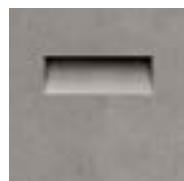




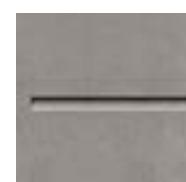
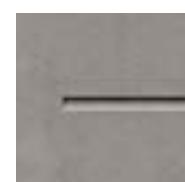
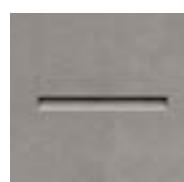
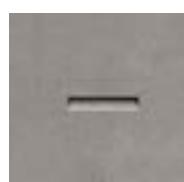
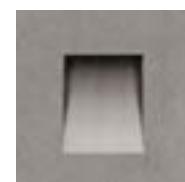
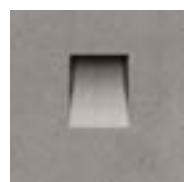
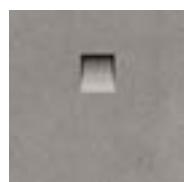
Ghost by *SADLER*®

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



reddot award 2016
winner

2016



2016



2016



2017



www.simes.it/ghost

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.

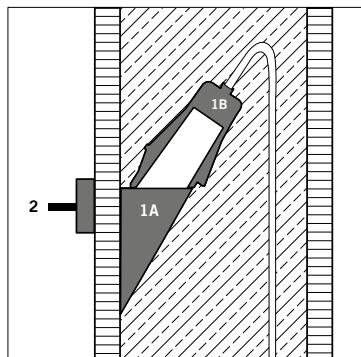
(The housing is supplied with bolts, locking system and stickers to be applied on the outside of the retaining panels so to secure a perfect alignment for multiple installations of each housing when pouring the concrete).

The **lighting element** (**3**) in die cast 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 6m cable (VERTICAL and LINEAR versions), 3m cable (MICROGHOST version) suitable for single cable gland and fast connector (HORIZONTAL and SQUARE versions).
Led circuit 24V MICROGHOST SQUARE
Led circuit 230V MINIGHOST SQUARE

GHOSH SQUARE
GHOSH HORIZONTAL
GHOSH VERTICAL
GHOSH LINEAR

Finishing:

Cast cement



Suitable for armed concrete

Protection class

IP65

Isolation class

CLASS I MINIGHOST SQUARE
GHOSH SQUARE
GHOSH HORIZONTAL
GHOSH VERTICAL
CLASS II GHOSH LINEAR
CLASS III MICROGHOST SQUARE

Mechanical resistance of diffuser

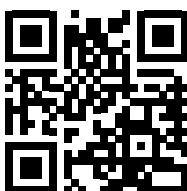
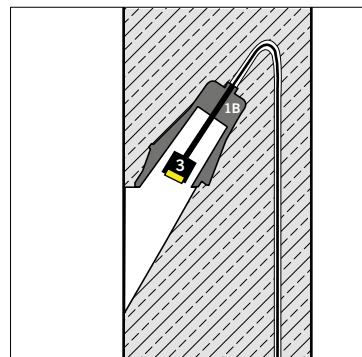
IK 06

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)



Product guide video

Concrete Lighting void

Microghost Square

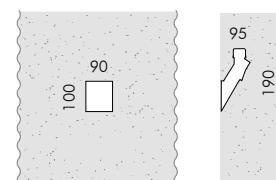
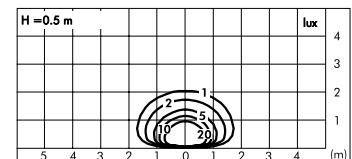


C.8030W

2 housings in polypropilene
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)



Minighost Square

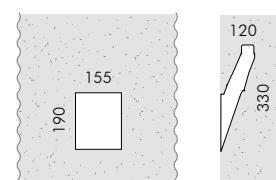
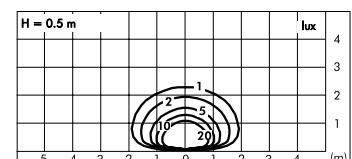


C.8028W

2 housings in polypropilene
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

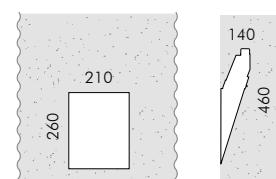
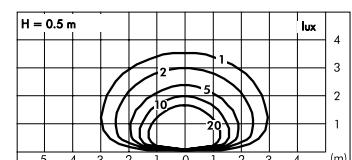


C.8026W

2 housings in polypropilene
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



Concrete Lighting void

Ghost Horizontal

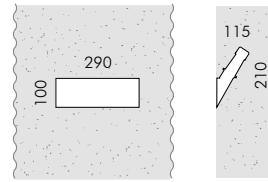
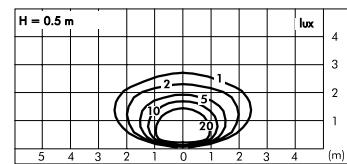


C.8022W

2 housings in polypropilene
with locking system

+

Lighting element with MID-POWER
white led **3000K** CRI80 880lm
Rated luminaire luminous flux 286lm
Rated input power flux 10W 230V



Ghost Vertical

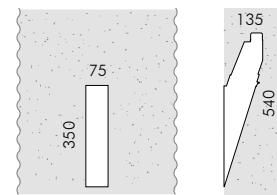
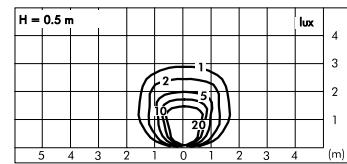


C.8024W

2 housings in polypropilene
with locking system

+

Lighting element with COB white led
3000K CRI80 800lm
Rated luminaire luminous flux 250lm
Rated input power flux 7,6W 230V





Concrete Lighting void

Ghost Linear L 240mm



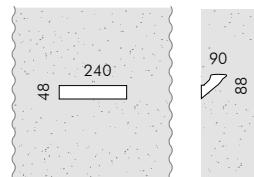
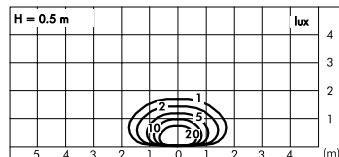
C.8034W

2 housings in aluminium
with locking system
+
Lighting element with MID-POWER
white led
3000K CRI80 250lm
Rated luminaire luminous flux 80lm
Rated input power flux 3W 230V
Computer-simulated photometrics

Accessory drilling jig

C.8033

Drilling jig for shutter *



Ghost Linear L 430mm



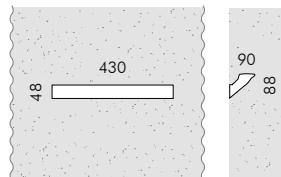
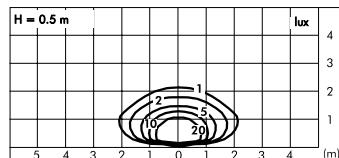
C.8036W

2 housings in aluminium
with locking system
+
Lighting element with MID-POWER
white led **3000K CRI80 500lm**
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



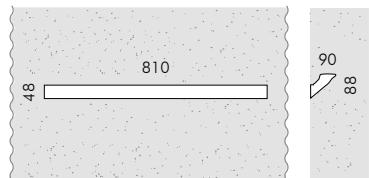
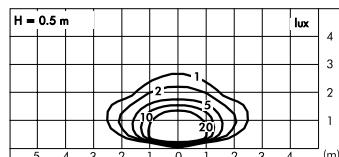
C.8038W

2 housings in aluminium
with locking system
+
Lighting element with MID-POWER
white led **3000K CRI80 1000lm**
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



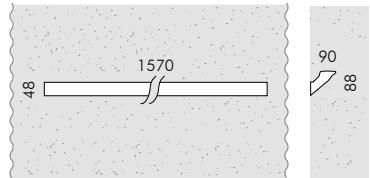
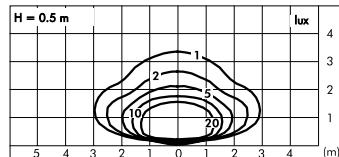
C.8040W

2 housings in aluminium
with locking system
+
Lighting element with MID-POWER
white led **3000K CRI80 2000lm**
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.

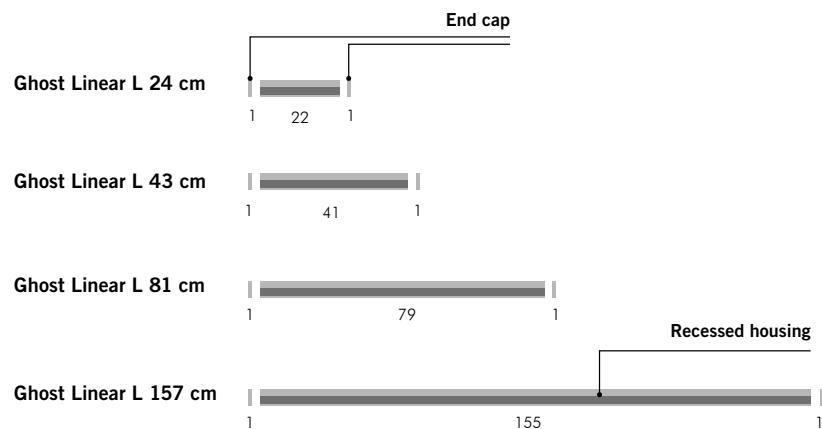
"RUNNING" GHOST LINEAR CONTINUOUS LINE

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.

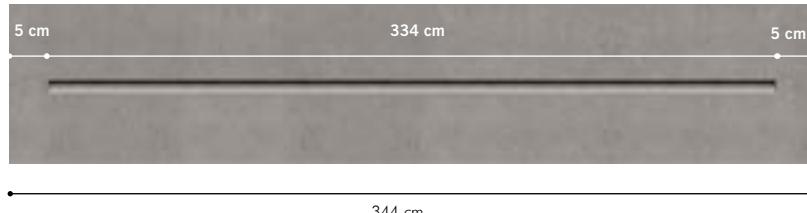


Example 1: WALL OF 344 cm

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)

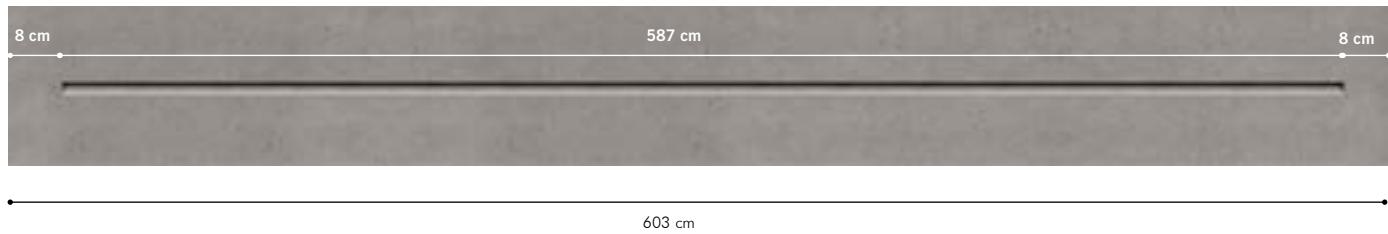


Example 2: WALL OF 603 cm

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)



Product guide video



