

ERCO ceiling channel system



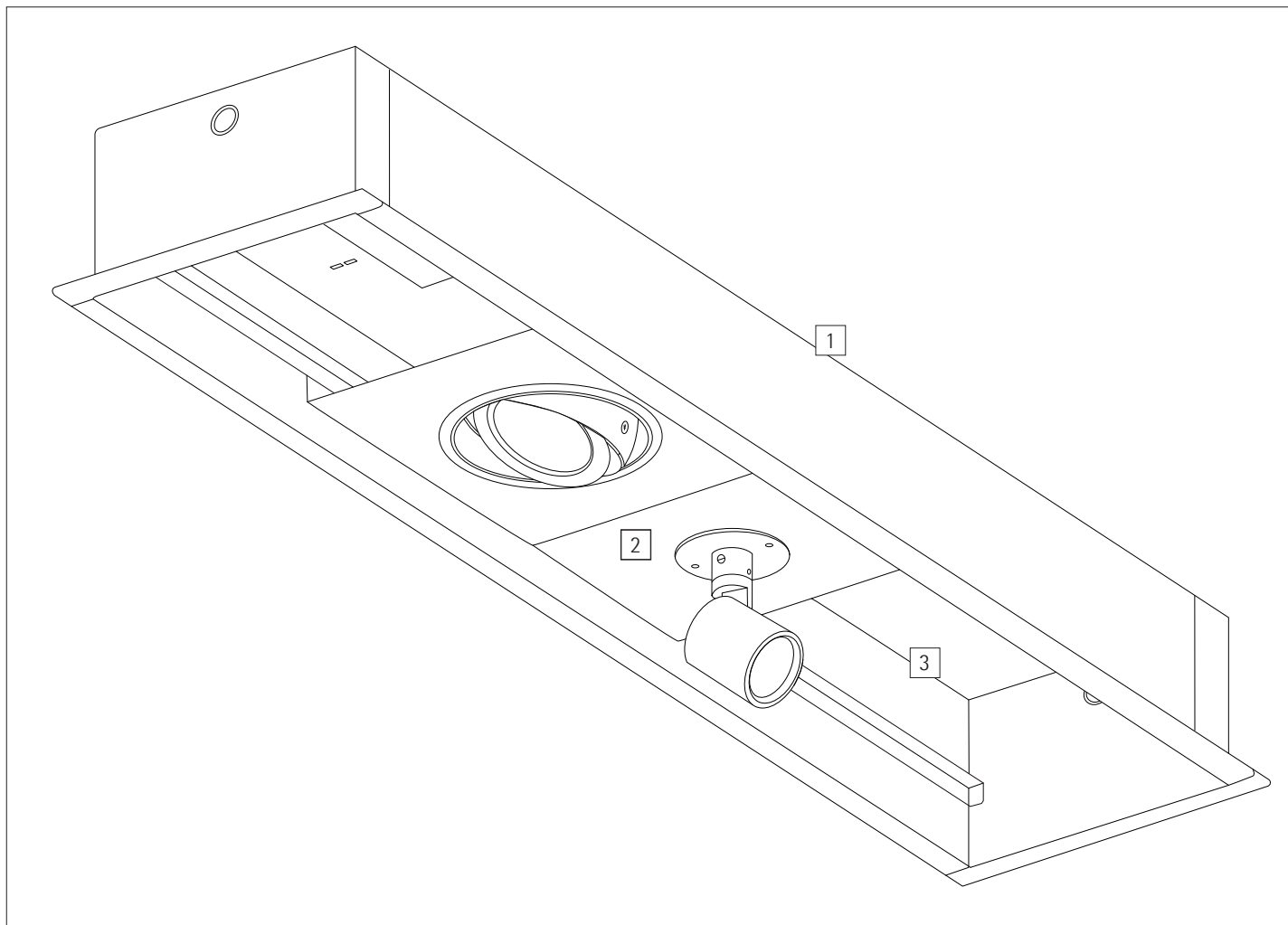
The ERCO ceiling channel system provides a versatile infrastructure for shop lighting purposes. Its linear design structures the space and simultaneously achieves a concise, clean ceiling appearance that places the focus on the display of products with light. With recessed luminaires, recessed spotlights and spotlights adapted to the system from the track portfolio, all tools are available for rich-contrast accenting, uniform wallwashing and efficient general lighting. Create your own individual ERCO ceiling channel system together with your ERCO lighting consultant.

Ceiling channels serve as the infrastructure for shop lighting and underline and trace the architecture. The focus is placed completely on the light effect, for example at the Prada store in Milan.

Photography:
Frieder Blickle.

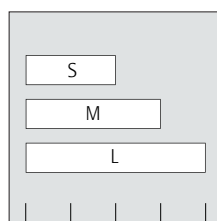


ERCO ceiling channel system Overview



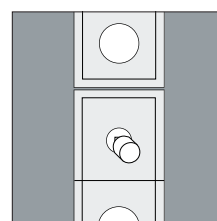
1 Individual dimensions

Delicate lines with light or a multifunctional ceiling channel – basic units allow the ERCO ceiling channel system to be freely configured. Where required, standard elements can be modified in terms of length, width and depth according to project needs. As an individual element of design, the recess between the insertion plate and lower ceiling edge can be defined.



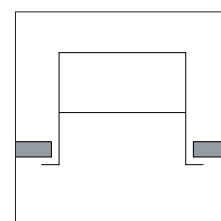
Modular ceiling channel system

The ERCO ceiling channel system is simply configured using basic units. Dimensions can also be individually modified on request. The minimum dimensions are determined by the technical fixtures. Please see the data sheets for appropriate installation dimensions for ERCO luminaires.



Lines that trace the architecture

Single basic ceiling channel units can be interconnected to create various channel lengths.

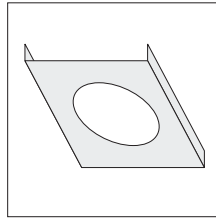


Offset between insertion plate and lower ceiling edge

Ceiling-flush or offset – the recess between the insertion plate and lower ceiling edge can be defined in advance.

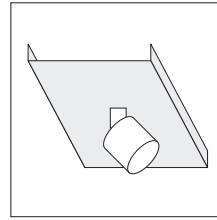
2 Precisely fitting insertion plates

The ERCO ceiling channel is designed as a system with a closed appearance from below. Insertion plates that are removable without tools accommodate the luminaires or other technical fittings. The recess between the inset panels and lower ceiling edge is freely definable.



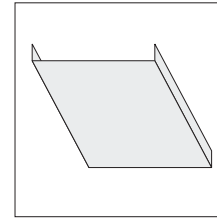
Insertion plates for recessed luminaires

All ERCO recessed luminaires as well as recessed spotlights, floodlights and wallwashers can be integrated into the ERCO ceiling channel system using precisely fitting insertion plates.



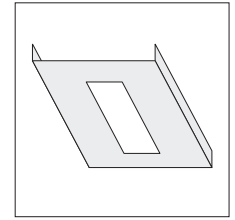
Insertion plates for spotlights

ERCO Oseris, Pollux and Cantax track luminaires can be converted for mounting into ceiling channel systems. Thus luminaires are available that also protrude from the channel in addition to the recessed luminaires.



Closed insertion plates

Blank modules close the channel in areas without fittings. In this way cabling, control gear and electrical distributors can be accommodated in the ceiling channel system away from view and without major installation effort.

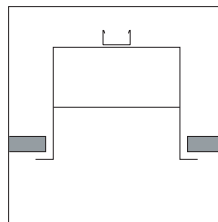


Freely configurable insertion plates

A lot of isolated technical fittings give the ceiling design a cluttered appearance. For this reason ERCO also offers custom-produced insertion plates. These enable lighting designers to also integrate further elements into the ceiling channel system.

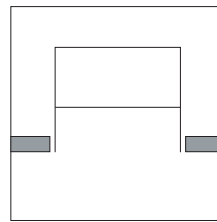
3 Simple mounting

The ERCO ceiling channel is designed for mounting with commercially available, on site suspension systems. Large openings on the back of the channel facilitate intervention into the ceiling's intermediate space during installation. Cabling can be routed openly in the channel and this is not visible from the room due to the insertion plates.



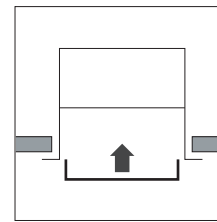
Mounting with standard suspension systems

The ERCO ceiling channel system is factory-supplied with eyelets. CD profiles can also be ordered as an option for fixing. In this way suspensions can be selected on site according to the specifically used ceiling.



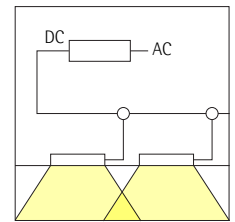
Flush ceiling fixing is possible

The ERCO ceiling channel system can also be mounted flush with a shadow gap using on-site corner protection profiles for ceiling plates.



Insertion plates fitted without tools

The insertion plates can be fixed with a predefined recess into the channel. Installation and removal are possible without tools.



Luminaire through-wiring

Depending on their connected load, several ERCO luminaires can be connected to one control unit via terminals.

The first steps to your ERCO ceiling channel

Simply contact us! The ERCO ceiling channel system enables custom solutions. For us to construct your suitable ceiling channel we require the following information:

1 Geometry

Position of the ceiling channel in the ceiling design or plan view and specifications of the desired dimensions and recess of the insertion plates

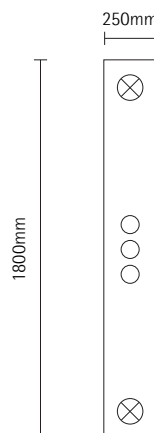
2 Fittings

Article numbers of ERCO luminaires and luminaire positions in the ceiling channel

3 Mounting details

Details of the ceiling design and substructure and specifications of the desired ceiling connection

Example



1 Geometry

- length 1800mm
- width 250mm
- recess 30mm

2 Fittings

- 2 x Gimbal 81998 (12W, oval flood)
- 3 x Pollux based on 73292 (6W, spot)

3 Mounting details

- suspended plasterboard ceiling
- intermediate ceiling space 200mm
- overlapping connection