



SIMES

luce per l'architettura

Landscape
Painting with light



1. DOUBLE PAINTING PROCESS

Double painting as standard on the whole production. Guarantee of durability over time and high resistance against UV-rays and harsh weather conditions.



2. LED EXPERIENCE

12 years of LED experience and continuous investments in research, engineering of prototypes, new tooling and the latest technologies.

Competitive advantages



3. LARGE PORTFOLIO

Outdoor range of 10 different project applications and over 60 different product types in order to satisfy any specific need.

1. The **DOUBLE PAINTING PROCESS**, necessary for applications in aggressive outdoor environments, is carried out in three steps:

- **Chemical pre-paint surface treatments (Bonderite® NT-1)**
Aluminium process specifically studied for steel, zinc and aluminium surfaces, consists in the application of a ceramic nanoparticles layer on the aluminium component in order to create a cohesive, inorganic, high density coating.

- **Epoxy powder primer**
In combination with Bonderite, it ensures optimum bonding of the paint. It has extraordinary gripping characteristic with polyester powder paint, a superior mechanical resistance and it's corrosion proof.

- **Polyester powder colour coating**
The perfect grip of polyester powders to the epoxy primer creates a compact layer with a thickness up to 120 µm, ensuring high resistance against UV-rays and harsh weather conditions.

2. LED EXPERIENCE

SIMES is continuously investing in the engineering of prototypes, new tooling and the latest technologies for the development of more efficient optics and reflectors.

12 years of LED experience testify continuous efforts in research, development and attainment of absolute quality. In order to obtain the **highest efficiencies** from the LEDs in the lighting systems, Simes studies and develops the best optical systems for these LED circuits assuring lighting performances that can equal the figures of traditional sources with significant **energy savings**.

The new LED technologies available on the market provide improved temperature resistance and longer maintenance free periods (life of 50000 hours) than traditional sources.

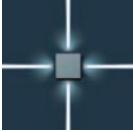
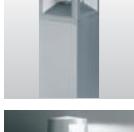
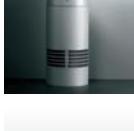
The color temperature of LEDs used for Simes fittings is constant and uniform ensuring a perfect chromatic balance. Both **wide beam and narrow beam optics** are available among Simes standard production in order to satisfy a large range of project requirements.

3. LARGE PORTFOLIO

Simes offers a wide outdoor range covering 10 different project applications and over 60 different product family types that can assure the best lighting technologies and efficiencies.

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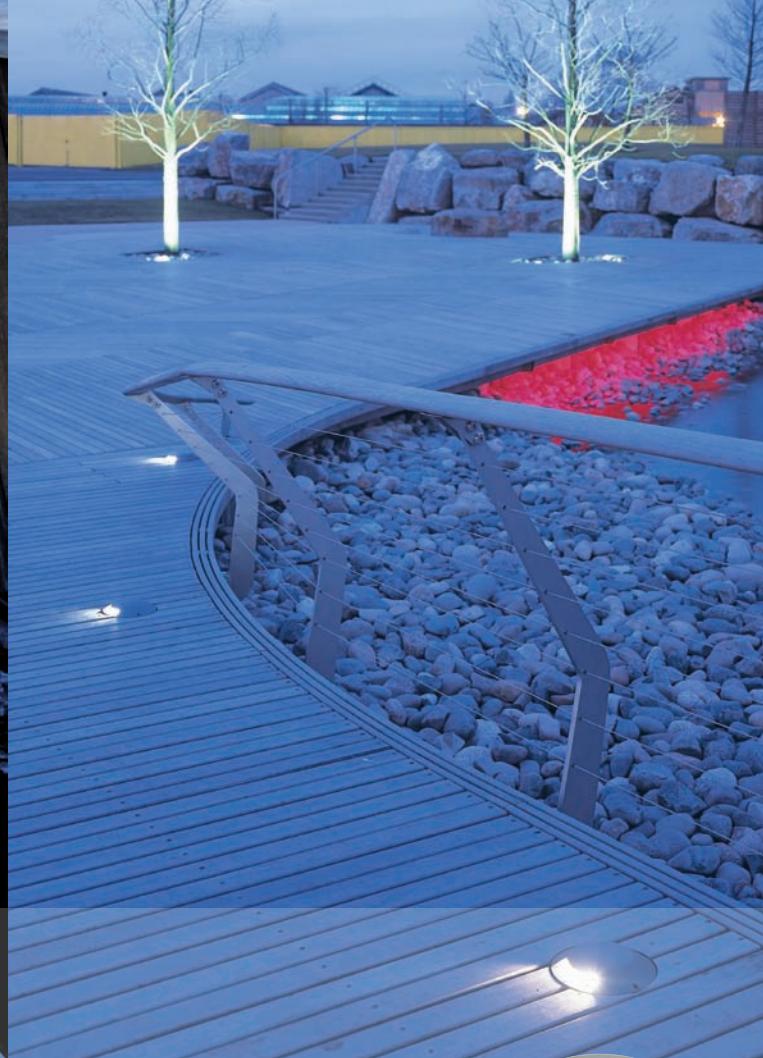
Submersion	Inground walk-over	Inground drive-over	Wall recessed	Wall effect	Wall mounted	Down-light and pendant	Spotlight and floodlight	Bollards	Post top luminaires
									
									
									
									
									
									
									
									
									
									



POOL



POOL is a submersion luminaire conceived specifically for the installation in swimming pools and freshwater. Available in three sizes, it can also be installed in traditional system replacing the existing PAR lamps. Available with halogen lamps and LED light sources, either monochromatic and RGBW, POOL allows to create suggestive multicoloured effects in the water.



SPARKS



The recessed drive-over SPARKS range combines very shallow recessing depth, high mechanical strength efficient optics with excellent light control. SPARKS are perfect to illuminate walking paths, squares and areas where there is limited access to slow moving vehicles.

SIMES has committed to quality in the illumination of the most striking landscapes.



ZIP

The in-ground walkover ZIP family offers a wide range of beams (from 3° to 90°) for a more precise light control. ZIP can be used for the illumination of trees to create effects that can be adapted to different types of vegetation.



TECHNO

The TECHNO range includes spot and flood projectors, available in different dimensions and versions.

TECHNO SPOT is suitable for the illumination of three-dimensional objects, trees, statues. All TECHNO luminaires can be supplied with accessories to give different lighting solutions: objects can be illuminated precisely by limiting the light dispersion through wide or ellipsoidal beam lenses.





MICROLED

MICROLED is suitable for decorative illumination. The discrete light emitted creates soft effects that can be used for orientation lighting.

The reduced dimensions (diam. 65 mm and 80 mm depth) allow for easy installation both indoors and outdoors, in the ground, recessed into walls and ceilings.



BLINKER

The BLINKER range is a new wall recessed luminaire - also available as a BOLLARD - with an attractive, minimalist design.

BLINKER emits a soft, uniform light distribution in a downward direction; the light source is concealed in order to avoid disturbing glare.

The fitting is perfectly flush with the wall or the bollard's main structure.

The lighting effects created by BLINKER are particularly suitable for walkways or staircases.





EOS

With its essential design, EOS is the wall recessed solution for projects that require an attractive design and maximum visual comfort. EOS is designed and engineered to have a downward light distribution. The concealed horizontal glass diffuser has optimum vandal resistance.

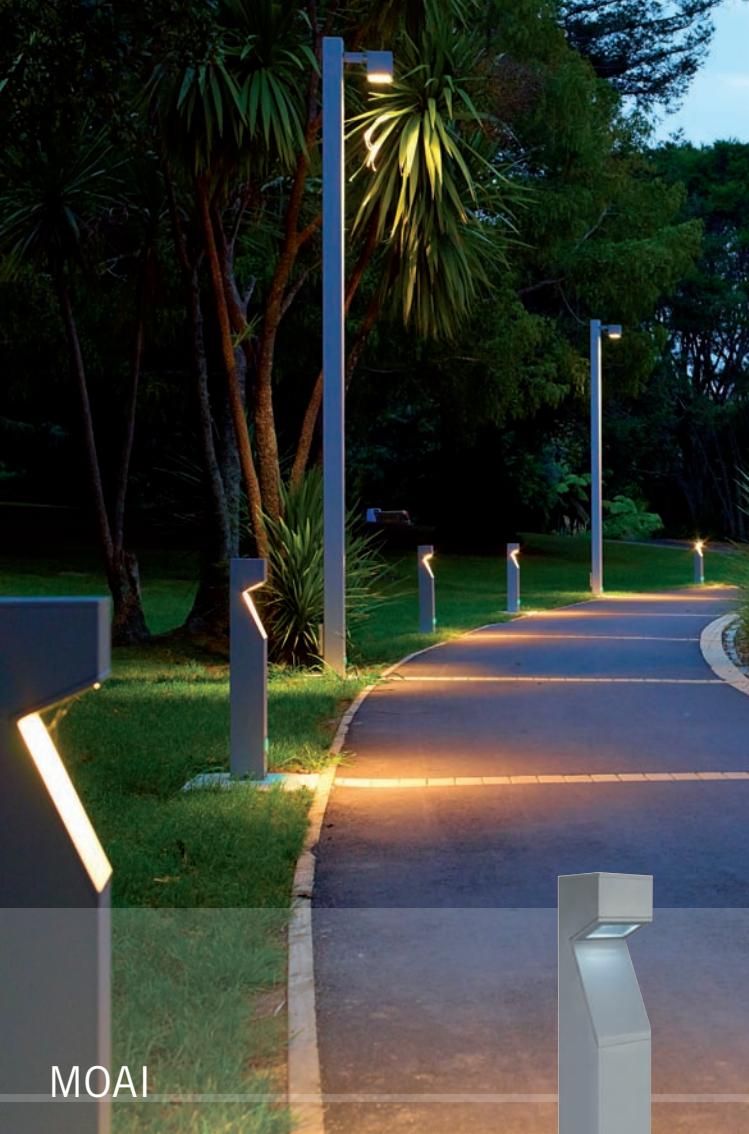


REEF

REEF is a wide range of bollards and short bollards presented in three dimensions, each one available in five different configurations. Its innovative design, solidity and excellent light control allow for flexible solutions and applications.

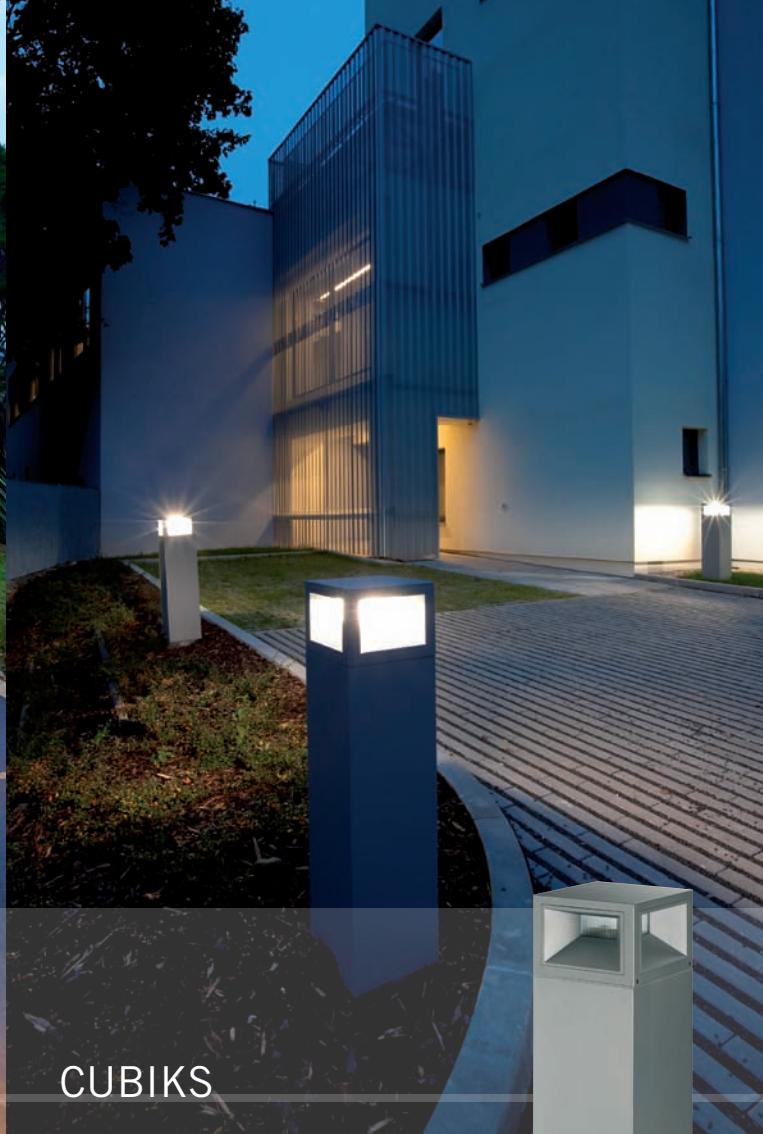
This fitting is suitable for the illumination of walkways as well as for wall applications for suggestive lighting effects.





MOAI

MOAI is a bollards with a minimalistic and clean-cut design, suitable for the illumination of areas in modern urban context. The light beam emitted by MOAI is totally glare-free and provides extremely uniform light distribution on the ground.

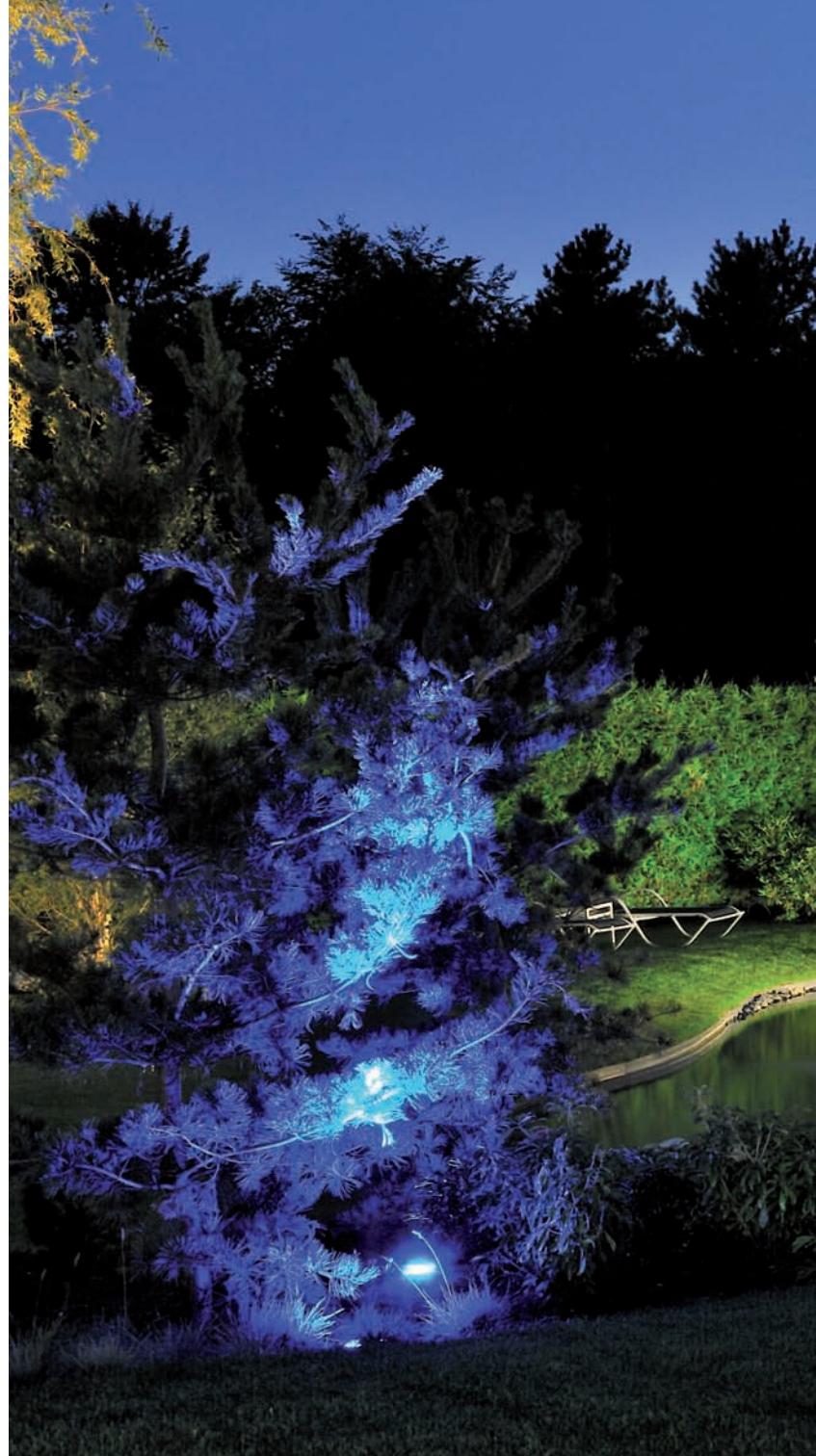


CUBIKS

The clean, essential design of this bollard makes its installation perfect in high profile architectural projects. With its seven different dimensions and three different versions - including a full-glass one - it allows for various applications according to different light distribution requirements.



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