Panlens – "Circular design" for any architecture

As a compact and cost-effective downlight, Panlens is a universal tool for general lighting. The unobtrusive ceiling aperture wholly recedes behind the lighting effect: "Light instead of luminaires" in the best sense of the word. In addition to the aluminium heat sink of the luminaires, the lens optics are now also made of 100% recycled material. PMMA production residues are reused for this purpose - without compromising on light quality. Panlens recessed luminaires are therefore an entirely sustainable and economical solution, from the resource-saving use of raw materials to simple installation and efficient, reliable operation. The separate control gear is connected by a pre-installed cable. Optional DALI or Casambi Bluetooth interfaces allow for integration into smart control scenarios.

Structure and characteristics
The features described here are typical of products in this range. Special versions may offer additional or varying features. A comprehensive description of the features of individual products can be found on our website.

1 ERCO lens system
- made from 100% recycled optical polymer
- Light distributions: Wide flood or extra wide flood

2 ERCO LED-module
- Mid-power LEDs: warm white (2700K or 3000K) or neutral white (3500K or 4000K)

3 Anti-glare cone
- White (RAL9016)
- Polymer
- With covered mounting detail

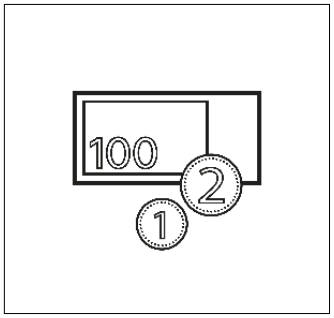
4 Housing
- Cast aluminium, designed as heat sink
- Folding spring fixing for ceiling thicknesses of up to 40mm

5 Control gear
- DALI dimmable or Casambi Bluetooth

Design and application:
www.erco.com/panlens

Efficient ambient lighting
With up to 120lm/W, Panlens offers particularly efficient ambient lighting.

Circular product design with 100% recycled plastic
Our new lens is made from 100% recycled plastic using a circular production process, ensuring no compromise on quality or durability.



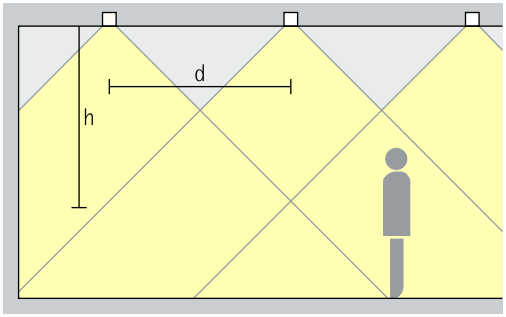
Very good price performance ratio
Panlens recessed luminaires offer an attractive price-performance ratio, ideal for planning tasks focussed on cost-effectiveness.

Special characteristics

- >120lm/W
- Lens made from 100% recycled plastic
- Very good price performance ratio
- ERCO mid-power LEDs
- Efficient lens system
- Different light colours
- Excellent thermal management
- EMC-optimised
- Shallow recess depth
- Tool-free mounting
- DALI dimmable
- Casambi Bluetooth

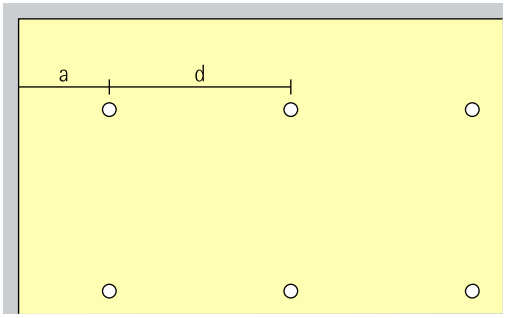
Panlens Recessed luminaires – Luminaire arrangement

Downlights
Wide flood, Extra wide flood



For optimum general lighting, the approximate distance (d) between two Panlens downlights may be up to 1.5 times the height (h) of the luminaire above the working plane.

Arrangement: d ≤ 1.5 x h

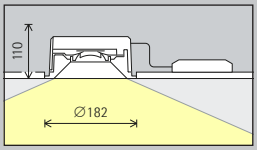


The wall offset should be half the luminaire spacing.

Arrangement: a = d / 2

Panlens Recessed luminaires

Construction size



Size 5

LED module
Maximum value
at 4000K CRI 82

- 9.5W/1974lm
- 15.7W/3052lm

Light colour

2700K CRI 92	3500K CRI 92
3000K CRI 82	4000K CRI 82
3000K CRI 92	4000K CRI 92

Light distribution

- Downlights
- Wide flood
- Extra wide flood

Control

- DALI
- Casambi Bluetooth

Colour (anti-glare cone)

- White

Accessories

- Cover ring
- Compensation set

www.erco.com/panlens

Engel & Völkers Market Centre, Madrid. Photographer: Frieder Blickle, Hamburg.