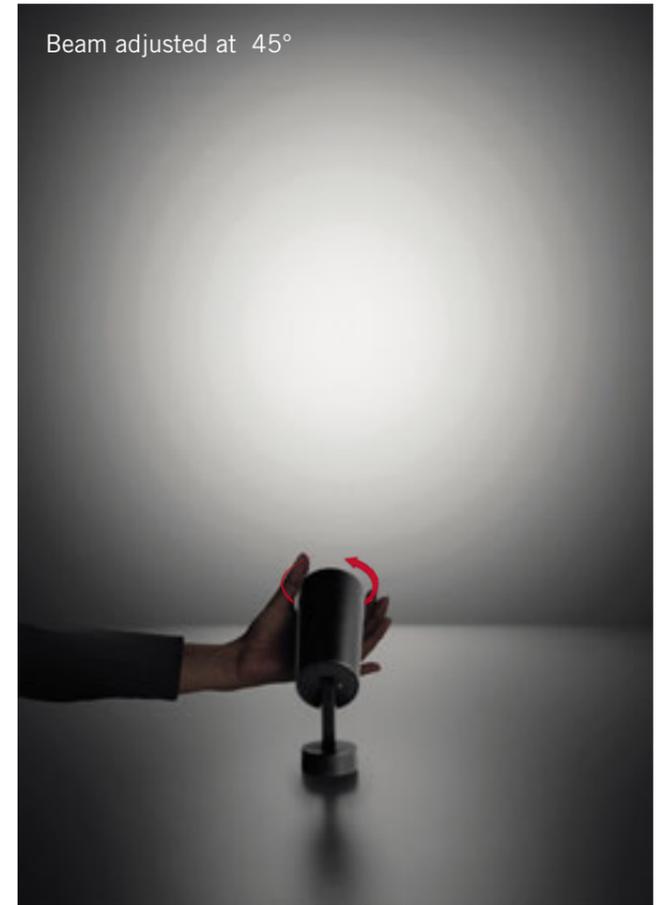


The image features two SIMES Flower Tiltable Microprojectors. Each consists of a long, thin, dark-colored pole with a cylindrical projector head at the top. The projector heads are tilted at different angles. The poles are planted in a field of dry grass. The background is a dark, gradient sky with a bright light source on the right side, creating a soft glow.

SIMES

Flower
Tiltable Microprojector



Flower

Flower, micro spotlight with adjustable optics.

Flower is proposed in 2 sizes: Flower Ø25, extremely small, blends into the scene when installed; Flower Ø35, slightly larger, offers high lighting performance while maintaining minimal dimensions. Both versions are available with a narrow 15° fixed optic or with a 45° medium fixed optic. The clean design with no visible cable comes together with high visual comfort due to the rearward optics and the use of special filters that refine the beam.



Flower Zoom

Multi focal projector, which is able to control the beam angle with a simple rotational movement.

Flower ZOOM Ø60 and Ø75 differ from Flower Ø25 and Ø35 for the possibility of changing the beam angle even once installed. The transition from a concentrated SPOT 15° beam to a large FLOOD 45° thus takes place smoothly and gradually, offering maximum comfort. The modification takes place through a manual rotation of the front bezel.





Flower ZOOM 15°
Narrow beam
for an aiming light

Flower Zoom's Spot 15° ensures high cone precision of light characterized by an absolutely comfortable and glare-free distribution. The on-site zoom setting allows to shorten lighting design times because it allows to optimize the beam width according to the real impact of the subject in the scene. In the image you can see the light accent focused on the architectural element of the balcony.



Flower ZOOM 45°
Wide beam
for more diffused light

In Flood 45° mode, Flower Zoom succeeds to involve a very wide scene without defining a focal point but distributing the light extremely evenly on the surface. It is the ideal solution for illuminating large surfaces, urban contexts, green areas, trees and shrubs subject to change over time. The gradual adjustment that brings the beam from 15°- to 45°- and vice versa is always possible and takes place with a simple manual rotation of the front bezel. The image shows a more distributed illumination on the entire facade.



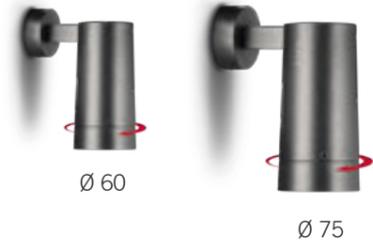
Pole Ø 38 for Flower
Ø 60 for Flower Zoom



Flower
Wall



Flower ZOOM
Wall



Flower ZOOM
Arm



Flower
Arm



Variety in applications

All the Flower family variants can be used for wall applications, on stake, as bollard, with arm and on pole. The great flexibility of the application lead to satisfy multiple design needs.

Flower
Stake



Flower ZOOM
Stake



Flower
Bollard



Flower ZOOM
Bollard

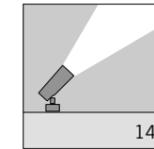
FLOWER 25
Tilttable projector with fixed optic



Flower
on wall

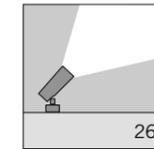
Flower and Flower Zoom are designed to be placed in architectural and landscape exteriors.

The whole range in 4 versions is conceived to be installed on wall, on ground with a stake or directly to the pole. Thanks to their material finishes and natural colors, Flower and Flower Zoom disappear in any context, easily anchoring to facades, pergolas and gazebos. A camouflage of shapes and colors to enhance the scene with light, disappearing as a whole.



S.1600W
1 HIGH-POWER LED **3000K** CRI90 202lm
Rated luminaire luminous flux 160lm
Rated input power 3,0W **24V DC**
Computer-simulated photometrics

h(m)	14° Ø(m)	3000K E(lx)
1	0.25	1884
2	0.49	471
3	0.74	209
4	0.98	118
5	1.23	75



S.1601W
1 HIGH-POWER LED **3000K** CRI90 202lm
Rated luminaire luminous flux 143lm
Rated input power 3,0W **24V DC**
Computer-simulated photometrics

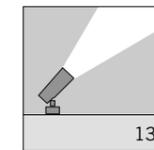
h(m)	26° Ø(m)	3000K E(lx)
1	0.45	581
2	0.91	145
3	1.36	65
4	1.82	36
5	2.27	23

Color Temperature available on request with no surcharge: 2700K, 4000K
Beam lenses available on request with no surcharge: 63°
Requires constant voltage remote power supply 24V DC



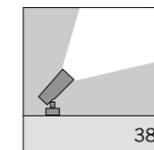
S.1608
VISOR for FLOWER 25
Colour: black (cod .09)

FLOWER 35
Tilttable projector with fixed optic



S.1620W
1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 343lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics

h(m)	13° Ø(m)	3000K E(lx)
1	0.23	3810
2	0.46	953
3	0.68	423
4	0.91	238
5	1.14	152



S.1621W
1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 258lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics

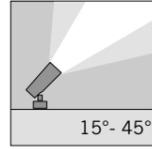
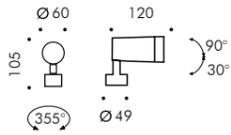
h(m)	38° Ø(m)	3000K E(lx)
1	0.69	642
2	1.39	161
3	2.08	71
4	2.77	40
5	3.46	26

Color Temperature available on request with no surcharge: 2700K, 4000K
Beam lenses available on request with no surcharge: 24°
Requires constant voltage remote power supply 24V DC



S.1628
VISOR for FLOWER 35
Colour: black (cod .09)

FLOWER ZOOM 60
Tilttable projector with adjustable optic



S.1650W
1 HIGH-POWER LED **3000K** CRI90 860lm
Rated luminaire luminous flux 630lm
Rated input power 10W **24V DC**
Computer-simulated photometrics

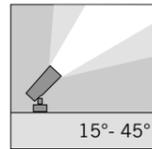
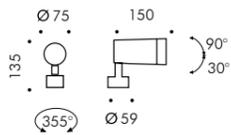
**Color Temperature available on request with no surcharge:
2700K, 4000K**

Requires constant voltage remote power supply 24V DC



S.1658
VISOR for FLOWER ZOOM 60
Colour: black (cod .09)

FLOWER ZOOM 75
Tilttable projector with adjustable optic



S.1660W
1 HIGH-POWER LED **3000K** CRI90 1293lm
Rated luminaire luminous flux 945lm
Rated input power 14,3W
220V-240V AC 50/60Hz Non Dimmerabile
Computer-simulated photometrics

**Color Temperature available on request with no surcharge:
2700K, 4000K**



S.1668
VISOR for FLOWER ZOOM 75
Colour: black (cod .09)

Colors

- .07 Dark green
- .20 Burnished bronze
- .24 Anthracite grey

IP protection

IP66

Insulation class

CLASS III ⚡
CLASS I ⚡ FLOWER ZOOM 75

Mechanical resistance

IK 07



"Villa Fioralisse" hotel and restaurant, Gardone Riviera, Italy © ph. Mario Bertani

Flower on pole

Micro spotlights in four sizes for pole application

Flower and Flower ZOOM
pole attached are flexible and
innovative lighting solutions to
light up green areas, bushed and
walkways.



POLES FOR FLOWER 25 AND FLOWER 35

SIMES

POLE Ø38 FOR FLOWER

S.2805

Ø 38 mm CYLINDRICAL POLE
Pole total height 3000mm



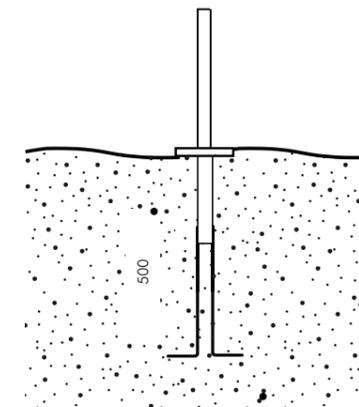
FLOWER 25 and FLOWER 35
can be installed directly on poles with
diameter from Ø38mm to Ø60mm.



Ø 25



Ø 35



FLANGE FOR POLE Ø38

S.2806

PLANTED ROOT FOR S.2805
Pole total height 1000mm
To be buried for 500mm



POLE Ø60 FOR FLOWER ZOOM

S.2807

Ø 60 mm CYLINDRICAL POLE
Pole total height 3500mm

Flower ZOOM can be installed on poles
Ø60/76mm using the pole adaptors.

Code S.1657 for Flower ZOOM 60 mm
Code S.1667 for Flower ZOOM 75 mm



S.1657

**FLANGE FOR POLE Ø60/76mm
INSTALLATION**

Flange in die-cast aluminium
for FLOWER ZOOM 60
Colour: black (cod .09)



Ø 60



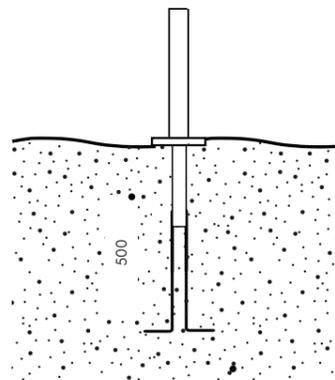
S.1667

**FLANGE FOR POLE Ø60/76mm
INSTALLATION**

Flange in die-cast aluminium
for FLOWER ZOOM 75
Colour: black (cod .09)



Ø 75



ROOT FOR POLE Ø60

S.2808

PLANTED ROOT AS ACCESSORY
Pole total height 1000mm
To be buried for 500mm



Private villa, Italy - Arch. Varschi, Geom. Berlandis © ph. Mario Bertani

Flower on stake

A simple solution for garden installation

The stake version is very easy to install: it is possible to apply Flower directly into the green, to light up the surrounding area.



STAKE FOR FLOWER



S.1609
STAKE for FLOWER 25 and FLOWER 35
in polypropylene for temporary applications.

FLOWER 25 and FLOWER 35 can be installed on the stake S.1609 for the ground application.



STAKE FOR FLOWER ZOOM



S.1659
STAKE for FLOWER ZOOM 60 and FLOWER ZOOM 75
in polypropylene for temporary applications.

FLOWER ZOOM 60 and FLOWER ZOOM 75 can be installed on the stake S.1659 for the ground application.





Flower bollard with stake

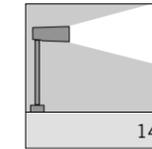
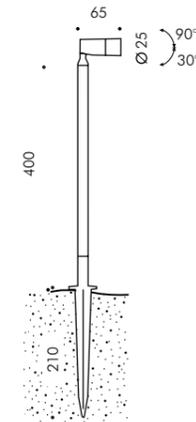
A thin stem to simulate the shapes of nature.

The pole version stands out for its graceful and slender design camouflaging inside flower boxes, flowerbeds, bushes and shrubs. Flower and Flower ZOOM combine aesthetics with lighting performances that are further expanded by the possibility of changing the beam width with the ZOOM version.



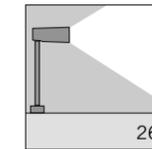
FLOWER 25 BOLLARD INCLUDING STAKE

Flower 25
Fix optic



S.1610W
1 HIGH-POWER LED **3000K** CRI90 202lm
Rated luminaire luminous flux 160lm
Rated input power 3,0W **24V DC**
Computer-simulated photometrics
Stake included

h(m)	Ø(m)	3000K E(lx)
1	0.25	1884
2	0.49	471
3	0.74	209
4	0.98	118
5	1.23	75



S.1611W
1 HIGH-POWER LED **3000K** CRI90 202lm
Rated luminaire luminous flux 143lm
Rated input power 3,0W **24V DC**
Computer-simulated photometrics
Stake included

h(m)	Ø(m)	3000K E(lx)
1	0.45	581
2	0.91	145
3	1.36	65
4	1.82	36
5	2.27	23

Color Temperature available on request with no surcharge: 2700K, 4000K
Beam lenses available on request with no surcharge: 63°

Requires constant voltage remote power supply 24V DC

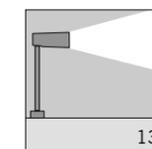
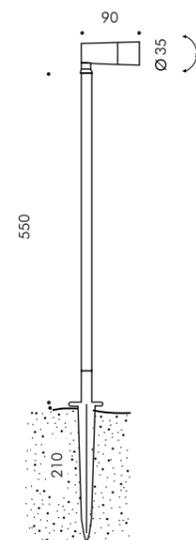
S.1608

VISOR for FLOWER 25
Colour: black (cod .09)



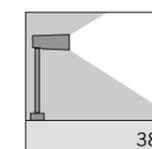
FLOWER 35 BOLLARD INCLUDING STAKE

Flower 35
Fix optic



S.1630W
1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 343lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics
Stake included

h(m)	Ø(m)	3000K E(lx)
1	0.23	3810
2	0.46	953
3	0.68	423
4	0.91	238
5	1.14	152



S.1631W
1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 258lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics
Stake included

h(m)	Ø(m)	3000K E(lx)
1	0.69	642
2	1.39	161
3	2.08	71
4	2.77	40
5	3.46	26

Color Temperature available on request with no surcharge: 2700K, 4000K
Beam lenses available on request with no surcharge: 24°

Requires constant voltage remote power supply 24V DC

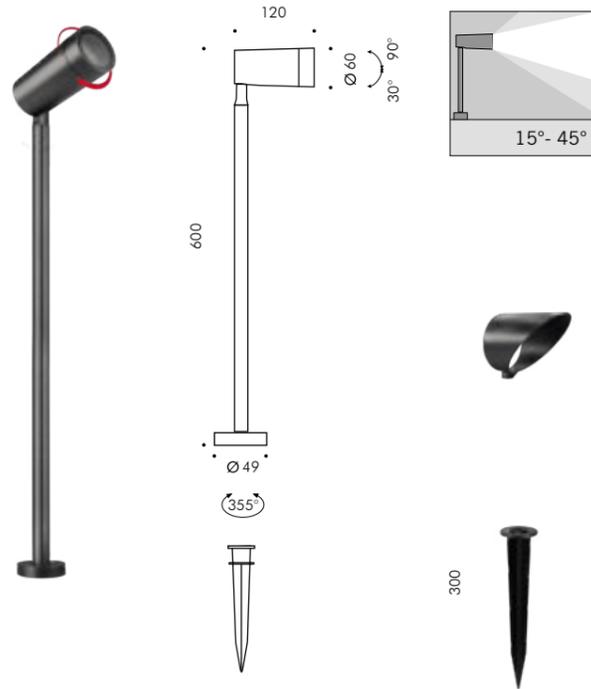
S.1628

VISOR for FLOWER 35
Colour: black (cod .09)



FLOWER ZOOM 60 ARM (Bollard version with stake accessory)

Flower ZOOM 60
with adjustable optic



S.1655W

1 HIGH-POWER LED **3000K** CRI90 860lm
Rated luminaire luminous flux 630lm
Rated input power 10W **24V DC**
Computer-simulated photometrics

Color Temperature available on request with
no surcharge: **2700K, 4000K**

Requires constant voltage remote power
supply **24V DC**



S.1658

VISOR for FLOWER ZOOM 60
Colour: black (cod .09)



S.1659

STAKE for FLOWER ZOOM 60 and FLOWER
ZOOM 75
in polypropylene for temporary applications.



Private villa, Italy - Arch. Vareschi, Geom. Bertoldi © ph. Marco Bertani

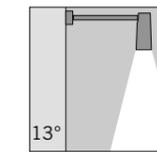
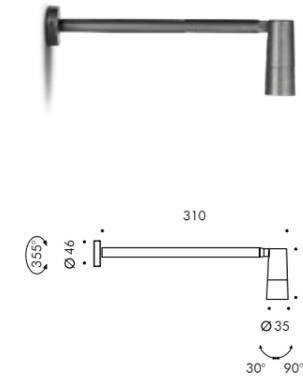


Flower with arm

Thin, elegant end invisible in facade

Designed specifically for facade lighting of signs, architectural elements, vertical gardens, Flower and Flower ZOOM with arm meet specific design needs with well-defined light effects with narrow and medium beam (Flower 35) or modular beam (Flower ZOOM 60). Both Flower and Flower Zoom can also be anchored to the floor and be used as a thin adjustable bollard.

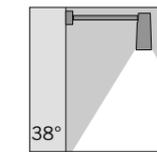
FLOWER 35 WITH ARM Tilttable projector with fixed optic



S.1625W

1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 343lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics

h(m)	Ø(m)	E lx
1	0.23	3810
2	0.46	953
3	0.68	423
4	0.91	238
5	1.14	152



S.1626W

1 HIGH-POWER LED **3000K** CRI90 501lm
Rated luminaire luminous flux 258lm
Rated input power 6,0W **24V DC**
Computer-simulated photometrics

h(m)	Ø(m)	E lx
1	0.69	642
2	1.39	161
3	2.08	71
4	2.77	40
5	3.46	26

Color Temperature available on request with no surcharge: **2700K, 4000K**
Beam lenses available on request with no surcharge: **24°**

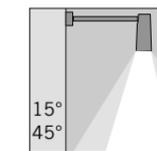
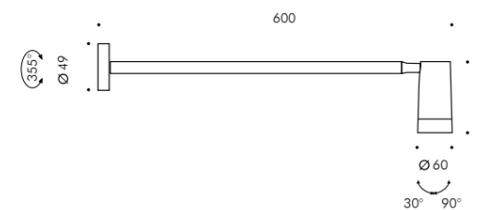
Requires constant voltage remote power supply **24V DC**



S.1628

VISOR for FLOWER ZOOM 35
Colour: black (cod .09)

FLOWER 60 ZOOM WITH ARM Tilttable projector with adjustable optic



S.1655W

1 HIGH-POWER LED **3000K** CRI90 860lm
Rated luminaire luminous flux 630lm
Rated input power 10W **24V DC**
Computer-simulated photometrics

Color Temperature available on request with no surcharge: **2700K, 4000K**

Requires constant voltage remote power supply **24V DC**



S.1658

VISOR for FLOWER ZOOM 60
Colour: black (cod .09)



"Le 3 di Tuscino" hotel, Polignano a Mare, Italy - Arch. M+T Architects © I Talamona Snc - Ph. M+T Architects



SIMES

luce per l'architettura

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