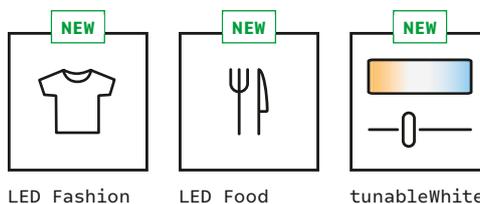
CARDAN evolution is not just an individual luminaire, it's a multifunctional luminaire series – with plenty of scope for individual customisation. Whether in size M (Ø 145 mm) or L (Ø 225 mm), a white, black or silver matt housing, a round or square frame, or with one or up to three luminaires per frame, the modular design allows luminaires to be configured to customer requirements for a bespoke lighting experience.

PERFECT PRESENTATION – FROM CLOTHES TO FOOD

CARDAN evolution features a timelessly simple design and blends seamlessly into the ceiling. A luminaire that takes a step back to allow a variety of rooms to take centre stage, while also enhancing visitor and customer experience with exceptional colour rendering (CRI 90). Different and specific spectra for food and fashion as well as variable modules with tunableWhite are also available.

HIGH LUMEN PACKAGES FOR HIGH-CEILINGED ROOMS

Whether in a car showroom or a foyer, wherever sales and exhibition spaces with particularly high ceilings need to be effectively presented, the size L CARDAN evolution is a must. Thanks to its extended diameter (225 mm), high luminous flux (4900 lm – 7400 lm) and precise lighting technology, the CARDAN evolution L creates high-quality accent lighting even over long distances.





CARDAN evolution M
Accent lighting for a variety of classic lighting tasks in retail areas and exhibition spaces.



CARDAN evolution M with bending glass optic
Increased flexibility thanks to an optical extension of the tilt angle by an additional 20 degrees.



CARDAN evolution M with vertical optic
For the uniform illumination of walls and vertical surfaces.



LESS EFFORT. DIVERSE LIGHT.

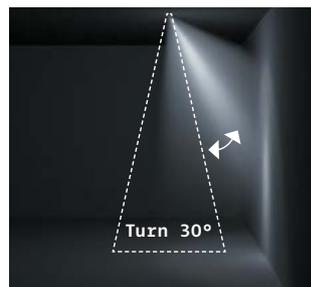
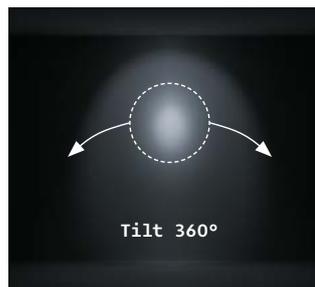
Whether car paintwork, fresh food or designer jeans, CARDAN evolution creates the right lighting for goods and products – with targeted illumination from the ceiling. Perfectly glare-free. Easy to operate. And thanks to its ability to rotate and swivel, it can be moved as required and aligned with extreme precision. For homogeneously illuminated walls and vertical surfaces. Maximum lighting effect, minimal effort.

CUSTOMISED CEILING LIGHTING

Depending on requirements, different beam angles can be created, from very wide (64°) to spotlight (14°). A vertical optic that homogeneously illuminates walls and vertical surfaces is also available. Anyone who requires a particularly flexible lighting tool should opt for the CARDAN evolution M with its bending glass optic that optically extends the pivoting angle by an additional 20 degrees, making it particularly versatile – and all without losing energy through self-illumination.

PRECISION ADJUSTMENT – FROM THE GROUND

Its flexible suspension allows the CARDAN evolution M to be rotated by up to 360° and tilted by up to 30°. Fine adjustments can be carried out with no need for a ladder, with a simple tool that can be used from the ground. The lighting controls are also smart and simple. CARDAN evolution is switchable, DALI-dimmable and addressable via basicDIM wireless technology.



Adjustment tool
for precise
alignment



CARDAN M
Shapes



Round frame



Square frame



Twin-unit frame



Triple-unit frame

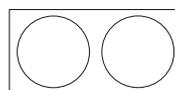
CARDAN L
Shapes



Round frame



Square frame



Twin-unit frame



MODULAR DESIGN. EASY INSTALLATION.

A ready-to-use luminaire in a few simple steps: installing and deinstalling the CARDAN evolution is very user-friendly and simple thanks to the modular design and tool-free assembly.

The mounting ring and all frames can be mounted very easily using Zumtobel's tried-and-tested fixings, while the luminaire head itself is simply clicked into place.

DISMANTLE WITHOUT DAMAGING THE CEILING

Dismantled in no time at all: if sales rooms are redesigned, CARDAN evolution can also be quickly and easily reconfigured. The CARDAN evolution can be swiftly removed using a dismantling tool, without damaging the mounting frame or ceiling, and

the luminaire can be reinstalled – a great advantage in view of increasingly dynamic room utilisation concepts on sales floors and in exhibition halls, and one that ensures you are perfectly equipped for the future of product presentation.





Garage Tornisello AG, Oftringen | CH



Bogner-Store, Hamburg | DE

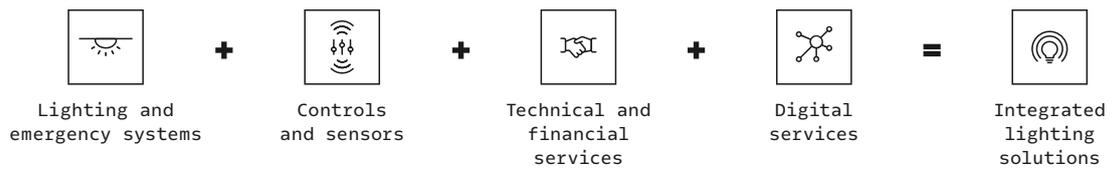
CARDAN EVOLUTION M

CARDAN EVOLUTION L



Ceiling cutout:	Ø 145 mm	Ø 225 mm	
Shape:	round, square		
Luminous flux:	1800 lm to 3900 lm	4900 lm to 7400 lm	
Colour temperature:	3000K, 3500K, 4000K, tunableWhite 2700K to 6500K FASHION: Extra White, Fashion, T30 FOOD: Meat, bakery products, delicacies, fruit, fish, cheese	3000K, 4000K	
Colour rendering:	Ra > 80, Ra > 90		
Light distribution:	Spot, Flood, Wideflood, Vertical, Oval	Spot, Flood	
Lighting control:	Switchable, DALI, Wireless (basicDIM)		
Options:	Single, double and multiple heads	Single and double heads	
Adjustability:	Turn (360°), Tilt (30°)	Turn (355°), Tilt (20°)	
Accessories available:	Bending optic, vertical optic, Very Wide Flood film, oval-outline lens, soft-outline lens, reflectors, dismantling tool, single/double/triple installation frame, safety cable, retrofit rings, safety glass IP54, honeycomb louvre, anti-glare lens tube, adjustment tool	Reflectors, dismantling tool, single/double installation frame, adjustment tool	
Housing colors:	 White	 Black	 Silver matt

T H E L I G H T



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