

SIMES

Concrete



SIMES

Material expressions

A material that integrates and interacts with architecture, through simple and primitive, raw and natural shapes. This is the 'Simes' concept of concrete, austere but poetic, vivid but capable to transform itself and blend into the surrounding space. The Simes CONCRETE solutions are perfect to design any outdoor space that aims to be formally essential, for a basic yet striking design.



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Concrete wall

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Concrete bollard



Concrete complete range

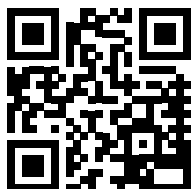


Concrete bollard



Concrete up-light

Concrete is the leading architectural material of the last century because it redefined the standards of architectural design through the work of the late “Maestros”. Rigorous and poetic, solid and raw, concrete is an essential element for the exterior. Its surface appears crude and natural showing all the patterns of the wooden cast and steel spatula. The contrast between the untouchable lighting effects and the pure strength of the solid concrete structures, designed in simple forms, create a strong emotional impact. Concrete is a living material that ages, transforms and evolves absorbing the surrounding colors, blending, integrating and interacting with the architecture in terms of form and function. The aluminium takes on the more structural part whilst the concrete a more protective aesthetical function leaving the emotional role to the lighting effect.



Concrete

04



Ghost horizontal

04



Ghost vertical

04



Ghost square

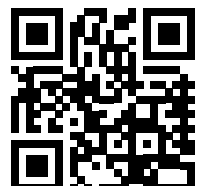
Ghost by SADLER® Lighting void

Marc Sadler was born in Austria with French origin and is now resident in Italy. One of the first graduates in “esthétique industrielle” at ENSAD Paris with a thesis on plastic materials, he pioneered the use of experimentation with different materials. The contamination between technologies become a distinctive aspect of his business. Citizen of the world (he lived and worked for many years in Europe, North America and Asia) and eclectic designer, he is now a consultant for furniture and lighting companies, as well as for large and small appliances, sports and other more technical fields. Four-time winner of the ADI Golden Compass (1994, 2001, 2008 and 2014), his career has been rewarded internationally for many times over the years.

Marc Sadler



Video interview





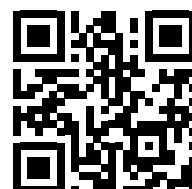
Ghost by SADLER®

The light blade comes from the concrete. When it's off, it disappears. No artifice, just a cut in the concrete with brutal and magic inspiration: actually a technical prodigy, directly casted into the concrete, the product of a sophisticated and invisible genius to fuse architecture and light in a natural way.

M. Sadler



Design M.Sadler





Concrete Lighting void

Ghost is a **lighting void** that is obtained from a polypropylene housing anchored to the retaining panels before pouring the concrete.

Ghost is composed of two elements: the **housing** and the **lighting element**.

The **housing** is in polypropylene and it consists of two complementary parts:

- A jig (**1A**), which forms the housing, and is extracted together with the retaining panel after completing the casting and removing the anchor screws (**2**);
- The housing (**1B**) that remains embedded inside the casting and houses the lighting element.

(The housing is supplied with bolts, locking system and stickers to be applied on the outside of the retaining panels so to secure a perfect alignment for multiple installations of each housing when pouring the concrete).

The **lighting element** (**3**) in die cast aluminum is anchored to the casing (**1B**) through proper screws and it remains completely hidden into the void.

The lighting element is hard wired with 3m cable (VERTICAL version), suitable for single cable gland and fast connector (RECTANGULAR and SQUARE versions).
Led circuit 230V.

Colours:

Cast cement

Suitable for armed concrete

Protection class

IP65

Isolation class

CLASS I ⊕

Mechanical resistance of diffuser

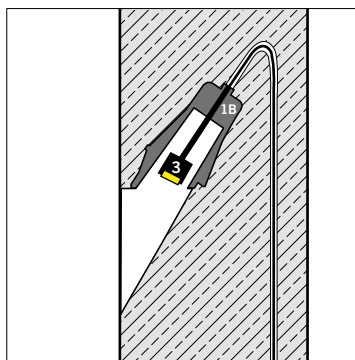
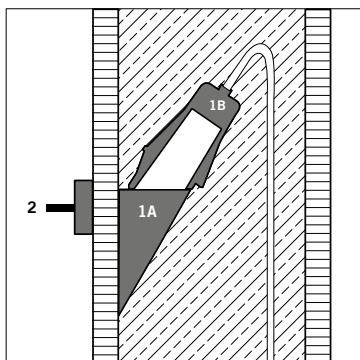
IK 06

Leds 4000K CRI80 versions are available on request.

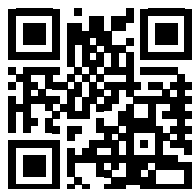
PATENT PENDING REGISTERED DESIGN

This product is manufactured on site during the concrete casting of the wall with hand crafted procedures; therefore, small imperfections caused by the low accuracy of the casting, subsidence of the concrete surface, actual and future cracks, colour ripples and variations over time, will be deliberately present and they are a feature of the concrete, proving the hand-made manufacturing procedure.

For the latest technical information and product updates with LED technology please refer to the official website (www.simes.it)



Product guide video





Concrete Lighting void

Horizontal



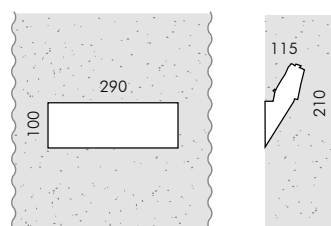
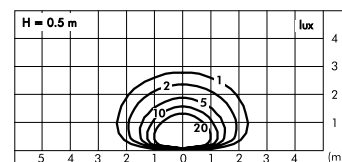
C.8022W



2 housings in polypropylene with locking system

+

Lighting element with white led
3000K CRI80 880lm
 Rated luminaire luminous flux 305lm
 Rated input power flux 9W 230V
 Computer-simulated photometrics



Vertical



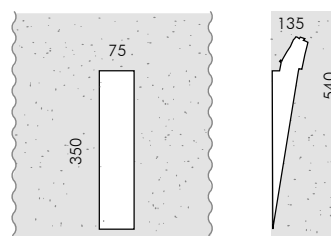
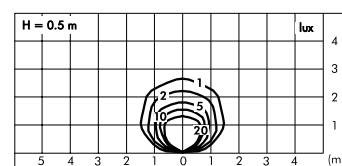
C.8024W



2 housings in polypropylene with locking system

+

Lighting element with white led
3000K CRI80 800lm
 Rated luminaire luminous flux 360lm
 Rated input power flux 7W 230V
 Computer-simulated photometrics



Square



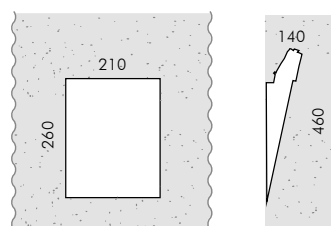
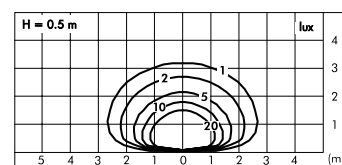
C.8026W



2 housings in polypropylene with locking system

+

Lighting element with white led
3000K CRI80 1150lm
 Rated luminaire luminous flux 438lm
 Rated input power flux 14W 230V
 Computer-simulated photometrics



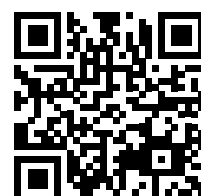






Concrete up-light

The result of continuous research on new technology embraces the essence of LED. Without the need of a recessing box and a limited height the up lighter is the perfect expression of contemporary light. A high performance luminaire in a simple form for easy installation that is able to redefine the concept of ground recessed fixtures.





Concrete covering with added synthetic fibers with high mechanical strength.
Die cast EN AB-47100 aluminium (low copper content) housing with high corrosion resistance.
Reflector in polymers covered with 99.98% pure aluminium
Toughened glass diffuser.
Stainless steel screws.
Luminaire hard wired 3m with single neoprene cable.
Silicone gaskets.
Supplied with ground fixing base.

Protection class
IP67

Isolation class
CLASS I ⊕

Mechanical resistance of glass
IK 06

Leds 4000K CRI90 versions are available on request.

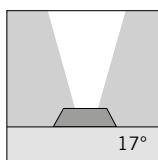
REGISTERED DESIGN

This product has been manufactured with hand crafted procedures, therefore small imperfections, subsidence of the concrete surface, actual cracks and future, colour ripples and variations over time, are deliberately present and they are a feature of the concrete product, proving the hand-made manufacturing procedure.

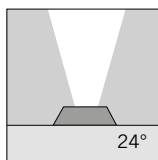
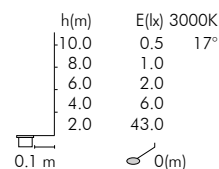
Colours:

● Concrete (cod. 35)

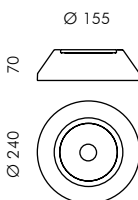
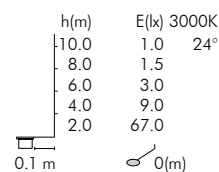
For the latest technical information and product updates with LED technology please refer to the official website (www.simes.it)



C.8150W.35 
With COB led white **3000K** CRI83 800lm
Rated luminaire luminous flux 650lm
Rated input power 13W 230V



C.8155W.35 
With COB led white **3000K** CRI83 2000lm
Rated luminaire luminous flux 1700lm
Rated input power 26,2W 230V



Ground stake accessory for garden installation



S.3524
STAKE in polypropilene.
Colour: black (code 09)
Length 270 mm





Concrete applique

Marked by a pure geometry, completely covered in concrete, the new applique integrates with any surface. The LED's that are housed internally can diffuse in both single and double emission creating a striking glow of light with superior visual comfort.





Concrete covering with added synthetic fibers with high mechanical strength.
Die-cast EN AB-47100 aluminium (low copper content) housing with high corrosion resistance.
Toughened glass diffuser.
Stainless steel screws.
Luminaire suitable for single grommet.
Silicone gaskets.

This product has been manufactured with hand crafted procedures, therefore small imperfections, subsidence of the concrete surface, actual cracks and future, colour ripples and variations over time, are deliberately present and they are a feature of the concrete product, proving the hand-made manufacturing procedure.

Colours:

○ Concrete (cod. 35)

Protection class

IP65

Isolation class

CLASS I ⊕

Mechanical resistance of glass

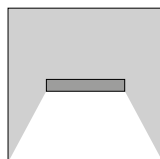
IK 03

Leds 4000K CRI90 versions are available on request.

REGISTERED DESIGN

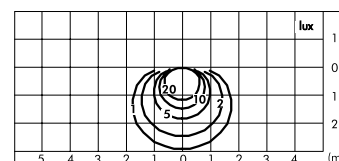
For the latest technical information and product updates with LED technology please refer to the official website (www.simes.it)

Single emission

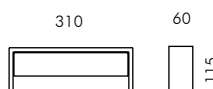
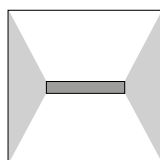


C.8000W.35

With leds white **3000K** CRI90 2016lm
Rated luminaire luminous flux 965lm
Rated input power 24W 230V

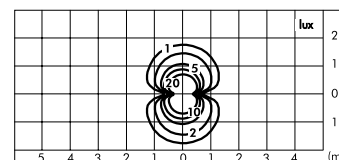


Double emission



C.8001W.35

With leds white **3000K** CRI90 2016lm
Rated luminaire luminous flux 786lm
Rated input power 24W 230V







Concrete wall

An extremely simple wall recessed fixture that can be integrated in any context. The position of the LED offers a soft and comfortable light effect with superior performances, while the surrounding concrete structure protects the aluminium core, perfect material for heat dissipation.

Particularly suitable for recessing into stone walls but also suitable for surface mounted applications on smooth surfaces in concrete or plaster.





Concrete covering with added synthetic fibers with high mechanical strength.
Lighting fixture in Die-cast EN AB-47100 aluminium (low copper content) housing with high corrosion resistance.
Glass diffuser.
Stainless steel screws.
Luminaire hard wired 1,5m with single neoprene cable with cable gland.
Silicone gaskets.

Not suitable for recessed installation in concrete cast wall.

This product has been manufactured with hand crafted procedures, therefore small imperfections, subsidence of the concrete surface, actual cracks and future, colour ripples and variations over time, are deliberately present and they are a feature of the concrete product, proving the hand-made manufacturing procedure.

Colours:

Concrete (cod. 35)

Protection class

IP65

Isolation class

CLASS I ⊕

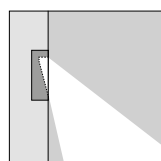
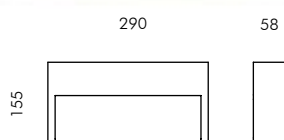
Mechanical resistance of glass

IK 06

Leds 4000K CRI90 versions are available on request.

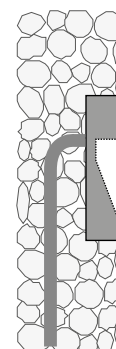
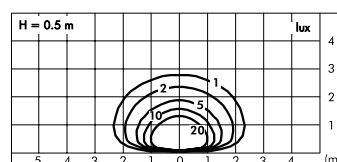
REGISTERED DESIGN

For the latest technical information and product updates with LED technology please refer to the official website (www.simes.it)



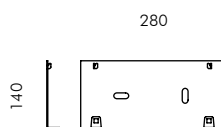
C.8050W.35

With leds white **3000K** CRI80 880lm
Rated luminaire luminous flux 305lm
Rated input power 13,5W 230V
Computer-simulated photometrics



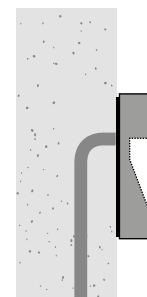
Accessory for surface installation

Concrete Wall, through the use of the fixing base, becomes a surface fitting



C.8054

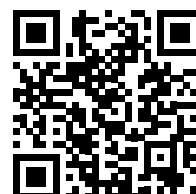
Fixing base for surface applications





Concrete bollard

Concrete is the central character of this bollard with multiple lighting solutions. Available in two different sizes, in single or double emission, this bollard becomes a light sculpture ideal for walkways, gardens, parks and landscape areas.





Concrete covering with added synthetic fibers with high mechanical strength.
Lighting fixture in die-cast EN AB-47100 aluminium (low copper content) housing with high corrosion resistance.
Clear polycarbonate diffuser.
Stainless steel screws.
Luminaire hard wired 0,5m with single neoprene cable with cable gland.
Silicone gaskets.

This product has been manufactured with hand crafted procedures, therefore small imperfections, subsidence of the surface, actual cracks and future, colour ripples and variations over time, are deliberately present and they are a feature of the product, proving the hand-made manufacturing procedure.

Colours:

○ Concrete (cod. 35)

Protection class

IP65

Isolation class

CLASS II 

Mechanical resistance of diffuser

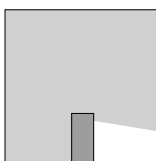
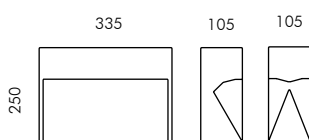
IK 06

Leds 4000K CRI90 versions are available on request.

REGISTERED DESIGN

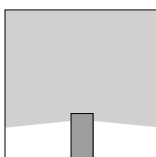
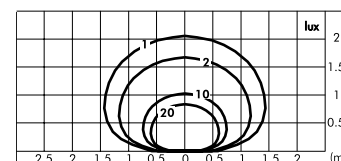
For the latest technical information and product updates with LED technology please refer to the official website (www.simes.it)

H 250 mm



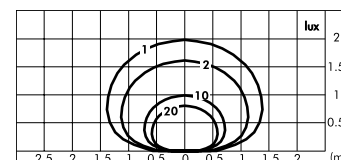
C.8100W.35 Single emission

With leds white **3000K** CRI90 1090lm
Rated luminaire luminous flux 361lm
Rated input power 13,5W 230V

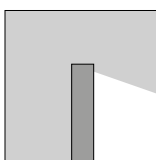
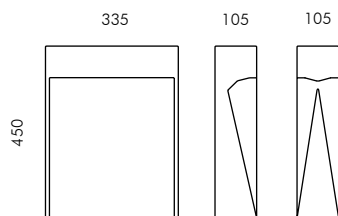


C.8101W.35 Double emission

With leds white **3000K** CRI90 2180lm
Rated luminaire luminous flux 803lm
Rated input power 25W 230V

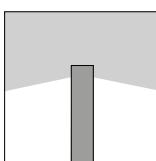
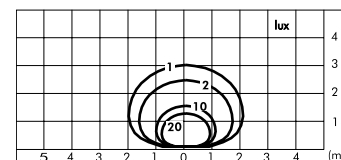


H 450 mm



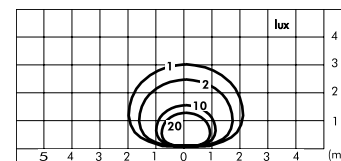
C.8105W.35 Single emission

With leds white **3000K** CRI90 1090lm
Rated luminaire luminous flux 399lm
Rated input power 13,5W 230V



C.8106W.35 Double emission

With leds white **3000K** CRI90 2180lm
Rated luminaire luminous flux 883lm
Rated input power 25W 230V



S.6359

FLANGE FOR CONCRETE BOLLARD
To be fixed in concrete.



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SIMES

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We reserve the right to change specifications without prior notice.

The technical data contained in this catalogue is update up to the date of print (March 2016).

For updated data, see technical sheets and installing instructions available on the website.

Products in this catalogue are REGISTERED and/or PATENTED.

www.simes.com

SIMES

luce per l'architettura

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