

Models,
data sheets,
configuration
at a glance:

SiCompact®



siteco

SiCompact® 31

Ready for more efficiency.

SiCompact®. Only the real top performers earn this name.

Just like the previous generation:

Wherever you see SiCompact® on the outside, you know top performance is on the inside. These floodlights have been perfectly adapted for the outdoors to withstand all kinds of adverse weather conditions. Four sizes and six power classes give you versatility like you've never had before.

SiCompact®: Highly efficient performance packed into an award-winning design.

Ready to deliver the performance you need.



- **Simple, fast installation**

with mounting bracket and preassembled connection cable

- **No light emissions**

ULOR 0% at 0° inclination

- **Greater environmental protection** thanks to new, insect-friendly 3,000-kelvin light colour

- **Flexible use** thanks to three sizes

and lumen packages from 4,400 to 37,000lm (with new mini and midi power classes)

- **NEW: Highly economical and cost effective**

thanks to an increase in efficiency of up to 44% (compared with previous generation: 4,000K)

- **Precise, homogeneous surface illumination**

for optimum visibility and exceptional safety

- **NEW: Improved surge protection**

(up to 10kV) and extended **temperature range** (-40°C to +45°C)

A single SiCompact® floodlight illuminates an area of 1,000m² with outstanding uniformity. Comparative solutions produce a combination of spotlighting and dark areas.

SiCompact®
40m × 25m = 1,000m²
Eavg = 8.7lx, U0 = 0.28

up to
4×

greater area illumination than other floodlights. This means: Fewer luminaires for the same area illumination.

0.25

The normative value for uniformity is 0.25 (DIN EN 12464-2). SiCompact® effortlessly meets this standard – with significantly fewer floodlights.

0%

SiCompact® avoids any light emission (at 0° inclination). In addition, the new 3,000 kelvin light colour helps protect the environment and species.

100%

Full illumination: With our asymmetrical lighting technology, we put light right where it's needed – throughout the entire area.

up to
44%

more efficient at 4,000K compared to the previous generation.

Standard product 1
40m × 25m = 1,000m²
Eavg = 6lx, U0 = 0.04

Standard product 2
40m × 25m = 1,000m²
Eavg = 7.6lx, U0 = 0.02

How we make area lighting work.

The magic word here is PL32, the asymmetrical deep-beam light distribution that SiCompact® floodlights use to send light into every last corner. It's always in compliance with standards – and uses fewer floodlights to achieve greater uniformity than comparative solutions.

Made for the outdoors. A design for all time.

- Integrated design has no distracting screws
- All components incorporated within one enclosed form
- Integrative, linear cooling system
- Bracket as final unit aligns with the housing
- Continuous edging as a design feature of the SiCompact® family



Tough, but not bulky.
Lighting technology that's both robust and elegant.
An industrial design that's always timeless. These ideas served as the starting point for the SiCompact® family design, a design that has gone on to win awards.



SiCompact® maxi.

The new top performer.

At lofty heights above 10 meters, the SiCompact® maxi shows how it's done:
The largest member of the family evenly and efficiently illuminates large areas.

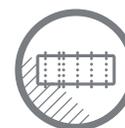


SiCompact® specifications

SiCompact® luminaires



Surge protection
10kV



Colour temperature
3,000K

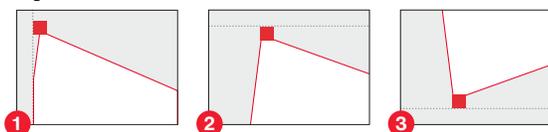
	Colour temperature K	Rated luminous flux lm	Luminous efficacy lm per W	Rated power W	Beam angle
micro	3,000	4,400	147	30	
	4,000		152	29	
mini	3,000	8,000	167	48	asymmetric narrow beam (PL32)
		15,000	150	100	
	4,000	20,000	154	130	
		8,000	170	47	
	4,000	15,000	158	95	
		20,000	154	130	
midi	3,000	27,000	158	171	
		37,000	148	250	
	4,000	27,000	164	165	
		37,000	152	243	
maxi	3,000	65,000	133	490	asymmetric narrow beam (PL32)
	4,000 (on request also in 5,000K)	70,000	143		

SiCOMPACT® accessories

plug connection, 3 x 2.5² 1 pc. 5NX30003

Luminaire including connection cable (l = 2,000mm) with free wire ends; crossbars for mounting floodlights on standard masts can be found in the electronic catalog on our website (www.siteco.com).

Light distribution





Ambient temperature from
-40°C to +45°C



Service life of
up to
100,000 hours

Control
ON/OFF
DALI

Rated service life h	Recommended mounting height m	Mounting location	Protection rating	Light distribution	Order number
					5XA7561A1K23
					5XA7561A2K23
					5XA7571B1K23
					5XA7571C1K23
					5XA7571F1K23
60,000 (L70/B50)	2.5 to 10	wall/ceiling floor/platform	I	1 2 3	5XA7571B2K23
					5XA7571C2K23
					5XA7571F2K23
					5XA7581D1K23
					5XA7581E1K23
					5XA7581D2K23
					5XA7581E2K23
100,000	from 10	wall/ceiling	I	1 2	5XA7592E1K23
					5XA7592E2K23

Saving energy is teamwork.

How much work may we take off your hands?

+ Light audit

Our experts will take a look at your existing set up and define the individual requirements for the new plant with you on site. + Reduction of operating costs and CO₂ + Investment and payback

+ Planning

Tailored exactly to your needs, we develop a lighting concept or a customized solution – so that you can benefit from outstanding and sustainable lighting and control technology. + Lighting design + Lighting and electrical concept + Customizing solution

+ Project management

Everything from a single source – you have exactly one point of contact: your project manager. They handle the formalities and coordinate all steps – so that everything happens just in time, and everyone is well-integrated. + Project coordination and control

+ Financing

With our individual financing solutions, you save money from day one. The term is flexible and depends entirely on your needs. In addition, we prepare the efficiency proof of at least 50% CO₂ savings for the funding application. + Government funding consultation + Financing

+ Service

You decide whether we handle the installation through our network of installation partners. If desired, we can also fully operate your system. + Installation and commissioning + Maintenance and servicing

+ Control centre

From digital management to maintenance and servicing to control and optimisation: the SITECO control centre monitors in real time. Thus, we have everything covered for you and coordinate all tasks. + Remote monitoring from the SITECO control centre + Troubleshooting + Monitoring energy savings + Operations management

Choose and combine these six service modules entirely according to your needs.

All tailored to your preferred level of service.

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