



CL 31  
bollard



CL 31 wall and  
ceiling luminaires

Types,  
data sheets,  
configurations –  
all at a glance.



siteco

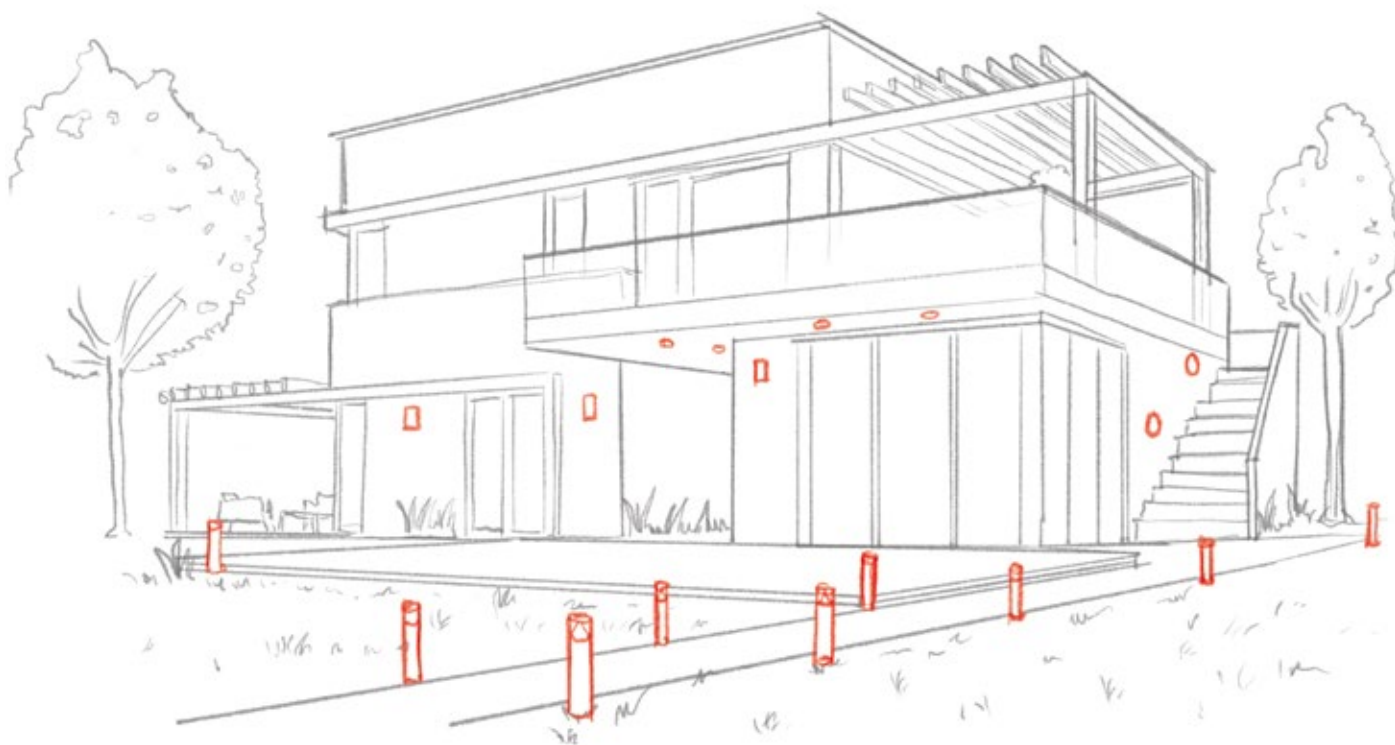
**CL 31**

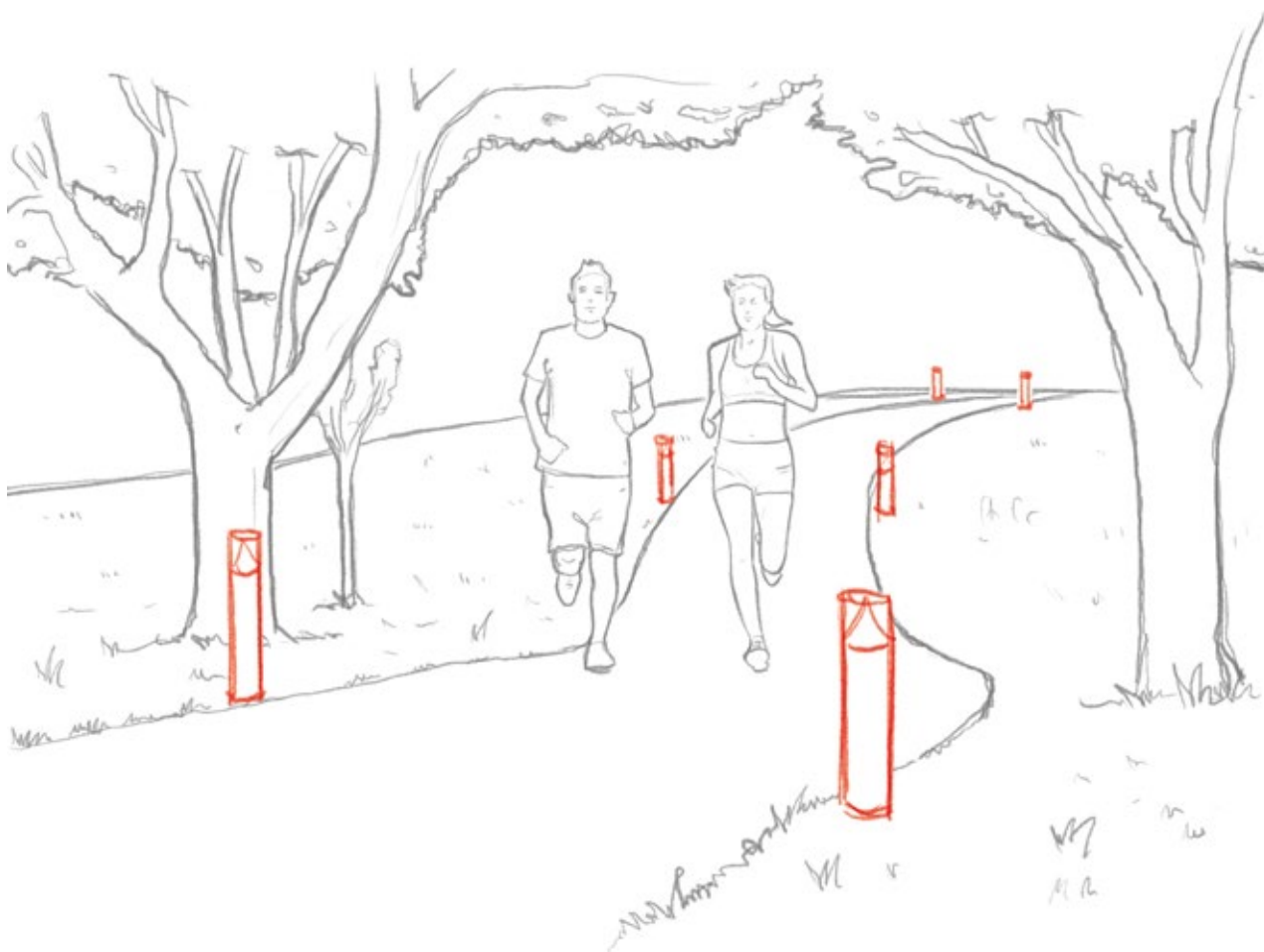
**Building vicinity light for  
atmosphere and accents.**

# More atmosphere. More style. More safety.

Light is needed for architecture to be an eye-catcher at night. Light is needed to ensure that paths are pleasant to walk along even in the dark. Light is needed so that no one stumbles on stairs and steps.

The area of application of CL luminaires from SITECO is outside, in front of the door. Where indoors and outdoor spaces merge and where light creates a flowing, harmonious transition.





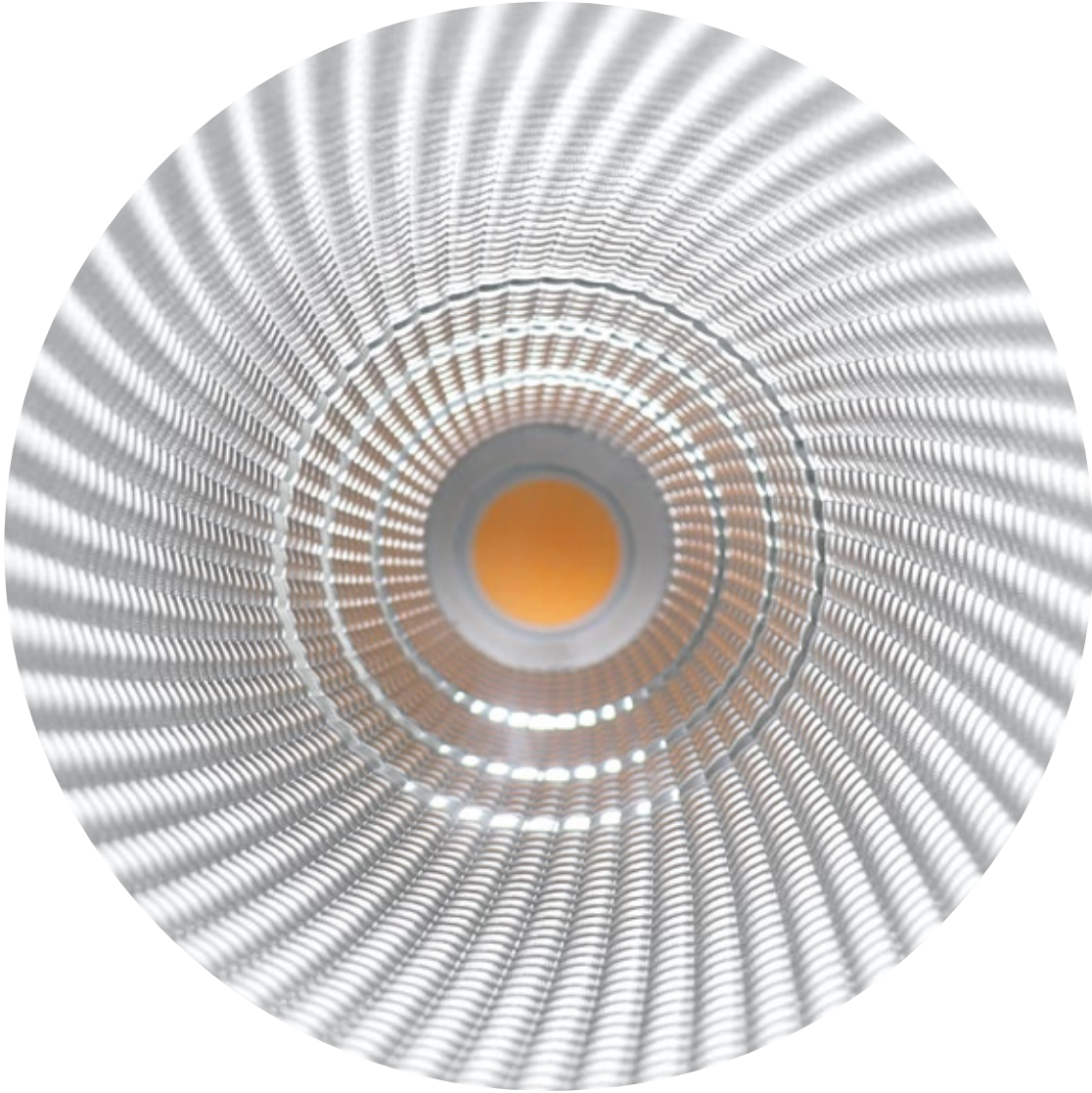
CL is the luminaire range for facades and entrance areas, gardens and green spaces, paths and steps. For everyday life, accents and atmosphere. The luminaires are available as wall and ceiling luminaires. And also as bollards for paths and open areas.

The look? Simple, timeless and qualitative. The technology? The latest generation, for convenient handling and individual configurations. Sustainability? A top priority, from packaging to operation.

**CL 31 – building vicinity light  
from today for tomorrow.**



**The CL look.**  
A very stylish  
appearance.



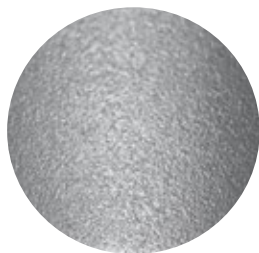
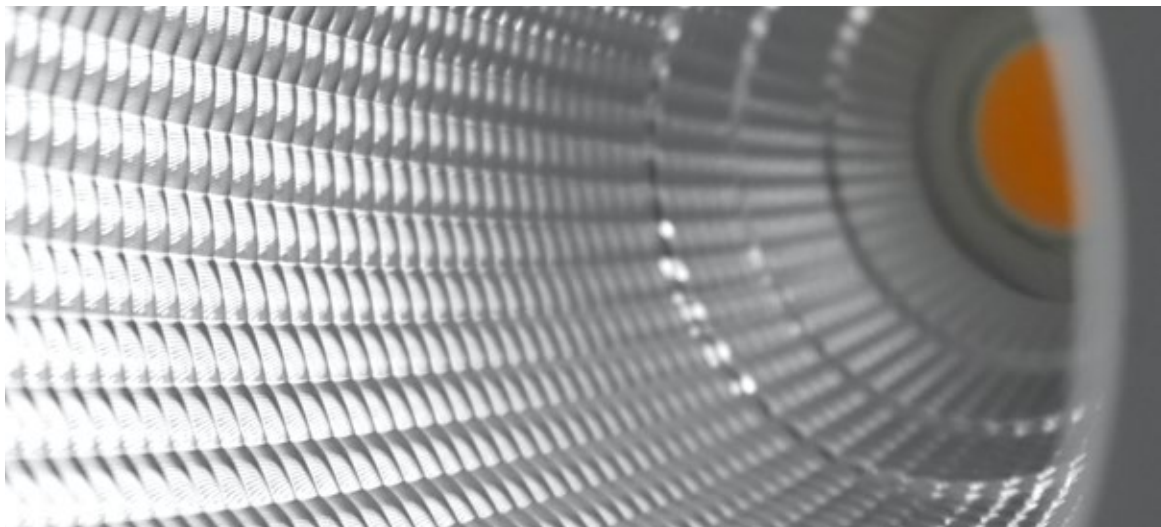
#### **Perfect game**

Where there is light, there is also shadow. CL 31 takes advantage of this interplay of light and shadow to deliberately set the scene for architecture.

## Precise effects

If you want to stage light,  
you have to be a pro.

Profound lighting  
technology in all its facets  
– that's our passion.



## Classy quality

Thanks to powder-coated  
aluminum, the CL range not  
only looks high-quality  
and durable. So is she.



## Clear structure

Design joints add structure  
and lightness to the  
luminaire body.  
Modularity to see and feel.



## Simply timeless

Clear edges, flush surfaces.  
The design language is reduced  
and yet has everything that good  
design needs to stand out.

## Smart details.

- Controlling luminous flux: less light pollution by presetting luminous fluxes in a way that makes planning sense. For planning results, please refer to our planning aids on page 8/9.
- Flexibility in in planning and operation: retroactive adjustment of luminous fluxes in the DALI system possible with OSRAM DALI.
- Sensors think along: for example, high quality motion detectors with PIR sensor technology in the bollards makes luminaires groupable and energy-saving.
- Easy mounting system: adjustment options and reasonable space requirements.
- Easy installation system: plug-in terminals and through-wiring.
- Long service life: the bollard luminaires of the CL range are designed for at least 100,000 hours of operation and the other luminaires for 60,000 hours – this corresponds to more than 20 years with an average burning time of 8 hours per night.



## Thinking green.

- Save energy, reduce costs and protect the climate: luminaires of the CL 31 range have a luminous efficacy of  $> 100 \text{ lm/W}$ .
- Recycling as standard: single-type separation.
- Warm light color: all CL luminaires are particularly insect-friendly thanks to 3,000 K.
- No unnecessary light pollution: light only where it is needed, e.g. asymmetrically directed light with bollard luminaires.
- Sustainably packed: no plastic packaging.



## Service that simply works.

- Five years warranty.
- Easy to access mounting instructions thanks to QR code on the products.

# CL 31

## Planning aids

**1 CL Bollard 40cm**

**Application:** path lighting

**Lighting task:** standard-compliant  $E_{min} \geq 1\text{ lx}$

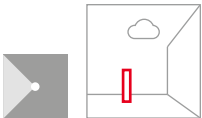


Path width (m)	Luminaire spacing (m)
1.0	6.0
1.5	6.0
2.0	5.5

**2 CL Bollard 60cm**

**Application:** path lighting

**Lighting task:** standard-compliant  $E_{min} \geq 1\text{ lx}$

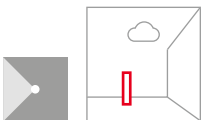


Path width (m)	Luminaire spacing (m)
2.5	8.0
3.0	7.5
3.5	7.0
4.0	6.0

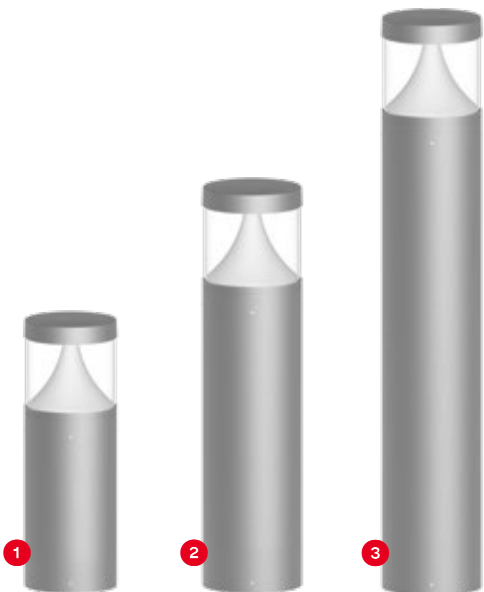
**3 CL Bollard 90cm**

**Application:** path lighting

**Lighting task:** standard-compliant  $E_{min} \geq 1\text{ lx}$



Path width (m)	Luminaire spacing (m)
1.0	10.0
1.5	10.0
2.0	10.0
2.5	10.0
3.0	9.5
3.5	9.0
4.0	8.5





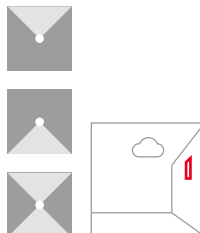
#### 4 CL Wall round/square

**Application:** effect lighting

**Lighting task:** decorative

**Planning recommendation:**

Use variant with 2-sided distribution only in conjunction with a canopy; this avoids light pollution and protects nocturnally active animals



Luminaire spacing (m)	Mounting height (m)	Example
3.0	3.0	small building/ low facade height (entrance to apartment building)
5.0	4.0	mid-sized building/ mid-sized facade height (public building)
7.0	5.0	large building/ large facade height (industrial building)

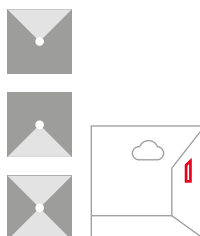
#### 5 CL Wall round/square

**Application:** path lighting

**Lighting task:** standard-compliant  $E_{min} \geq 1 \text{ lx}$

**Planning recommendation:**

Use variant with 2-sided distribution only in conjunction with a canopy; this avoids light pollution and protects nocturnally active animals

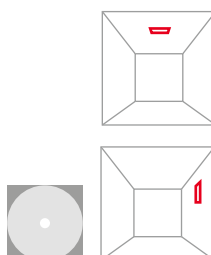


Luminaire spacing (m)	Mounting height (m)	Path width (m)
6.0	4.0	1.5
6.0	4.0	2.0
5.5	4.5	2.5

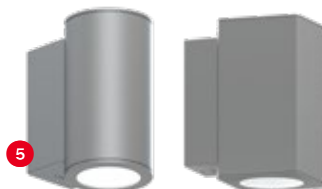
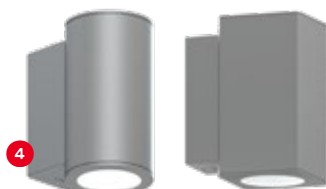
#### 6 CL Wall flat round/square

**Application:** facade illumination/accentuation

**Lighting task:** decorative



Luminaire spacing (m)	Mounting height (m)	Example
2.5 – 5.0	1.5	small building/ low facade height (entrance to apartment building)
2.5 – 5.0	2.0	mid-sized building/ mid-sized facade height (public building)
2.5 – 5.0	2.5	large building/ large facade height (industrial building)



# CL 31

## Specifications

### CL 31

#### All luminaires








Reliable operation due  
to optimum protection  
IP65



Efficiency  
> 100 lm/W

### CL 31

#### Variants

	Mounting location	Design	Size	Dimensions mm	Weight kg	Optic	
	Wall	round	S	L 143 × W 100 × H 186	1.7	medium/36°	
	Wall	square	S	L 143 × W 100 × H 186	1.8	medium/36°	
	Wall/ceiling	round	M	Ø 264, H 63	2.4	open distribution	
	Wall/ceiling	square	M	L 266 × W 266 × H 63	2.6	open distribution	
	Ground	round	S	Ø 170, H 400	3.6	asymm. extremely wide	
					3.7		
			M	Ø 170, H 600	4.7		
					4.9		
			L	Ø 170, H 900	6.2		
					6.3		

### CL 31

#### Accessories

	Mounting location			Order number	
Planted section for bollard	Ground	round	S/M	5AA40007X	
Planted section for bollard	Ground	round	L	5AA40006X	

CRI  
**> 80**

Color temperature  
**3,000 K**

Control  
**Osram ECG  
DALI NFC inside**

Packaging  
**plastic free  
packaging**

Net luminous flux lm	Rated service life 25°C	IK	Sensor	Order number
300	65,000 h (L80/B50)	09	–	5CL513613
2 × 300				5CL513623
300	65,000 h (L80/B50)	09	–	5CL553613
2 × 300				5CL563623
1,575	60,000 h (L80/B50)	09	–	5CL721603
1,575				5CL761603
800	100,000 h (L80/B50)	10	–	5CL424603
			yes (PIR)	5CL424803
			–	5CL434603
1,500			yes (PIR)	5CL434803
			–	5CL444603
1,500			yes (PIR)	5CL444803

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