



CL 31
bollard



CL 31 wall and
ceiling luminaires

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



siteco

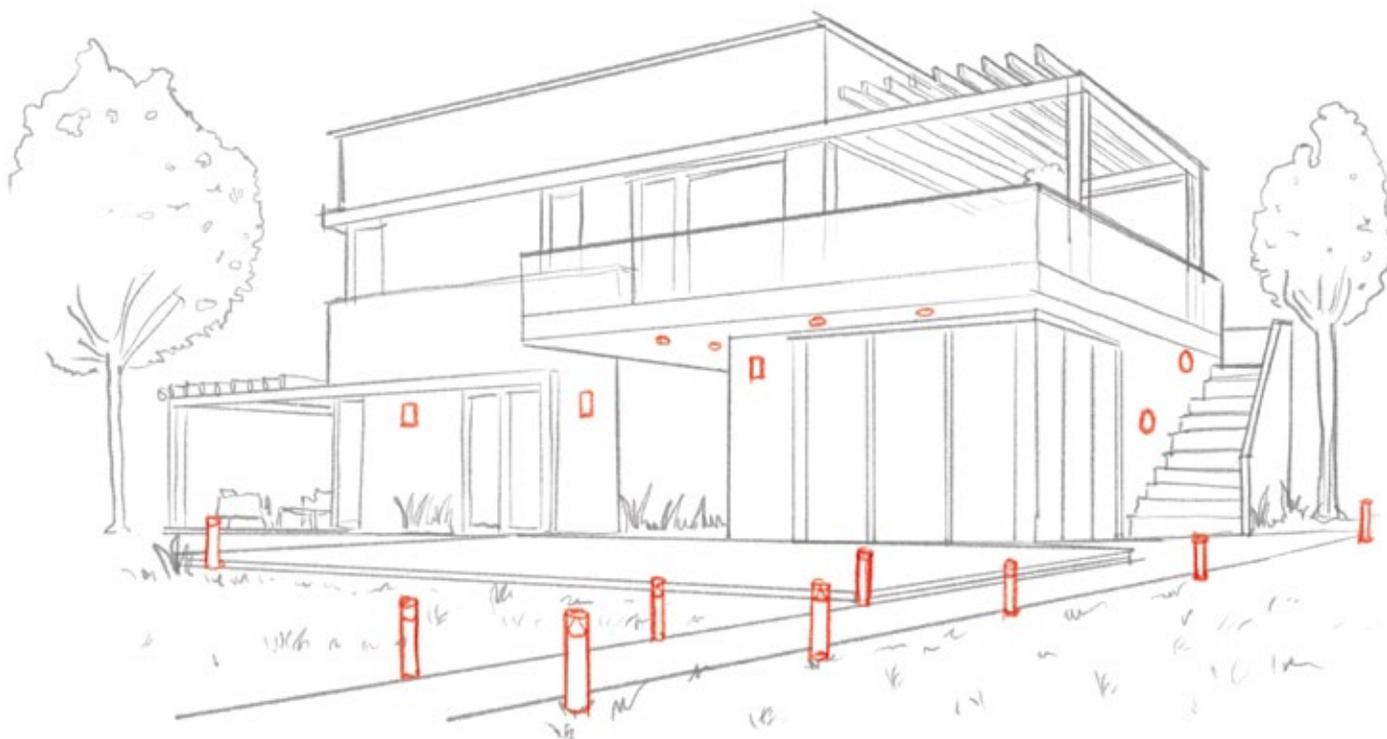
CL 31

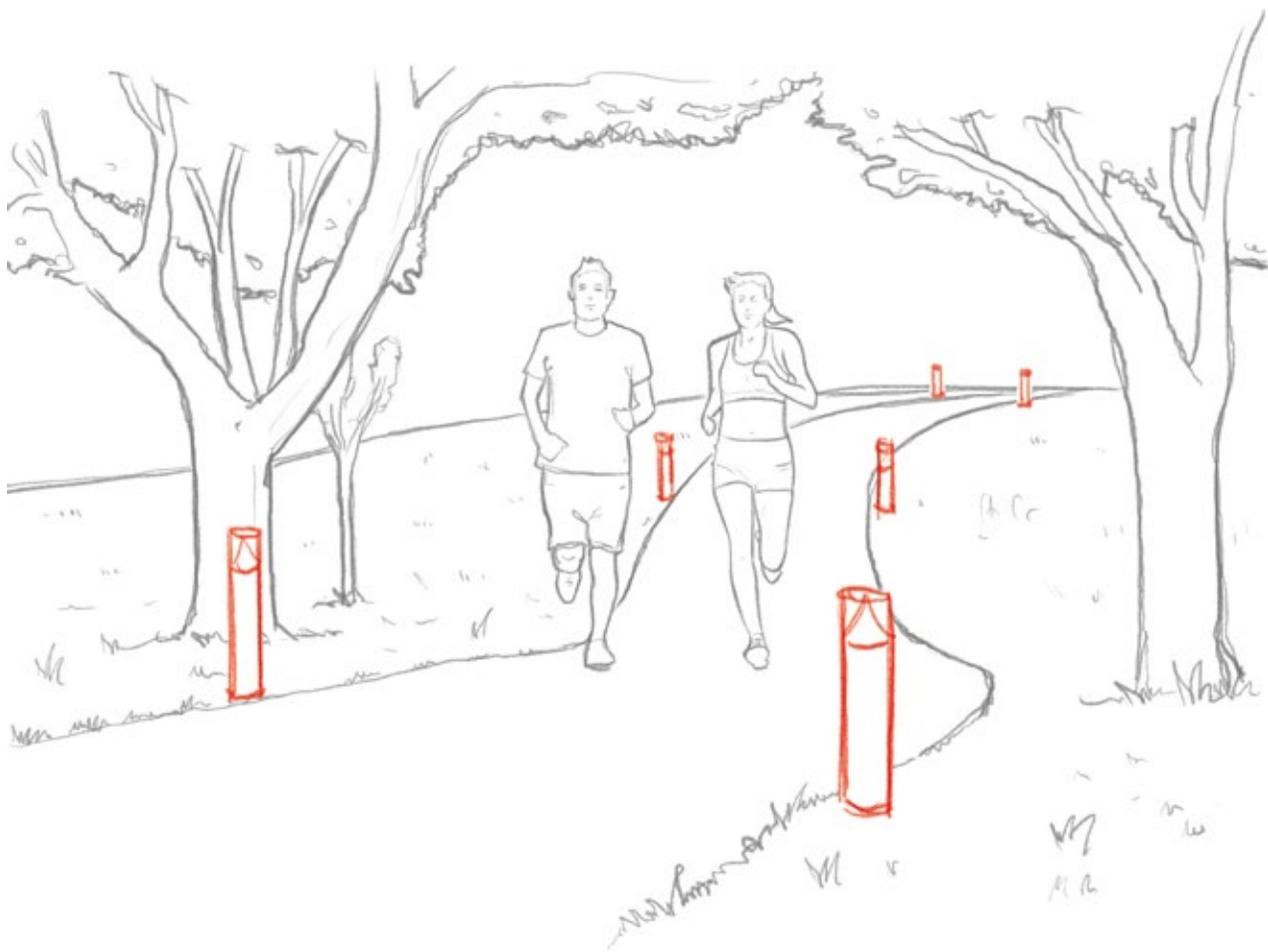
Building vicinity light for
atmosphere and accents.

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.



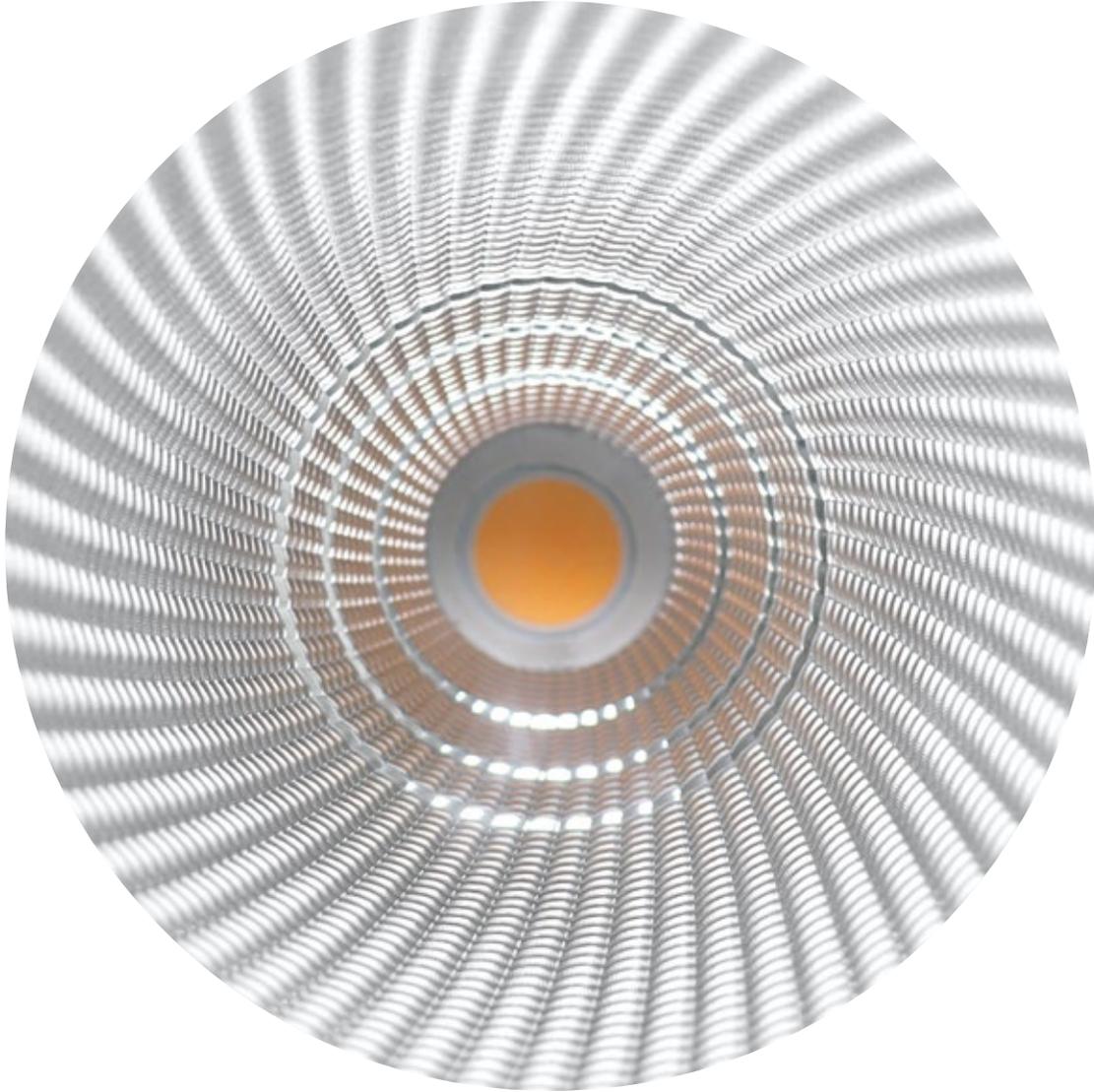


CL is the luminaire range for facades and entrance areas, gardens and green spaces, paths and steps. For everyday life, accents and atmosphere. The luminaires are available as wall and ceiling luminaires. And also as bollards for paths and open areas.

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.

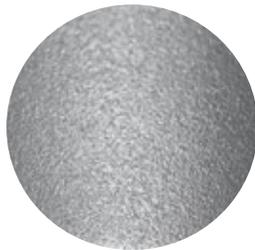
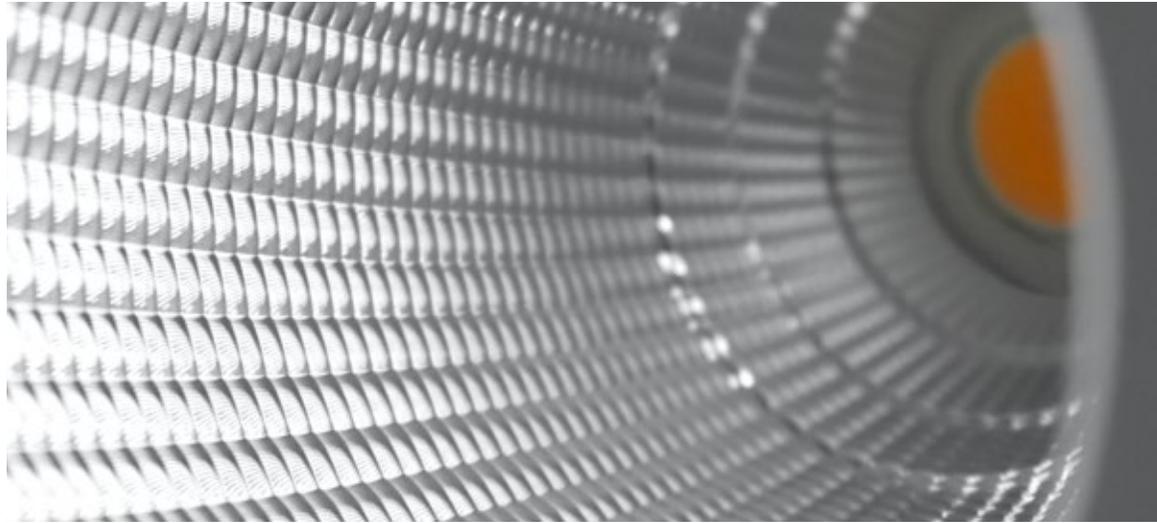


Perfect game

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

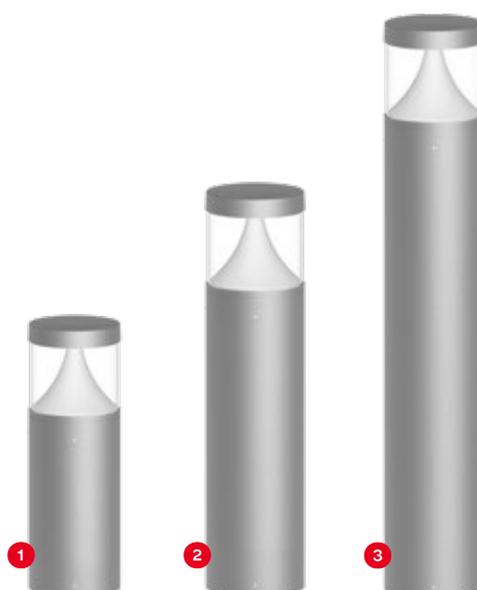
3 CL Bollard 90cm

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



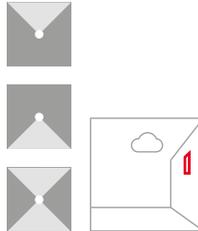
4 **CL Wall round/square**

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)

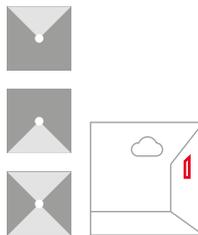
5 **CL Wall round/square**

Application: path lighting

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

Planning recommendation:

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

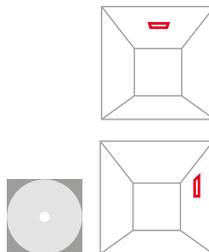


Luminaire spacing (m)	Mounting height (m)	Path width (m)
6.0	4.0	1.5
6.0	4.0	2.0
5.5	4.5	2.5

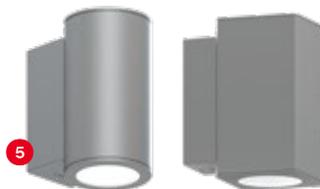
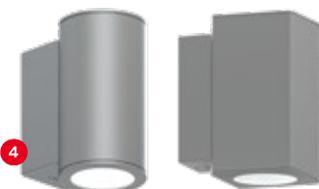
6 **CL Wall flat round/square**

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
			M	Ø 170, H 600	3.7	
			M	Ø 170, H 600	4.7	
			L	Ø 170, H 900	4.9	
					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	
yes (PIR)			5CL434803	
1,500			-	5CL444603
1,500			yes (PIR)	5CL444803

Sales.

Australia

SITECO UK Ltd

Hexagon Tower,
Crumpsall Vale, Blackley
Manchester, M9 8GQ
Phone +44 3300 555 209
contact-uk@siteco.com

Czech Republic

Siteco GmbH

contact-cz@siteco.com

Hungary

Siteco GmbH

contact-hu@siteco.com

New Zealand

SITECO UK Ltd

Hexagon Tower,
Crumpsall Vale, Blackley
Manchester, M9 8GQ
Phone +44 3300 555 209
contact-uk@siteco.com

Romania

SITECO Romania

Andreea Luppa
Phone: +40 735 316 760
a.luppa@siteco.eu

Spain

SITECO Lighting Spain, S.L.

Av. Leonardo da Vinci 15
28906 Madrid
Phone +34 9100 29095
contact-ES@siteco.com

Benelux

SITECO Benelux

Marten Meesweg 8-10
NL-3068 AV Rotterdam
Phone +31 85 4000 454
contact-nl@siteco.com

Finland

SITECO GmbH, Finnish Branch

Business Park Kehämylly
Vantaankoskentie 14
01670 VANTAA
contact-fi@siteco.com

Italy

SITECO Italy S.r.l.

Via Libero Temolo, 4
20126 Milan
Phone +39 320 0692561
contact-it@siteco.com

Norway

SITECO Norway AS

Engebrets vei 5
0275 Oslo
Phone +47 45 37 71 00
kundesenter@siteco.com

Serbia

SITECO Serbia

Ivan Lazarevic
Dositejeva 1a
11 000 Belgrad
Phone: +381 69 5444 802
i.lazarevic@siteco.com

Sweden

SITECO Sweden AB

Källbäckstrydsgatan 3
507 42 Borås
Phone +46 8128 70 422
contact-se@siteco.com

Bulgaria

SITECO Bulgaria

Andreea Luppa
Phone +40 735 316 760
a.luppa@siteco.eu

France

SITECO France Chez REGUS

7 rue Meyerbeen
75009 Paris
Phone +33 6 24 57 58 61
contact-fr@siteco.com

Moldova

SITECO Moldova

Andreea Luppa
Phone +40 735 316 760
a.luppa@siteco.eu

Poland

SITECO Poland Sp.z o.o.

Al. Jerozolimskie 94
00-807 Warszawa
Phone +48 22 462 49 30
contact-pl@siteco.pl

Slovakia

SITECO GmbH

Michael Bugar
Phone +421 904 266 999
contact-svk@siteco.com

United Kingdom

SITECO UK Ltd

Hexagon Tower,
Crumpsall Vale, Blackley
Manchester, M9 8GQ
Phone +44 3300 555 209
contact-uk@siteco.com

Croatia

SITECO Croatia

contact-hr@siteco.com

GCC Countries

SITECO UK Ltd

Hexagon Tower,
Crumpsall Vale, Blackley
Manchester, M9 8GQ
Phone +44 3300 555 209
contact-uk@siteco.com

Montenegro

SITECO Montenegro

Miomir Milacic
Phone +382 67 674 876
m.milacic-ext@siteco.com

Portugal

SITECO Portugal

Cesar Campos
Phone +351 91 171 44 85
contact-pt@siteco.com

Slovenia

SITECO GmbH

Georg-Simon-Ohm-Straße 50
83301 Traunreut, Nemčija
Phone +386 51 373615
contact-si@siteco.si

Other Countries

SITECO GmbH

Georg-Simon-Ohm-Straße 50
83301 Traunreut, Germany
contact-export@siteco.com

Contact.

Siteco GmbH

Georg-Simon-Ohm-Str. 50
83301 Traunreut, Germany
Phone +49 8669 330
info@siteco.com

siteco.com