PRIMARY GEOMETRIES
Primary geometries

Keen Outline Stage

Miniround Smooth Plan

Kube Trim

Streamline Cool square

Minround Poster

Ghost 4

46 48

62 68 76

14 20 24

30 34 40

54 58
“Perfection is achieved not when there is nothing more to add, but when there is nothing left to take away.”

Antoine de Saint-Exupéry
Simplicity and purity of lines: a refined simplification process, a comeback to the more essential structure of reality.

In the new collection, Simes expresses its creativity by playing with primary geometries - the circle, square, triangle - and works on the fundamental principles of forms to offer new lighting ideas.

Back to the origins: a breakdown from complexity to the basic rules through a rigorous but creative language that evokes amazes and surprises.

Geometries that enclose light: because light defines space, emphasizes, marks a rhythm, shapes objects and sets the balance of the structure. Light that gives energy and well-being through a succession of bright solids and voids conceived to create a pleasant atmosphere.
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
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 (in aluminium for LINEAR versions) 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 aluminium is anchored to the casing (1B) through proper screws and it remains completely hided into the void.

The lighting element is hard wired with 6m cable (VERTICAL and LINEAR versions), 3m cable (MICROGHOST version) suitable for single cable gland and fast connector (HORIZONTAL and SQUARE versions).

Protection class
IP65

Isolation class
CLASS I MINIGHOST SQUARE
GHOST SQUARE
GHOST HORIZONTAL
GHOST VERTICAL
CLASS II GHOST LINEAR
CLASS III MICROGHOST SQUARE

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)

Suitable for armed concrete

Product guide video
Ghost by SABLER.

Concrete Lighting void

**Microghost Square**

C.8030W
- 2 housings in polypropylene with locking system
- Lighting element with MID-POWER white led 3000K CRI80 320lm
- Rated luminaire luminous flux 100lm
- Rated input power flux 4W 24V
- Computer-simulated photometrics
- Requires remote power supply 230V/24V DC (type S.3402 or S.3407)

**Minighest Square**

C.8028W
- 2 housings in polypropylene with locking system
- Lighting element with MID-POWER white led 3000K CRI80 490lm
- Rated luminaire luminous flux 190lm
- Rated input power flux 6W 230V
- Computer-simulated photometrics

**Ghost Square**

C.8026W
- 2 housings in polypropylene with locking system
- Lighting element with MID-POWER white led 3000K CRI80 1150lm
- Rated luminaire luminous flux 438lm
- Rated input power flux 12W 230V
- Computer-simulated photometrics

Requires remote power supply 230V/24V DC (type S.3402 or S.3407).
Concrete Lighting void

Ghost Horizontal

C.8022W
2 housings in polypropylene with locking system
+ Lighting element with MID-POWER white led 3000K CRi80 880lm
Rated luminaire luminous flux 286 lm
Rated input power flux 10W 230V

Ghost Vertical

C.8024W
2 housings in polypropylene with locking system
+ Lighting element with COB white led 3000K CRi80 800 lm
Rated luminaire luminous flux 250 lm
Rated input power flux 7,6W 230V
Concrete Lighting void

Ghost Linear L 240mm

C.8034W
2 housings in aluminium with locking system
+ Lighting element with MID-POWER white led
3000K CRI80 2500lm
Rated luminaire luminous flux 80lm
Rated input power flux 6W 230V
Computer-simulated photometrics

Accessory drilling jig
C.8033
Drilling jig for shutter *

Ghost Linear L 430mm

C.8036W
2 housings in aluminium with locking system
+ Lighting element with MID-POWER white led 3000K CRI80 5000lm
Rated luminaire luminous flux 159lm
Rated input power flux 6W 230V
Computer-simulated photometrics

Accessory drilling jig
C.8035
Drilling jig for shutter *

Ghost Linear L 810mm

C.8038W
2 housings in aluminium with locking system
+ Lighting element with MID-POWER white led 3000K CRI80 10000lm
Rated luminaire luminous flux 317lm
Rated input power flux 12W 230V
Computer-simulated photometrics

Accessory drilling jig
C.8037
Drilling jig for shutter *

Ghost Linear L 1570mm

C.8040W
2 housings in aluminium with locking system
+ Lighting element with MID-POWER white led 3000K CRI80 20000lm
Rated luminaire luminous flux 635lm
Rated input power flux 24W 230V
Computer-simulated photometrics

Accessory drilling jig
C.8039
Drilling jig for shutter *

* The drilling jig facilitates the alignment of the recessed profile of Ghost Continuous line to the shutter. You require only one jig for each size as it can be reutilised.
“RUNNING” GHOST LINEAR CONTINUOUS LINE

All the versions of Ghost Linear can be connected as a continuous line to obtain a running blade of light. Using the standard Ghost Linear lengths available in the catalogue it is possible to achieve any specified length and never be more than 22cm from the required length of the concrete structure.

We recommend using the longer lengths of Ghost Linear and ending the run with the shorter versions and finish each run with the end caps provided with the luminaires (please allow for at least 5cm of complete wall either end of the concrete void). As an accessory a drilling jig is available for each size of recessed profile of Ghost Continuous line, so to facilitate its alignment to the shutter. Only one drilling jig is required for each size of profile utilized.

Considering that “Running” Ghost Linear continuous line is a linear void of 9cm in depth. We suggest to consult a structural engineer in order to calculate an adequate reinforced concrete structure and dimension.

Example 1: WALL OF 344 cm
Continuous Ghost Linear of 334 cm + 5 cm gaps each end

- 1 cm (end cap) + (155 cm x 2) + 22 cm (recessed housings) + 1 cm (end cap) = 334 cm
- 344 cm (wall length) - 334 cm (total length of void) = 10 cm (total clear gap)
- 10 cm / 2 = 5 cm (deviation each end)

Example 2: WALL OF 603 cm
Continuous Ghost Linear of 587 cm + 8 cm gaps each end

- 1 cm (end cap) + (155 cm x 3) + 79 cm + 41 cm (recessed housings) + 1 cm (end cap) = 587 cm
- 603 cm (wall length) - 587 cm (total length of void) = 16 cm (total clear gap)
- 16 cm / 2 = 8 cm (deviation each end)
Keen represents the evolution of outdoor lighting projectors. A special double joint allows the projector to take infinite positions for different light effects. Its minimal design makes it suitable for a wide range of architectural project applications. Available in four sizes, Keen is engineered with the most advanced LED technology and different optical solutions, ensuring a performing light effect and energy saving characteristics.
MEGAKEEN  Adjustable spot projector


Protection class
IP65

Isolation class
CLASS II

Mechanical resistance
IK 07 MICRO/MINIKEEN
IK 06 KEEN/MEGAKEEN

Leds 4000K CRi90 versions are available on request.

The special double joint guarantees total freedom in directing the light beam: the luminaire is able to rotate on three different axes.

Colours:
- White (code 01)
- Aluminium grey (code 14)

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

**S.1505W**
- **LED configuration:** 1 HIGH-POWER LED white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 710 lm
- **Input Power:** 7.9 W

**S.1500W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 295 lm
- **Input Power:** 5.2 W

**S.1501W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 503 lm
- **Input Power:** 7.9 W

**S.1510W**
- **LED configuration:** 5 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 1180 lm
- **Input Power:** 16 W

**S.1511W**
- **LED configuration:** 5 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 1019 lm
- **Input Power:** 16 W

**S.1513W**
- **LED configuration:** 7 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 2100 lm
- **Input Power:** 26.5 W

**S.1515W**
- **LED configuration:** 7 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 1527 lm
- **Input Power:** 26.5 W

**Beam lenses available on request:**
- 25°, 35°, 45°, 60°, 12°x40°

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### Microkeen

**S.1505W**
- **LED configuration:** 1 HIGH-POWER LED white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 1368 lm
- **Input Power:** 7.9 W

**S.1500W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 650 lm
- **Input Power:** 5.2 W

**S.1501W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 411 lm
- **Input Power:** 7.9 W

**Beam lenses available on request:**
- 35°, 45°, 60° and 12°x40°

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### MiniKeen

**S.1505W**
- **LED configuration:** 1 HIGH-POWER LED white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 125 lm
- **Input Power:** 7.9 W

**S.1500W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 125 lm
- **Input Power:** 5.2 W

**S.1501W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 242 lm
- **Input Power:** 7.9 W

**Beam lenses available on request:**
- 35°, 45°, 60° and 12°x40°

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### Megakeen

**S.1505W**
- **LED configuration:** 1 HIGH-POWER LED white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 52 lm
- **Input Power:** 7.9 W

**S.1500W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 52 lm
- **Input Power:** 5.2 W

**S.1501W**
- **LED configuration:** 3 HIGH-POWER LEDS white
- **Color Temperature:** 3000K
- **CRI:** 90
- **Luminous Flux:** 26 lm
- **Input Power:** 7.9 W

**Beam lenses available on request:**
- 35°, 45° and 60°

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### Beam lenses available on request:
- 25°, 35°, 45°, 60°, 12°x40°
The Keen and Minikeen pole versions have extended the project application configurations of this new projector. Thanks to the special anchor base the luminaire can be fixed to new or existing poles of diameter of no less than 60 mm.

**Minikeen pole mounted**

- **S.1520W**
  - With 3 HIGH-POWER LEDS white **3000K**
  - CR90 710lm
  - Rated luminaire luminous flux 535lm
  - Rated input power 7,9W 230V

- **S.1521W**
  - With 3 HIGH-POWER LEDS white **3000K**
  - CR90 710lm
  - Rated luminaire luminous flux 503lm
  - Rated input power 7,9W 230V

  Beam lenses available on request: 35°, 45°, 60° and 12°x40°

**Keen pole mounted**

- **S.1530W**
  - With 5 HIGH-POWER LEDS white **3000K**
  - CR90 1180lm
  - Rated luminaire luminous flux 1019lm
  - Rated input power 16W 230V

- **S.1531W**
  - With 5 HIGH-POWER LEDS white **3000K**
  - CR90 1180lm
  - Rated luminaire luminous flux 951lm
  - Rated input power 16W 230V

- **S.1533W**
  - With 5 HIGH-POWER LEDS white **3000K**
  - CR90 1180lm
  - Rated luminaire luminous flux 950lm
  - Rated input power 16W 230V
  - With ellipsoidal lenses

  Beam lenses available on request: 35°, 45° and 60°

**MegaKeen**

Megakeen projector in standard version can be fixed also to poles.
Stage
Adjustable projector

Stage is an ultra-thin and ultra-performing projector. Characterized by clean design and minimal thickness, Stage generates a luminous flux of extraordinary intensity and visual quality. Available in symmetrical and asymmetrical version, Stage is ready to house the DALI system (available on request), necessary to manage the quantity of light. The asymmetric version is characterized by an innovative scoop optic that guarantees lower luminance resulting in a high visual comfort.
STAGE  Adjustable projector


Protection class
IP65

Isolation class
CLASS II

Mechanical resistance
IK 06

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

Leds 4000K CR180 versions are available on request.

ASYMMETRIC OPTICS

Visual comfort
The scoop optic of the asymmetric version assures a high visual comfort avoiding the direct visibility of the LED source that normally has a high glaring luminance package.

SYMMETRIC OPTICS

Narrow Beam 15°
Medium Beam 40°

The 15° and 40° narrow and medium beams with symmetric optics, are obtained through the use of 6 mid power COB in combination with 6 high performance lenses.

Flood beam 104°

The Flood optic 104° is obtained with a single COB with higher power.

Colour:

- Aluminium grey (code 14)
**STAGE**

**Asymmetric optic**

**S.1205W**

With MID-POWER leds white 3000K
CRi>80 10150lm
Rated luminaire luminous flux 9500lm
Rated input power 85W 230V
Computer-simulated photometrics

**S.1210W**

With 6 COB led white 3000K + 6 lenses 15°
CRi>80 12600lm
Rated luminaire luminous flux 10100lm
Rated input power 106W 230V
Computer-simulated photometrics

**S.1212W**

With 6 COB led white 3000K + 6 lenses 40°
CRi>80 12600lm
Rated luminaire luminous flux 9300lm
Rated input power 106W 230V
Computer-simulated photometrics

**Symmetric optic**

**S.1200W**

With COB led white 3000K
CRi>80 14600lm
Rated luminaire luminous flux 12800lm
Rated input power 106W 230V
Computer-simulated photometrics
Outline

Adjustable projector

A basic and sophisticated design created for a lighting system that shapes the space with a distinctive, clean and tasteful style. Whether as pole, wall or floor mounted, Outline enhances the expressivity of pure aluminium through minimal and simple lines that illuminate space and reveal its true potential. Thanks to its high resistance to oxidation and double painting process, Outline projector combines functionality and architectural expressiveness by lighting the space with natural charm.

Design K. Begasse
Accessory stake for Outline

In polypropylene

Colour: black (code .09)

Protection class
IP65

Isolation class
CLASS I

Mechanical resistance
IK 08

Leds 4000K CRI90 versions are available on request.

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

REGISTERED DESIGN
OUTLINE

Outline spot

With 28 HIGH-POWER leds white 3000K
CR90 5500lm
Rated luminaire luminous flux 4664lm
Rated input power 61W 230V

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Outline flood

With MID-POWER leds white 3000K
CR90 5500lm
Rated luminaire luminous flux 4420lm
Rated input power 46W 230V

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OUTLINE can be installed on the pole using the fixation accessory.

**S.2843**
Ø 60 mm CYLINDRICAL POLE WITH BASE
Pole total height 3500mm

**S.2845**
Ø 76 mm CYLINDRICAL POLE WITH BASE
Pole total height 4500mm
Provided with inspection door

**S.2842**
Ø 60 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 4000mm
To be buried for 500mm

**S.2844**
Ø 76 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 5000mm
To be buried for 500mm
Provided with inspection door

**S.3044**
ACCESSORY SINGLE
POLE MOUNTED Ø 60-76 mm
For 1 OUTLINE

**S.3045**
ACCESSORY DOUBLE
POLE MOUNTED Ø 60-76 mm
For 2 OUTLINE

**S.2849**
PLANTED ROOT FOR S.2843 / S.2845
h=470mm and bolts in galvanized steel with M16 threads.
Streamline is a linear wall-washer designed to illuminate walls and facades with a grazing light effect, creating a soft and uniform diffusion. The light beam direction can be adjusted 0° - 5° - 10°; this feature makes it very flexible in relation to the different design requirements. Streamline, with its slim and compact shape, can be discreetly integrated into any architecture. Streamline is ready to house the DALI dimming system and can be used with the bracket accessory to enable a 180° rotation.
STREAMLINE  Wall-washer and projector

Die-cast EN A8-47100 and extruded EN AW-6060 aluminium housing with high corrosion resistance.
Clear toughened glass diffuser.
Electronic driver 220V/240V 50/60Hz.
DALI driver on request with surcharge.
Stainless steel screws.
Luminaire suitable for single cable gland.
Silicone gaskets.
Double powdered paint.

Protection class
IP65

Isolation class
CLASS I

Mechanical resistance
IK 09

Leds 4000K CRI80 versions are available on request.

Streamline in the semifixed version allows three different beam settings:
0° - 5° - 10°

The bracket accessory spaces Streamline 50mm or 150mm from the wall and allows a 180° product rotation.

Colour:
Aluminium grey  (code 14)

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

REGISTERED DESIGN

The Streamline range is supplied with a driver which can be set at 25mA increments (from a min. of 325mA to Max 600mA) allowing the luminaries lumen output to be fine tuned and modified to suit different applications.
Some examples of fixture lumen output and power consumption for part number S.1250W:
@325mA 3850lm 38,5W (low current )
@500mA 5518lm 59,0W (mid current )
@600mA 6470lm 71,0W (max current )
Adjustable bracket accessory 180°

Through the use of the stirrup accessory, Streamline wall mounted becomes totally adjustable and allows for the precise orientation of the light beam.

**S.1259**
Adjustable H100mm bracket accessory 180° for Streamline Wall mounted.

**S.1258**
Adjustable H200mm bracket accessory 180° for Streamline Wall mounted.

**STREAMLINE** Projector

**Projector 30° version**

**S.1260W**
With MID-POWER leds white 3000K
CR180 8400lm
Rated luminaire luminous flux 8150lm
Rated input power 71W 230V
Computer-simulated photometrics

**Projector 60° version**

**S.1265W**
With MID-POWER leds white 3000K
CR180 8400lm
Rated luminaire luminous flux 5820lm
Rated input power 71W 230V
Computer-simulated photometrics
Smooth is the summary of both technical and aesthetic expressions taken to the extreme. The proportions, the absence of sharp edges, the smooth and continuous surface without interruptions embracing its technological core, are the result of careful research. The strong performance in functional and accent lighting are guaranteed by the latest generation of LED, combined with specific reflectors.
SMOOTH  Wall effect and pole mounted

Die-cast EN AB-47100 and extruded EN AW-6060 aluminum housing with high corrosion resistance.
Toughened glass diffuser 8mm thick.
Electronic driver 220V/240V 50/60Hz.
DALI driver on request with surcharge.
Stainless steel screws.
Luminaire hard wired with single neoprene cable with cable gland.
Silicone gaskets.
Double powdered paint.

Protection class
IP65

Isolation class
CLASS II

Mechanical resistance
IK 06

Leds 4000K CR90 versions are available on request.

Uniform distribution
The balance between the source, the reflector and the protruding semi-frosted glass creates a soft and uniform light distribution.

Clean design
The continuous surface of the cover embraces, as a curved sheet, the internal luminaire. Junctions, screws and fastening elements are totally hidden to obtain a completely “smooth” shape and a clean design.

Colours:
- White (code 01)
- Aluminium grey (code 14)

Colour for Smooth pole mounted:
- Aluminium grey (code 14)

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

PATENT PENDING
REGISTERED DESIGN
Minismooth

S.2900W Single emission

With HIGH-POWER led white 3000K
CR190 495lm
Rated luminaire luminous flux 442lm
Rated input power 5,5W 230V
Led position fixed
Computer-simulated photometrics

S.2905W Double emission

With HIGH-POWER leds white 3000K
CR190 990lm
Rated luminaire luminous flux 884lm
Rated input power 11W 230V
Led position fixed
Computer-simulated photometrics

Smooth

S.2910W Single emission

With COB led white 3000K
CR190 1260lm
Rated luminaire luminous flux 1038lm
Rated input power 11,8W 230V
Led position fixed
Computer-simulated photometrics

S.2915W Double emission

With COB leds white 3000K
CR190 2520lm
Rated luminaire luminous flux 2076lm
Rated input power 23,6W 230V
Led position fixed
Computer-simulated photometrics

Megasmooth

S.2920W Single emission

With COB led white 3000K
CR190 2880lm
Rated luminaire luminous flux 2216lm
Rated input power 27W 230V
Led position fixed

S.2925W Double emission

With COB leds white 3000K
CR190 5760lm
Rated luminaire luminous flux 4432lm
Rated input power 54W 230V
Led position fixed
The Smooth and Megasmooth pole versions have extended the project application configurations of this new projector. Thanks to the special anchor base the luminaire can be fixed to new or existing poles of diameter of 60/76mm (Smooth) and 76/102mm (Megasmooth).

**Smooth pole mounted**

**S.2930W**
With COB led white 3000K
CRi90 1260lm
Rated luminaire luminous flux 1038lm
Rated input power 11.8W 230V
Led position fixed
Computer-simulated photometrics

Suitable for pole Ø 60 and Ø 76
(Pole not included)

**Megasnooth pole mounted**

**S.2940W**
With COB led white 3000K
CRi90 2880lm
Rated luminaire luminous flux 2216lm
Rated input power 27W 230V
Led position fixed
Computer-simulated photometrics

Suitable for pole Ø 76 and Ø 102
(Pole not included)

**POLES WITH BASE**

**S.2843**
Ø 60 mm CYLINDRICAL POLE WITH BASE
Pole total height 3500mm

**S.2845**
Ø 76 mm CYLINDRICAL POLE WITH BASE
Pole total height 4500mm
Provided with inspection door

**S.2849**
PLANTED ROOT FOR S.2843 / S.2845
h=470mm and bolts in galvanized steel with M16 threads.

**POLES TO BE BURIED**

**S.2842**
Ø 60 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 4000mm
To be buried for 500mm

**S.2844**
Ø 76 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 5000mm
To be buried for 500mm
Provided with inspection door

**S.2814**
Ø 102 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 5000 mm
To be buried for 500 mm
Provided with inspection door
Ø 102 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 5000 mm
To be buried for 500 mm
Provided with inspection door
Plan

Applique visible glass

Characterized by its formal design, its simplicity and elegant but firm lighting effect, Plan is a brand new LED appliqué with single or double light emission. The specific finish of the protruding frosted glass confers a decorative look with a more diffused effect, giving the fixture a soft light distribution.

Colours:
- White (code 01)
- Aluminium grey (code 14)
- Burnished bronze (code 20)

Protruding glass
The protruding glass creates a charming decorative effect and enhance the brightness of the fixture. The water-jet cut glass diffuser conveys purity in its lines while the frosted glass finish provides excellent visual comfort.

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

**Horizontal single emission**

*S.3883W*  
With MID-POWER leds white 3000K  
CRi90 1090lm  
Rated luminaire luminous flux 475lm  
Rated input power 13.5W 230V

**Horizontal double emission**

*S.3884W*  
With MID-POWER leds white 3000K  
CRi90 1090lm  
Rated luminaire luminous flux 389lm  
Rated input power 13.5W 230V

---

PLAN HORIZONTAL

**Horizontal single emission**

*S.3893W*  
With MID-POWER leds white 3000K  
CRi90 1860lm  
Rated luminaire luminous flux 888lm  
Rated input power 24W 230V  
Computer-simulated photometrics

**Horizontal double emission**

*S.3894W*  
With MID-POWER leds white 3000K  
CRi90 1860lm  
Rated luminaire luminous flux 723lm  
Rated input power 24W 230V  
Computer-simulated photometrics
### Vertical 60 single emission

![Image](image1.png)

**S.3875W**
With MID-POWER leds white 3000K
CRi90 235lm
Rated luminaire luminous flux 75lm
Rated input power 4W 230V

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### Vertical 90 single emission

![Image](image2.png)

**S.3885W**
With MID-POWER leds white 3000K
CRi90 710lm
Rated luminaire luminous flux 248lm
Rated input power 10W 230V

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### Vertical 140 single emission

![Image](image3.png)

**S.3895W**
With MID-POWER leds white 3000K
CRi90 1180lm
Rated luminaire luminous flux 475lm
Rated input power 16W 230V

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PLAN VERTICAL

**Vertical 60 double emission**

**S.3877W**

With MID-POWER LEDs white 3000K
CRi90 470 lm
Rated luminaire luminous flux 150 lm
Rated input power 6 W  230 V

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**Vertical 90 double emission**

**S.3887W**

With MID-POWER LEDs white 3000K
CRi90 1420 lm
Rated luminaire luminous flux 496 lm
Rated input power 18.2 W  230 V

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**Vertical 140 double emission**

**S.3897W**

With MID-POWER LEDs white 3000K
CRi90 2360 lm
Rated luminaire luminous flux 950 lm
Rated input power 29.7 W  230 V

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Trim
Applique and bollard

Characterized by square and essential lines, Trim is a structured lighting piece, which is suitable for any type of context, whether classic or modern. It creates a charming atmosphere for the surrounding space. As a result of the union between aluminum and glass, Trim is an extremely versatile solution and can be mounted on a wall or pole.

Single emission
Double emission
TRIM  Applique and bollard single emission


Protection class IP54

Isolation class CLASS I ☑

Mechanical resistance of glass IK 06 TRIM HORIZONTAL / BOLLARDS IK 09

Leds 4000K CRI90 versions are available on request.

Colours:
- White (code 01)
- Aluminium grey (code 14)

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

REGISTERED DESIGN
TRIM SQUARE SINGLE EMISSION

Trim square 170

170

100

65

24

S.3150W
With MID-POWER leds white 3000K
CR190 900lm
Rated luminaire luminous flux 603lm
Rated input power 9W 230V
Computer-simulated photometrics

Trim square 170 bollard

Trim square 240

240

240

100

65

24

S.3151W
With MID-POWER leds white 3000K
CR190 900lm
Rated luminaire luminous flux 622lm
Rated input power 9W 230V
Computer-simulated photometrics

Trim square 240 bollard

S.3155W
With MID-POWER leds white 3000K
CR190 1800lm
Rated luminaire luminous flux 1265lm
Rated input power 18W 230V
Computer-simulated photometrics

S.3156W
With MID-POWER leds white 3000K
CR190 1800lm
Rated luminaire luminous flux 1280lm
Rated input power 18W 230V
Computer-simulated photometrics
TRIM RECTANGULAR SINGLE EMISSION

**Trim horizontal**

S.3170W
With MID-POWER leds white **3000K**
CR90 1800lm
Rated luminaire luminous flux 1290lm
Rated input power 18W 230V
Computer-simulated photometrics

**Trim rectangular**

S.3171W
With MID-POWER leds white **3000K**
CR90 1800lm
Rated luminaire luminous flux 1270lm
Rated input power 18W 230V

**Trim rectangular bollard**

S.3172W
With MID-POWER leds white **3000K**
CR90 1800lm
Rated luminaire luminous flux 1290lm
Rated input power 18W 230V
Computer-simulated photometrics
TRIM  Applique double emission


Protection class
IP54

Isolation class
CLASS I ☑

Mechanical resistance of glass
IK 06

Leds 4000K CRI90 versions are available on request.

Visual comfort
Trim double emission has been developed to ensure maximum visual comfort. The direct light of the front side is diffused by a special glass, to prevents glare and avoid the visibility of the LEDs. The indirect light is evenly distributed on the wall thanks to a second diffusing glass positioned on the rear side of the luminaire.

Colour:

☐ White  (code 01)

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

REGISTERED DESIGN
Trim square 240 double emission

S.3160W

With MID-POWER leds white 3000K
CR190 1800lm
Rated luminaire luminous flux 860lm
Rated input power 18W 230V
Computer-simulated photometrics
Minilinear

Inground Walk over

Minilinear is a recessed luminaire perfectly flush with the floor that disappears completely integrating with the architecture. The soft or accent lighting effect mark pathways and facades discreetly.

Miniround

Inground Walk over

Miniround embraces the elegant flush lines of Minilinear in a curved structure capable of designing striking lighting frames. Miniround emphasizes trunks and green foliage, colonnades, sculptures and non-linear paths.
Die-cast EN AB-44100 and extruded EN AW-6060 aluminium housing with high corrosion resistance.

Toughened glass diffuser 6 mm thick.

Electronic driver 220V/240V 50Hz.

Miniround with DALI driver on request with surcharge.

Stainless steel screws.

Luminaire hard wired with single neoprene cable with cable gland.

Silicone gaskets.

Recessing box in aluminium.

Fast connector IP68 included.

Double powdered paint.

**Protection class**

IP67

**Isolation class**

CLASS I

**Mechanical resistance**

IK 09 MINILINEAR

IK 08 MINIROUND

Leds 4000K CRI90 versions are available on request.

The housing of Miniround has a “dove-tail” joint to perfectly connect two or more consecutive fittings (5 consecutive products create a full circle).

**Connection joint**

Maximum weight 500 Kg

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

Semiacid-etched glass

S.5485W
With 8 HIGH-POWER leds white 3000K
CR190 1374lm
Rated luminaire luminous flux 826lm
Rated input power 13,8W 230V
T 40°C

Acid-etched glass

S.5488W
With MID-POWER leds white 3000K
CR190 958lm
Rated luminaire luminous flux 392lm
Rated input power 10,7W 230V
T 40°C

MINIROUND  Full glass

Semiacid-etched glass

S.5400W
With 8 HIGH-POWER leds white 3000K
CR190 1374lm
Rated luminaire luminous flux 826lm
Rated input power 13,8W 230V
T 40°C

Acid-etched glass

S.5402W
With MID-POWER leds white 3000K
CR190 958lm
Rated luminaire luminous flux 392lm
Rated input power 10,7W 230V
T 40°C

Acid-etched glass

MINI ROUND  Full glass

Semiacid-etched glass

S.5485W
With 8 HIGH-POWER leds white 3000K
CR190 1374lm
Rated luminaire luminous flux 826lm
Rated input power 13,8W 230V
T 40°C

Acid-etched glass

S.5488W
With MID-POWER leds white 3000K
CR190 958lm
Rated luminaire luminous flux 392lm
Rated input power 10,7W 230V
T 40°C

Acid-etched glass

MINI ROUND  Full glass

Semiacid-etched glass

S.5400W
With 8 HIGH-POWER leds white 3000K
CR190 1374lm
Rated luminaire luminous flux 826lm
Rated input power 13,8W 230V
T 40°C

Acid-etched glass

S.5402W
With MID-POWER leds white 3000K
CR190 958lm
Rated luminaire luminous flux 392lm
Rated input power 10,7W 230V
T 40°C

Acid-etched glass
Cool is one of the latest LED products from SIMES, engineered to maximize the LED performance, whilst minimizing the size and energy consumption. Available in different versions, as wall mounted and as bollard, Cool family introduces a new way to light up outdoor spaces. Cool is a simple void volume diffusing direct or indirect light from a very thin LED circuit covered by its protective glass.
Die-cast EN A8-47100 and extruded EN AW-6060 aluminium housing with high corrosion resistance.
Toughened glass diffuser.
Electronic driver 220V/240V 50/60Hz.
Stainless steel screws.
Silicone gaskets.
Luminaire suitable for single grommet.
**Double powdered paint.**

**Protection class**
IP54

**Isolation class**
CLASS I ☑

**Mechanical resistance**
IK 06

Leds 4000K CR190 versions are available on request.

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

**Colours:**
- White (code 01)
- Aluminium grey (code 14)

**Cool square long H 580mm**
can be installed directly on the floor without flange.

**FLANGE FOR COOL SQUARE LONG H 1160mm**
Steel flange with stainless steel screws for art. S.7295W (to be buried in concrete).

**S.7289**
Cool square long H 580 mm

S.7290W  H 580 mm
With MID-POWER leds white 3000K
CRi90 2180lm
Rated luminaire luminous flux 1273lm
Rated input power 23.4W 230V

Cool square long bollard H 1160 mm

S.7295W  H 1160 mm
With MID-POWER leds white 3000K
CRi90 2180lm
Rated luminaire luminous flux 1273lm
Rated input power 23.4W 230V
Kube

A new range of lighting objects that are ideal for the completion of outdoor projects. Inspired by the COOL product range, with cutting edge design and innovative LED technology, KUBE is an object of urban design that can be integrated into any context and is particularly suitable for paths, parks and landscape areas.
KUBE Appliance and bollard


Protection class
IP54

Isolation class
CLASS I

Mechanical resistance
IK 06

Leds 4000K CRI90 versions are available on request.

Colours version 120 / 240
- White (code 01)
- Aluminium grey (code 14)

Colour versions Bollard / Long
- Aluminium grey (code 14)

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

REGISTERED DESIGN

S.1014
STAKE FOR MICROKUBE 120
in polypropylene for temporary applications

S.3554
STAKE FOR KUBE 240
in polypropylene for temporary applications

S.6309
FLANGE ACCESSORY FOR MICROKUBE 120
Ø 120 mm flange to be buried in concrete with stainless steel screws for fixing in the ground.

S.5350
FLANGE ACCESSORY FOR KUBE 240
Ø 240 mm flange to be buried in concrete with stainless steel screws for fixing in the ground.
MICROKUBE 120

Microkube 120

S.6300W
With MID-POWER leds white 3000K
CRI90 970lm
Rated luminaire luminous flux 264lm
Rated input power 13W 230V

Microkube long 120

S.6306W
With MID-POWER leds white 3000K
CRI90 970lm
Rated luminaire luminous flux 390lm
Rated input power 13W 230V

Microkube long 120 bollard

S.6307W
With MID-POWER leds white 3000K
CRI90 970lm
Rated luminaire luminous flux 390lm
Rated input power 13W 230V
Kube 240

With MID-POWER leds white 3000K
CRI90 3880lm
Rated luminaire luminous flux 1099lm
Rated input power 45W 230V

Kube long 240

With MID-POWER leds white 3000K
CRI90 3880lm
Rated luminaire luminous flux 1425lm
Rated input power 45W 230V

Kube long 240 bollard

With MID-POWER leds white 3000K
CRI90 3880lm
Rated luminaire luminous flux 1425lm
Rated input power 45W 230V
Catch is an innovative square and rectangular downlight range that combines great visual comfort, minimalist dimensions and adjustability thanks to its tilting optical base. Through the use of state-of-the-art cowls the optical system is glare free highlighting the importance of visual comfort required when using LED sources.

The reduced recessed dimensions allows for shallow depth installations and the remote drivers provides a quick and easy install, with DALI options available on request.

The adjustable version of Catch can be installed either flush with the external trim or with a limited protrusion allowing greater tilt adjustability and improved beam angle precision.

Catch is available in fixed or adjustable version with aluminium or stainless steel trim with improved aesthetics and suitable for more extreme applications.
CATCH Downlight

Die-cast EN AB-47100 aluminium housing with high corrosion resistance. Aluminium or marine grade stainless steel AISI 316L.
Clear polycarbonate lenses.
Toughened glass 5 mm thick.
Stainless steel screws.
Electronic circuit 220V/230V 50/60Hz.
DALI driver on request with surcharge.
Luminaire hard wired with single neoprene cable.
Double powder painted.

Protection class
IP65

Isolation class
CLASS II

Mechanical resistance
IK 08

Leds 4000K CRI90 versions are available on request.

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

REGISTERED DESIGN

CATCH adjustable optic finishing:
- Front ring in Aluminium grey and black painted body (code 14)
- Stainless steel front ring and black painted body (code 19)

REGISTERED DESIGN

CATCH fixed optic finishing:
- Front ring-body Aluminium grey (code 14)
- Stainless steel front ring and black painted body (code 19)

Catch adjustable can be installed perfectly flush to the trim or with a slight protrusion of 15mm of the optics.
**CATCH SQUARE Adjustable optic**

**Catch aluminium front ring adjustable optic**

![Image](image1)

**S.7420W**

With 9 HIGH-POWER leds white 3000K
CRi90 1390lum
Rated luminaire luminous flux 1010lm
Rated input power 15W
Adjustable ±15° optic
Computer-simulated photometrics

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**S.7421W**

With 9 HIGH-POWER leds white 3000K
CRi90 1390lum
Rated luminaire luminous flux 920lm
Rated input power 15W
Adjustable ±15° optic
Computer-simulated photometrics

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**Catch stainless steel front ring adjustable optic**

![Image](image2)

**S.7425W.19**

With 9 HIGH-POWER leds white 3000K
CRi90 1390lum
Rated luminaire luminous flux 1010lm
Rated input power 15W
Adjustable ±15° optic
Computer-simulated photometrics

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**S.7426W.19**

With 9 HIGH-POWER leds white 3000K
CRi90 1390lum
Rated luminaire luminous flux 920lm
Rated input power 15W
Adjustable ±15° optic
Computer-simulated photometrics

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**S.7429**

**HOUSING FOR CONCRETE CEILINGS**

for CATCH SQUARE ADJUSTABLE
Dim. 220 x 380 x 120mm
Hole 148 x 148mm
Catch aluminium front ring fixed optic

![Image](image1)

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S.7430W
With 9 HIGH-POWER leds white 3000K
CR190 1890lm
Rated luminaire luminous flux 1420lm
Rated input power 21W
Led position fixed
Computer-simulated photometrics

S.7431L
With 9 HIGH-POWER leds white 3000K
CR190 1890lm
Rated luminaire luminous flux 1280lm
Rated input power 21W
Led position fixed
Computer-simulated photometrics

Catch stainless steel front ring fixed optic

![Image](image2)

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</table>

S.7435W.19
With 9 HIGH-POWER leds white 3000K
CR190 1890lm
Rated luminaire luminous flux 1420lm
Rated input power 21W
Led position fixed
Computer-simulated photometrics

S.7436W.19
With 9 HIGH-POWER leds white 3000K
CR190 1890lm
Rated luminaire luminous flux 1280lm
Rated input power 21W
Led position fixed
Computer-simulated photometrics

S.7439
HOUSING FOR CONCRETE CEILINGS
for CATCH SQUARE FIXED
Dim. 220 x 380 x 120mm
Hole 131 x 131mm
### Catch aluminium front ring adjustable optic

<table>
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<tr>
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<th>Ø(m)</th>
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Computer-simulated photometrics

### Catch stainless steel front ring adjustable optic

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</table>

Computer-simulated photometrics

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**S.7460W**  
With 20 HIGH-POWER leds white 3000K  
CRi90 3140lm  
Rated luminaire luminous flux 2350lm  
Rated input power 33W  
Adjustable ±15° optic  
Computer-simulated photometrics

**S.7461W**  
With 20 HIGH-POWER leds white 3000K  
CRi90 3140lm  
Rated luminaire luminous flux 2120lm  
Rated input power 33W  
Adjustable ±15° optic  
Computer-simulated photometrics

**S.7465W.19**  
With 20 HIGH-POWER leds white 3000K  
CRi90 3140lm  
Rated luminaire luminous flux 2350lm  
Rated input power 33W  
Adjustable ±15° optic  
Computer-simulated photometrics

**S.7466W.19**  
With 20 HIGH-POWER leds white 3000K  
CRi90 3140lm  
Rated luminaire luminous flux 2120lm  
Rated input power 33W  
Adjustable ±15° optic  
Computer-simulated photometrics

**S.7469**

**HOUSING FOR CONCRETE CEILINGS**

for CATCH RECTANGULAR ADJUSTABLE  
Dim. 400 x 360 x 120mm  
Hole 331 x 118mm
### CATCH RECTANGULAR Fixed optic

#### Catch aluminium front ring fixed optic

<table>
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Rated luminaire luminous flux 2350lm
Rated input power 33W
Led position fixed
Computer-simulated photometrics

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Rated luminaire luminous flux 2120lm
Rated input power 33W
Led position fixed
Computer-simulated photometrics

#### Catch stainless steel front ring fixed optic

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Rated luminaire luminous flux 2350lm
Rated input power 33W
Led position fixed
Computer-simulated photometrics

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Rated luminaire luminous flux 2120lm
Rated input power 33W
Led position fixed
Computer-simulated photometrics

#### S.7479

**HOUSING FOR CONCRETE CEILINGS**
for CATCH RECTANGULAR FIXED
Dim. 400 x 360 x 120mm
Hole 313 x 105mm
A new concept of area lighting with essential and clean shapes: this is Poster, the perfect solution to light up your landscape in a stylish and elegant way. The sophisticated die cast aluminium structure with low copper content contrasts effectively the oxidation process and makes Poster a lighting system that is not only minimal and dynamic but also perfectly functional and resistant.
POSTER  Urban lighting


Protection class
IP65

Isolation class
CLASS II

Mechanical resistance
IK 07

Leds 3000K CRI80 versions are available on request.

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

Colours:
- Aluminium grey (code 14)
- Anthracite grey (code 24)

S.7059
ASYMMETRIC SHIELD
Aluminium shield to be mounted when an asymmetric light distribution is required from the MINIPOSTER pole top.

S.7049
ASYMMETRIC SHIELD
Aluminium shield to be mounted when an asymmetric light distribution is required from the POSTER pole top.

S.2849
PLANTED ROOT FOR Ø 60 mm AND Ø 76 mm CYLINDRICAL POLE WITH BASE
h=470mm and bolts in galvanized steel with M16 threads.
**Poster Post top**

S.7050N
With MID-POWER led white 4000K
CRI80 4880lm
Rated luminaire luminous flux 4050lm
Rated input power 63W 230V
Pole not included

**Poles for Poster**

S.2812
Ø 76 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 3500 mm
To be buried for 500 mm
Finished product total height above ground 3860 mm
Provided with inspection door

S.2813
Ø 76 mm CYLINDRICAL POLE WITH BASE
Pole total height 3000 mm
Finished product total height above ground 3860 mm
Provided with inspection door

**Miniposter Post top**

S.7045N
With MID-POWER led white 4000K
CRI80 3360lm
Rated luminaire luminous flux 1780lm
Rated input power 30W 230V
Computer-simulated photometrics
Pole not included

**Poles for Miniposter**

S.2800
Ø 60 mm CYLINDRICAL POLE TO BE BURIED
Pole total height 3000 mm
To be buried for 500 mm
Finished product total height above ground 3065 mm

S.2801
Ø 60 mm CYLINDRICAL POLE WITH BASE
Pole total height 2500 mm
Finished product total height above ground 3065 mm
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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 (May 2017).

For updated info, see technical sheets and installation instructions available on the SIMES website.

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PRIMARY GEOMETRIES