



ZUMTOBEL

CAELA

**Wall, ceiling and
pendant luminaires**

Slimmer and more precise:
modular lighting system with
Edge-LIT LED technology.

CAELA R430 | 23 W
Opal diffuser
Pendant installation







zumtobel.com/caela



Graft | Design CAELA

“The product development of the CAELA luminaire was triggered by the newly developed Edge-Lit technology. Precisely processed diffuser material enables exact dispersion of the light emitted. At the same time, a lower profile height is possible through intelligent configuration of the components. The product group comprises wall, ceiling and pendant luminaires. Therefore, emphasis was placed on tool minimisation and compatibility. To achieve a preferably frameless and clear design, the casing takes a back seat and lets the emitting surface act as a plane. Several CAELA luminaire elements can be shaped into versatile light sculptures.”

CAELA

Design follows function



CAELA Q430 | 18 W
Opal diffuser
Casing: Matt silver
1:1 scale

CAELA R330
symmetric



Size
Ø 330 mm
Fitting
LED 17 W
Performance level
1100 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Lambertian
Lighting control
Switchable, DALI
Installation options
Wall, ceiling or
pendant installation

CAELA R430
symmetric



Size
Ø 430 mm
Fitting
LED 23 W
Performance level
1500 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Lambertian
Lighting control
Switchable, DALI
Installation options
Wall, ceiling or
pendant installation

CAELA Q330
symmetric



Size
□ 330 mm
Fitting
LED 13 W
Performance level
1200 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Lambertian
Lighting control
Switchable, DALI
Installation options
Wall, ceiling or
pendant installation

CAELA Q430
symmetric



Size
□ 430 mm
Fitting
LED 18 W
Performance level
2100 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Lambertian
Lighting control
Switchable, DALI
Installation options
Wall, ceiling or
pendant installation

CAELA Q330
asymmetric



Size
□ 330 mm
Fitting
LED 21 W
Performance level
1000 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Asymmetric
Lighting control
Switchable, DALI
Installation options
Wall installation

CAELA Q430
asymmetric



Size
□ 430 mm
Fitting
LED 26 W
Performance level
1600 lm
Colour temperatures
3000 K, 4000 K
Light distribution
Asymmetric
Lighting control
Switchable, DALI
Installation options
Wall installation

CAELA

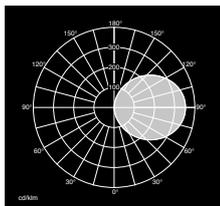
Light that precisely fulfils all lighting tasks

→↑ Symmetric light distribution

Application: General lighting

Beam angles

Lambertian light distribution

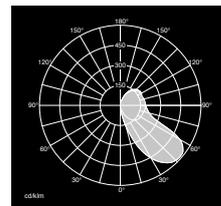


Symmetric light distribution

The opal CAELA combines Lambertian light distribution with creative and functional symmetry for general lighting. The luminaire is very homogenous, the opal diffuser extends to the edge of the timeless modest luminaire.

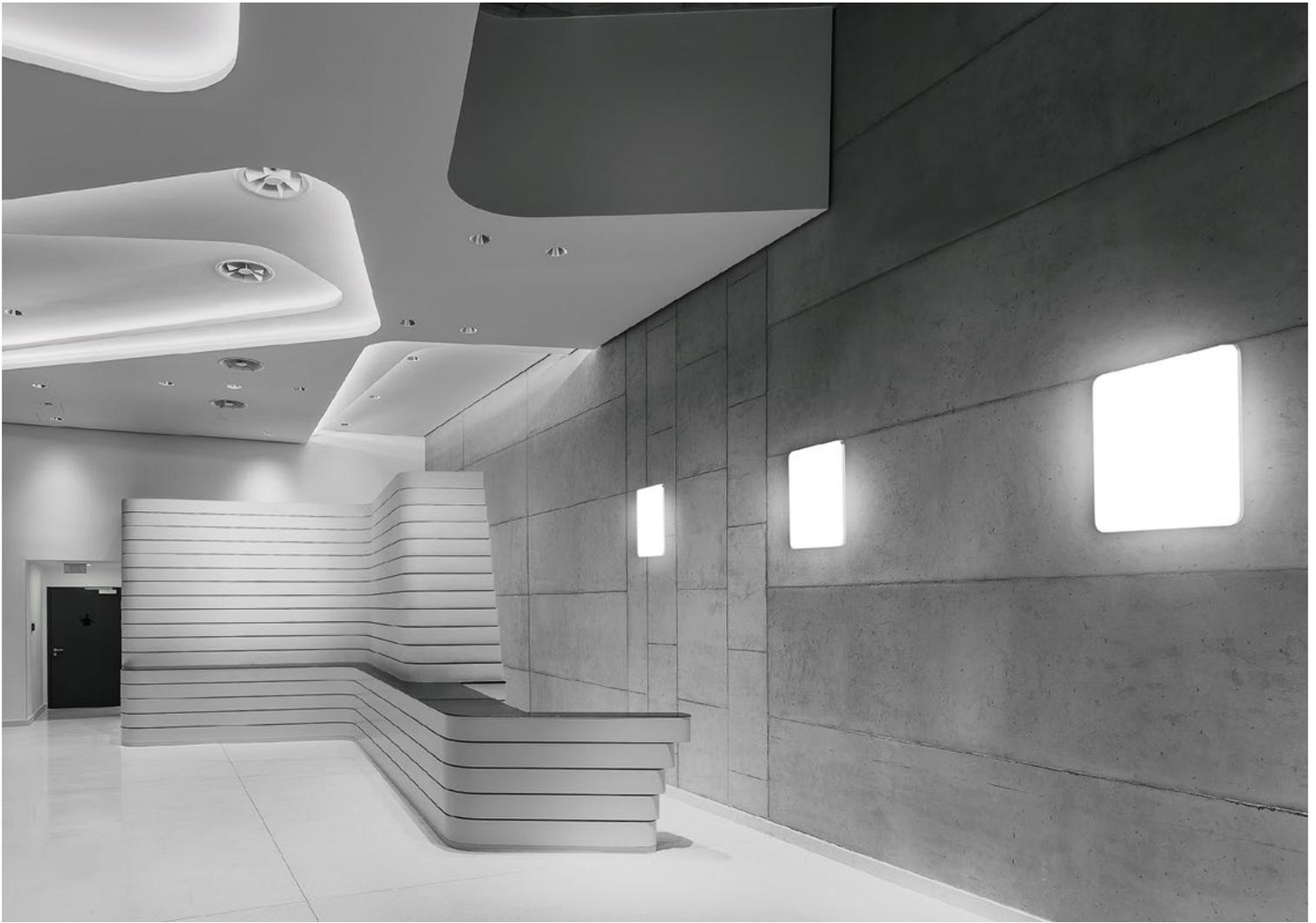
→↓ Asymmetric light distribution

Application: Path or corridor lighting



Asymmetric light distribution

The clear CAELA illuminates halls and stairwells in conformity with standards. Thanks to innovative technology, a small number of wall luminaires is sufficient to reach the required 100 to 150 lux on the ground – without additional ceiling luminaires.



CAELA

A luminaire for all instances



Ceiling mounting

Round or square, big or small: The installation height of all models is only 57 mm.



Wall mounting

Regardless of size, light distribution or shape: A fitted CAELA only extends a meagre 57 mm into the room.



Pendant installation

The pendant set offered as an accessory includes a diffuser, ceiling rose and a 2000 mm-long pendant tube that the customer can cut to length.



Ceiling rose



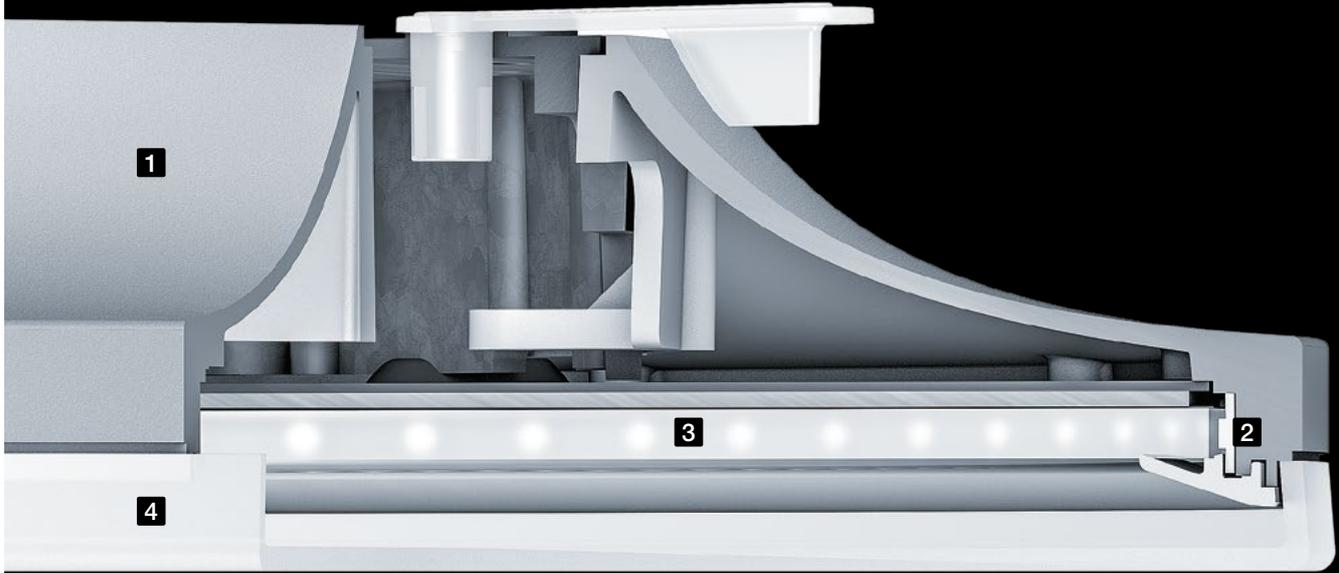


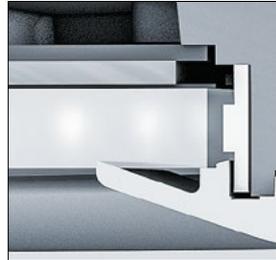
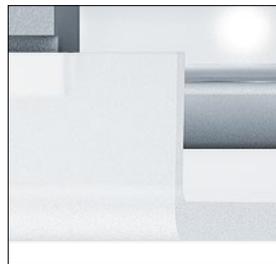
Modular lighting system

The common origin of the extraordinarily slender CAELA product group is a standard surface-mounted fitting, which, depending on the model, is developed into a round or square luminaire with a symmetric or asymmetric beam. This enables each luminaire to be mounted to the ceiling and wall without additional accessories. Furthermore, there is the possibility to change the luminaires at a later time, thus changing to a different size, beam or shape. The pendant set accessory transforms the surface-mounted luminaire into a pendant luminaire.



The surface-mounting fitting for round and square models opens up a larger degree of flexibility.



1**2****3****4**

1 Flat casing: Combines design with personalisation option

- Unobtrusive design for a light, floating appearance
- Only 57 mm construction height including converter
- Optimises the heat balance as a cooling element
- Two shapes in the respective two sizes and different colours
- Ready to be adapted into a pendant luminaire

2 Edge-Lit LED technology: Requirement for a low construction height and application-specific light distribution

- Innovative LED technology which couples the light around the luminaire with an optical string
- Reduces the luminaire's construction height
- Technical basis for innovative, asymmetric light distribution

3 Two kinds of light distribution via the optical string panel

- Intelligent micro-imprint process for a specially structured surface
- Causes the symmetric or asymmetric light distribution

4 Diffuser: The perfect finish to application-specific optimal light distribution

- High-quality PMMA diffuser
- Opal with symmetric light distribution
- Clear with asymmetric light distribution
- For a high-level of uniform illumination without visible LED points
- For reliable protection against external influences

CAELA

Shapes and design



CAELA Q430 | 3 x 21 W
Opal diffuser
Casing: Matt silver



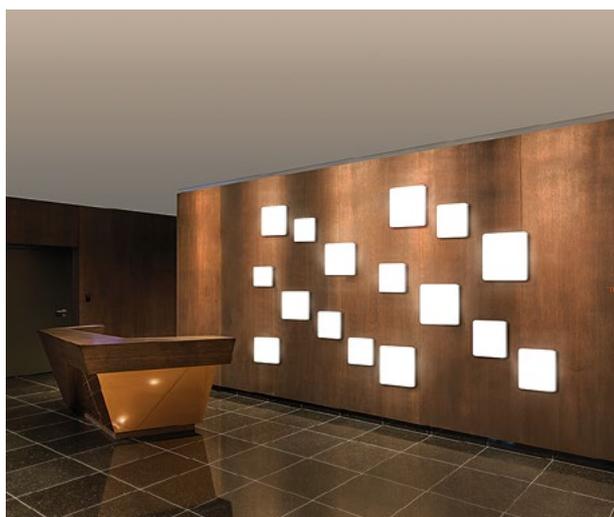


Variable pendant suspension

The standard 2000 mm pendant tube can be cut to any length at the construction area, which makes a composition of different installation heights very easy. Since the luminaires can also turn 355° and tilt 45°, several luminaires form a curve, a wave or architectural structure as desired.

Two by two: Size and shape

The CAELA family concept shows the possibility to combine different models at your discretion and thus shape individual sculptures with big and small, round and square luminaires.



CAELA

Colour and function



Personalisation through colour

CAELA colours are adaptable to customer wishes. Housing and pendant set with diffuser, pendant rod and ceiling rose colours are changeable upon request. Therefore, every kind of desired colour combination is possible for the individual components. The standard colour for all components is white, matt silver is also offered as standard for the housing. There are four additional colours available online: Grey, black, brass and copper are available for selection in the myCAELA product configuration tool. Further colour variants are readily manufactured as special designs.

Colour personalisation is offered for both clear and opal CAELA models. The cover ring opens up an additional option which is only visible with the clear luminaire. Matt silver, grey, black, brass and copper also offer five alternatives to the standard white design.

Colour range



White



Matt silver



Grey¹



Black¹



Brass¹



Copper¹



White



Matt silver



Grey¹



Black¹



Brass¹



Copper¹



Duifhuizen tassen & koffers B.V., Veenendaal | NL
Architecture: Pinkeye, Antwerp | BE
Products: LED pendant luminaire CAELA, LED spotlight IYON

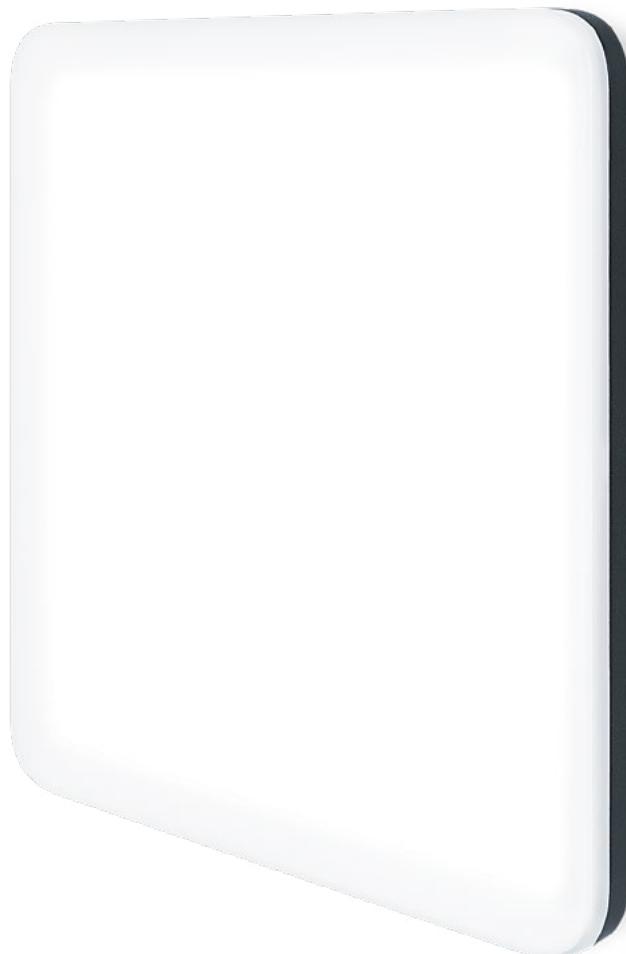


CAELA

Colour and function

Variety with light emissions

CAELA luminaires speak a uniform design language. Whether clear or opal – high-quality materiality characterises the unique flat luminaire. Distinct differences make the light: The opal luminaire distributes the light evenly and symmetrically around the room. The clear luminaire provides optimal illumination for corridors and stairwells with its asymmetric light distribution.





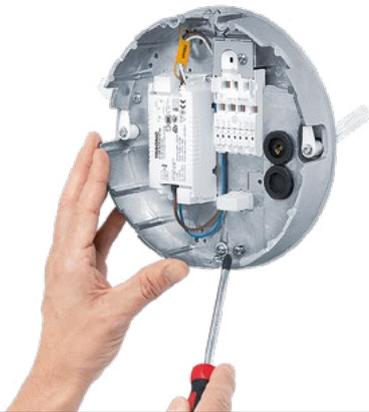
→
CAELA Q330
Asymmetric light emittance

←
CAELA Q330
Symmetric light emittance

CAELA

Easily installed

1



2



As early as during the construction phase: Base plate installation (standardised for all CAELA models)

Luminaire connected to electricity

3



4



Upon completion of construction: Click on the luminaire fixture

Close locking mechanism (pay attention to the indicator)

Few components, little effort and perfect timing

The high-quality CAELA luminaire is completed by a design optimised for one-man installation. Just a few steps required to securely fix the luminaire: From the beginning and therefore quite easily, a uniform base plate is screwed onto all luminaire models – as early as during the construction phase. Upon completion of construction, the complete luminaire fixture is quickly and completely fixed without any tools via a spring mechanism. Two additional safety catches protect against vandalism.

CAELA
System overview



CAELA round

CAELA square

Sizes _____



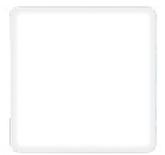
CAELA R330



CAELA R430



CAELA Q330



CAELA Q430

Diffusers and light emitters _____



Opal

Light emission:
symmetric



Opal

Light emission:
symmetric



Clear

Light emission:
asymmetric

Colours _____



White¹



Matt silver²



Grey³



Black³



Brass³



Copper³



CAELA round

CAELA square

Performance level and colour temperatures

17 W | 1100 lm
23 W | 1500 lm

3000 K
4000 K

13 W | 1200 lm
18 W | 2100 lm
21 W | 1000 lm
26 W | 1600 lm

3000 K
4000 K

Installation options



Wall installation



Ceiling installation



Pendant installation

Control

Switchable
DALI

Accessories

Pendant set⁴

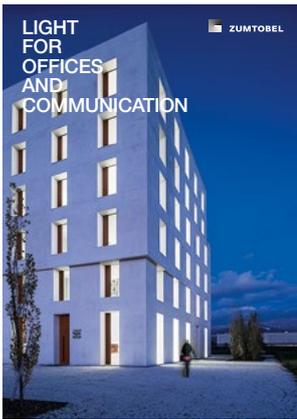
¹ Standard colour

² Alternative standard colour for the housing

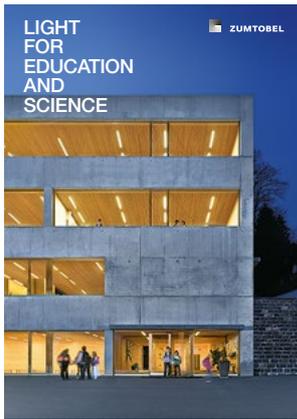
³ Additional colours for personalising all components in myCAELA product configuration tool

⁴ Standard colour scheme: Diffuser such as housing, pendantrod and ceiling rose in white

Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.



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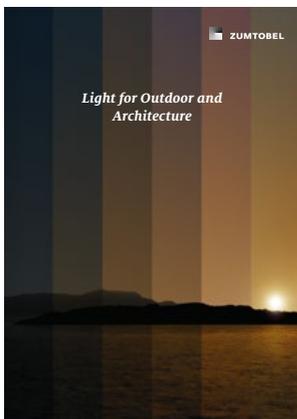
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- **Presentation and Retail**
- **Hotel and Wellness**
- **Art and Culture**
- **Health and Care**
- **Industry and Engineering**
- **Outdoor and Architecture**
- **Living**

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. We combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

Lighting and sustainability

In line with our corporate philosophy "We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment", Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability

5
YEAR GUARANTEE

Top quality – with a five-year guarantee.
As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

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Technical data was correct at time of going to press.
We reserve the right to make technical changes without notice. Please contact your local sales office for further information.



Tracks and spots



Modular lighting systems



Downlights



Recessed luminaires



Surface-mounted and pendant luminaires



Free-standing and wall-mounted luminaires



Continuous-row systems and individual batten luminaires



High-bay luminaires



Luminaires with extra protection



Façade, media and outdoor luminaires



Lighting management systems



Emergency lighting

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