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Versatility of
Functions
and Design

V

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selux



The three design lines 02 – 09

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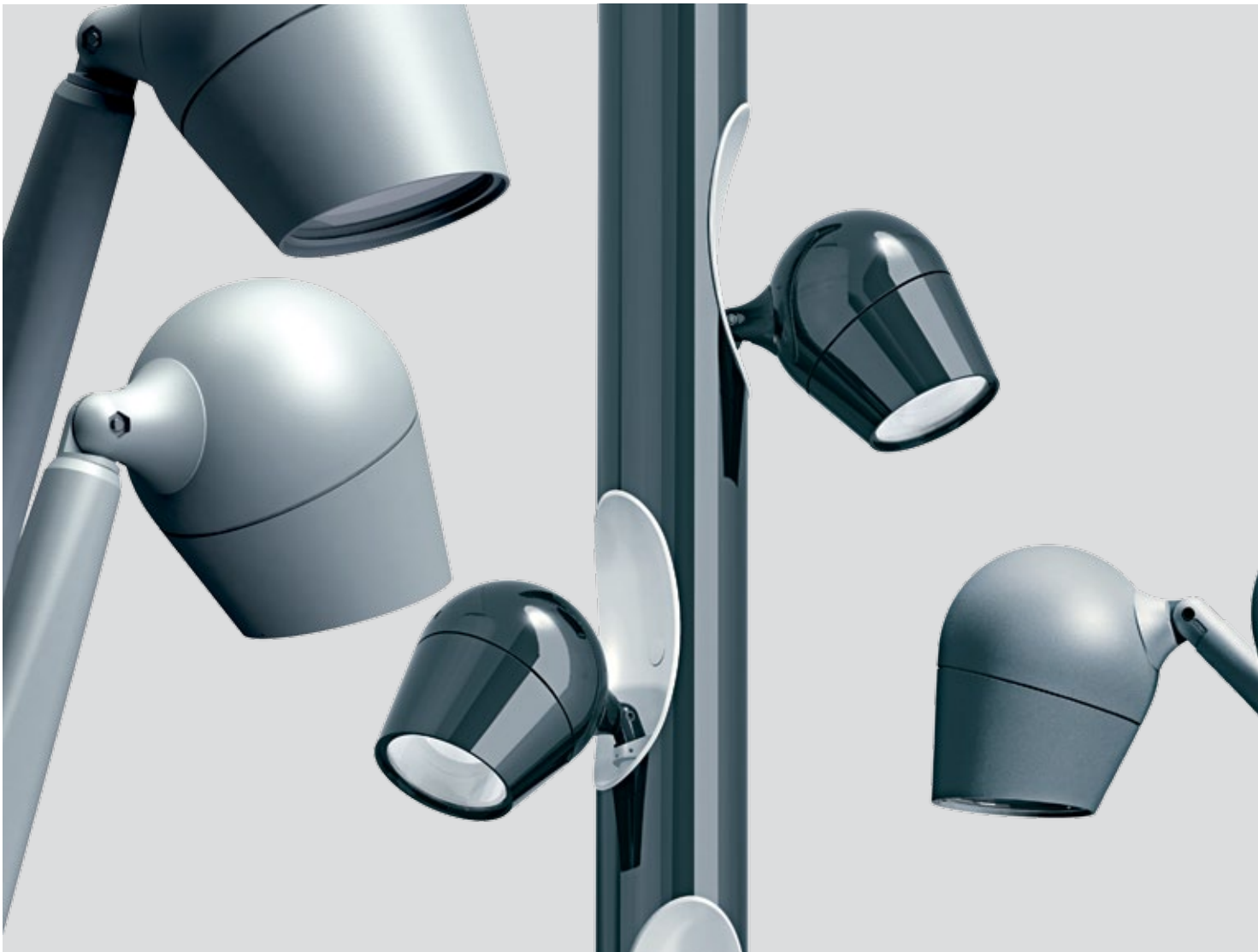
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Colours → see cover


V E R S A T

F U N C T I

and **D E S I G**



I L L I T Y of O N S N

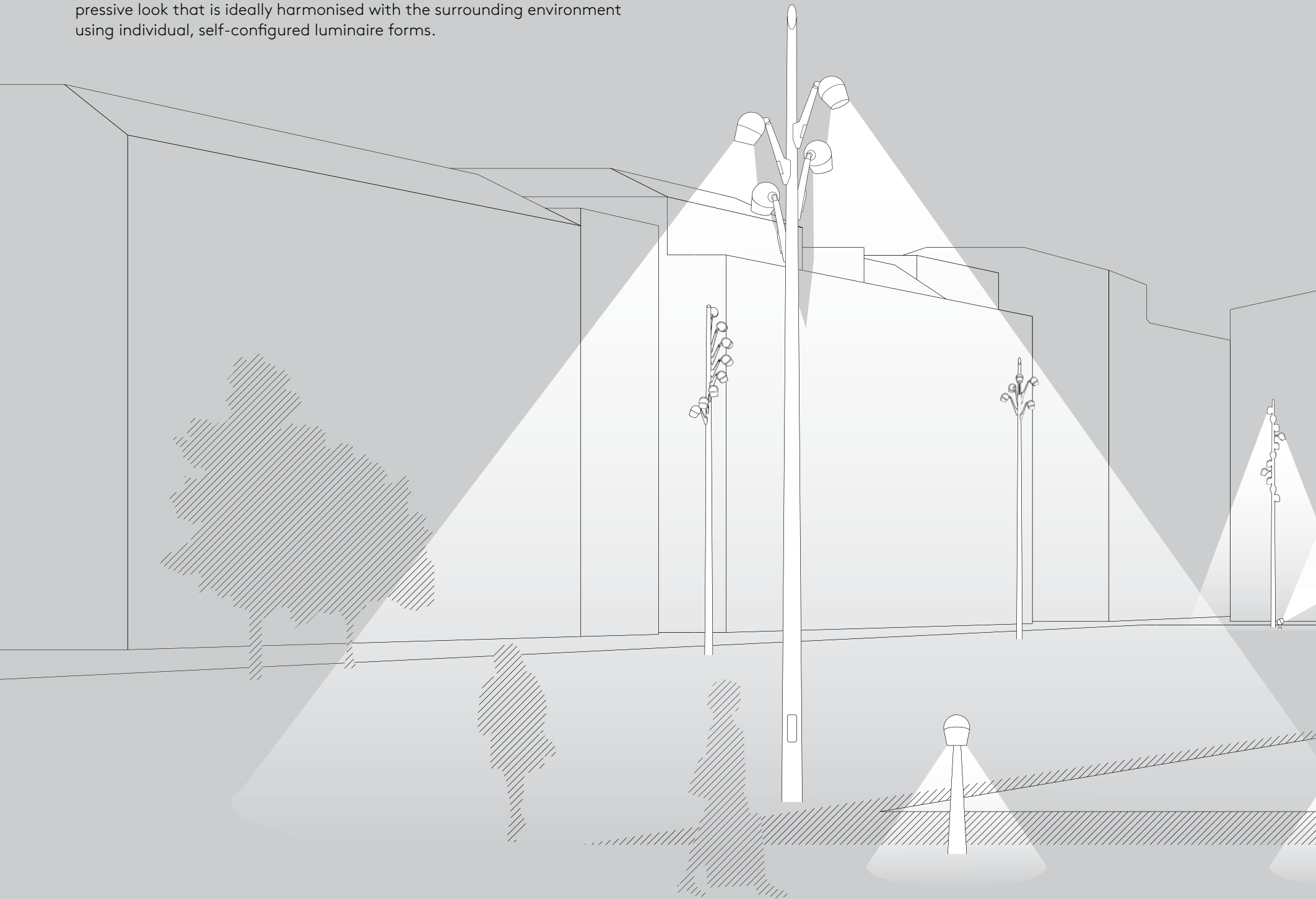


Three design lines — Olivio offers a wide range of options for realising impressive and efficient lighting concepts and individual design solutions in urban living spaces. The versatility of the product family makes possible a wide variety of both practical and atmospheric lighting scenarios.

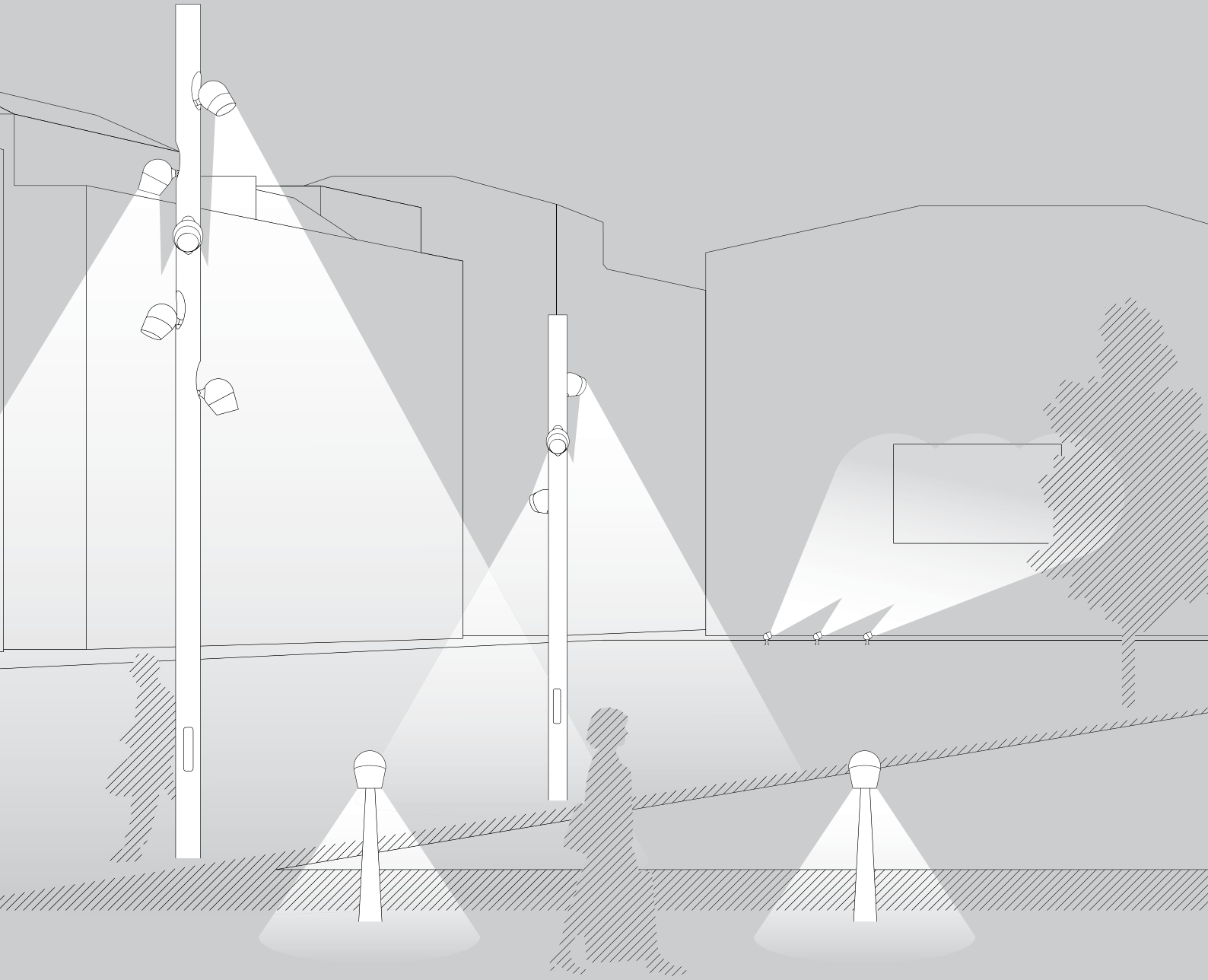
Three design lines, one common aspect — creativity.

Olivio delivers the right solution for all outdoor areas, with the three Olivio design lines – Sistema, Floracion and Candelabra – guaranteeing versatility. Each design line offers its own options, enabling planners to create an impressive look that is ideally harmonised with the surrounding environment using individual, self-configured luminaire forms.

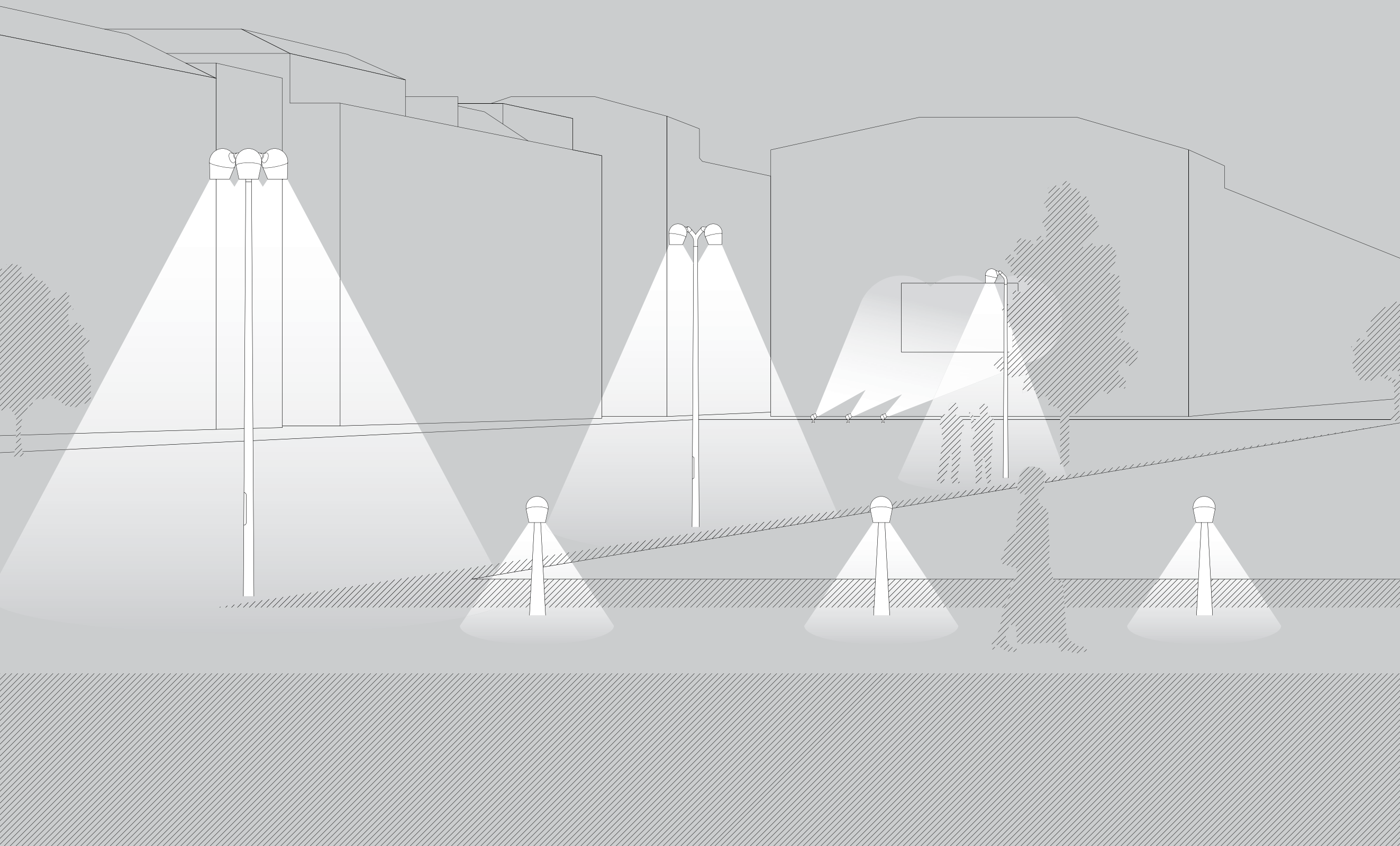
Sistema



Floracion



Candelabra







Simple. Sophisticated. Modular. — Maximum scope for design. Three luminaire heads with various optics systems form the basis for a broad range of lighting technology applications, as well as a selection of brackets and pole types for individual combinations.

**O L I V I O
S I S T E M**



A

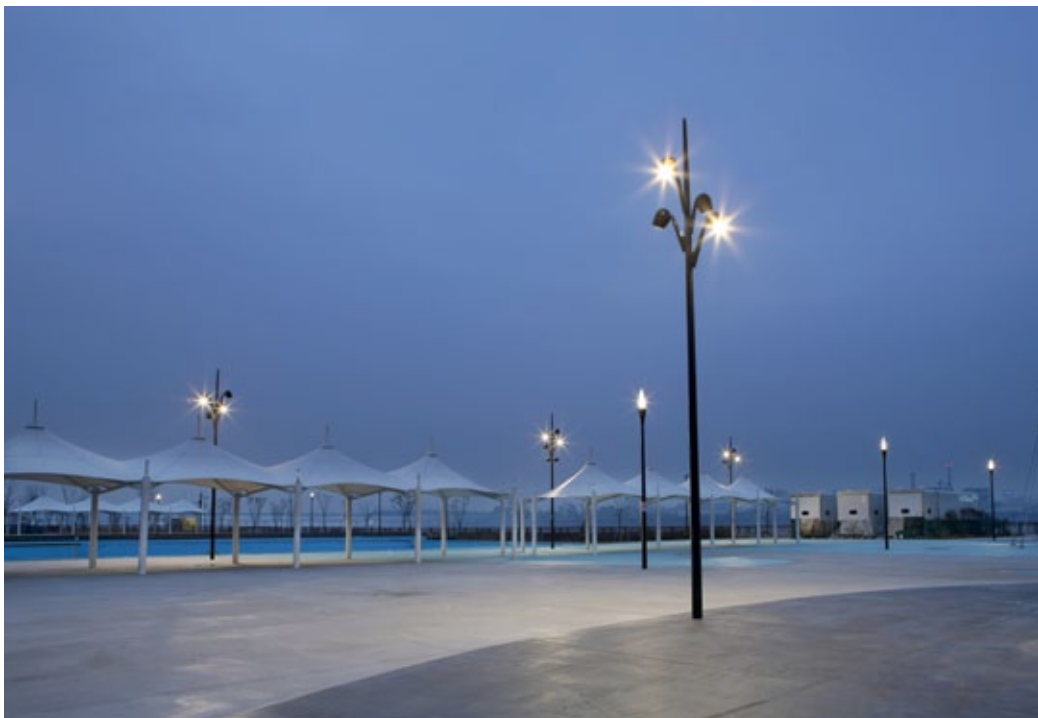
Concise: Olivio Sistema — Olivio Sistema is a highly-expressive luminaire that attractively places visual emphasis.

With Olivia Sistema, luminaire heads can be arranged between 0° and 360° around the pole – on single or staggered levels. Pole heights of up to 12 m, three different arm types and two sizes of the luminaires mean there is plenty of scope for design, enabling individual luminaire shapes to be created.



Olivio Sistema — Old harbour Marseille, France







Olivio Sistema — Place d'Allier Moulins, France

12

11

10

9

8

7

6

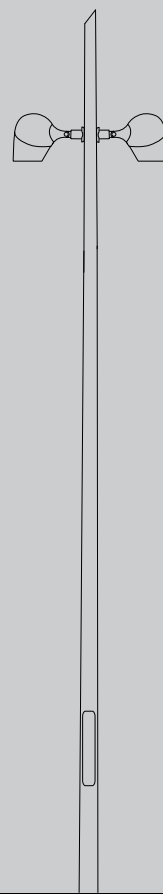
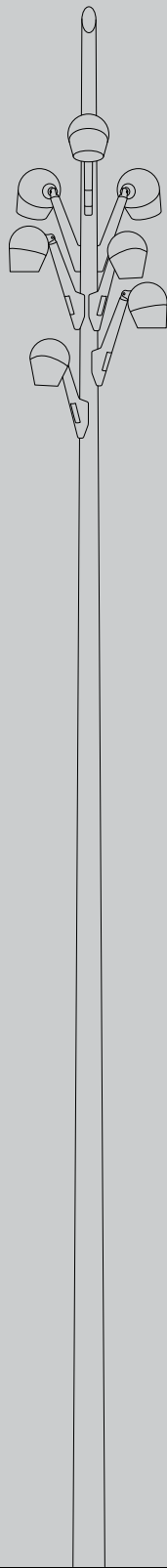
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4

3

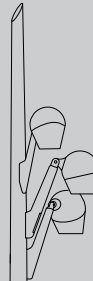
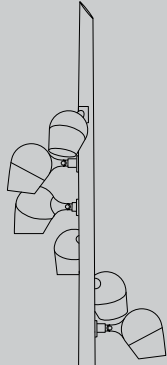
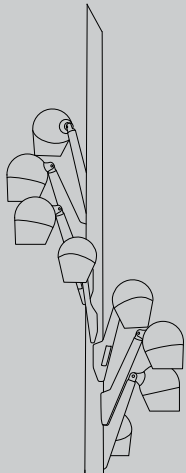
2

1m



On various staggered levels, 360°,
8-fold, Sistema 1 bracket,
Olivio Grande

On one single level, 120°,
2-fold, Sistema 3 bracket,
Olivio Medio



On various staggered levels, 360°,
8-fold, Sistema 1 bracket,
Olivio Grande

On various staggered levels, 216°,
6-fold, Sistema 3 bracket,
Olivio Grande

On various staggered levels, 90°,
3-fold, Sistema 2 bracket,
Olivio Medio



Sistema 1



Sistema 2



Sistema 3

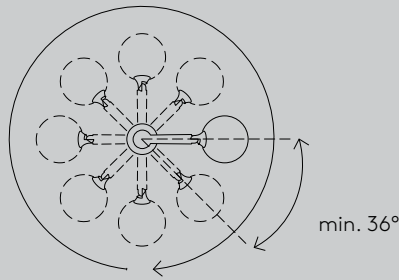
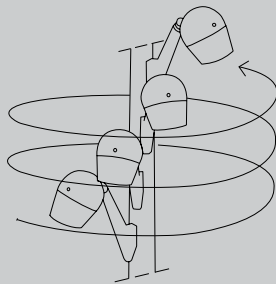
Olivio Sistema — your desired configuration in just a few minutes.

1-Select arrangement

Freely selectable arrangement around the pole's axis at between 0° and 360°.

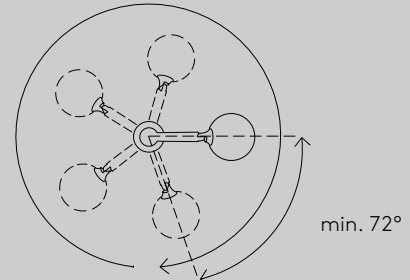
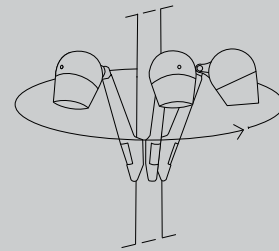
On various staggered levels

Min. angle between luminaire heads 36°.



On one a single level

Min. angle between luminaire heads 72°.



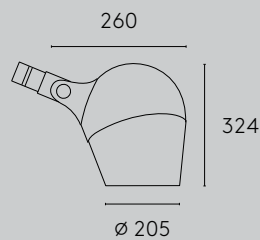
2-Determine pole height

12,000 mm – 4,800 mm, taller poles available on request

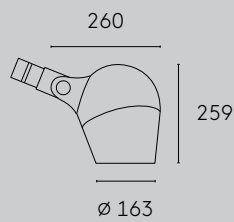
3-Luminaire heads & lighting technology

Select size and number

Grande



Medio



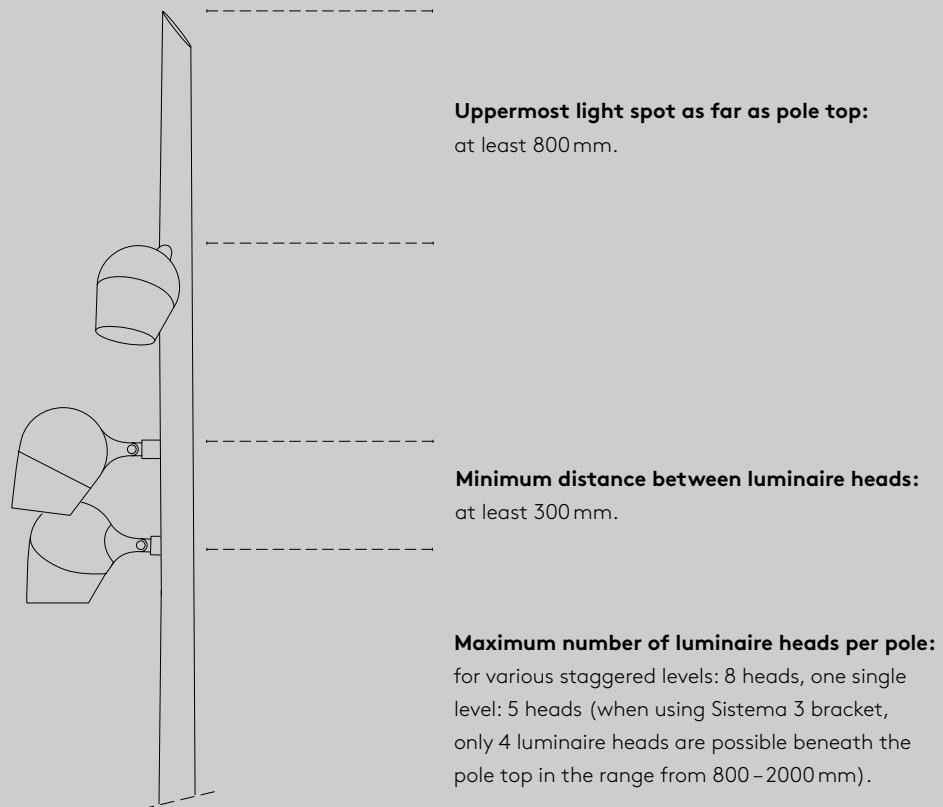
For detailed information, see page 40

4 – Select bracket

Sistema 1	Sistema 2	Sistema 3
a: 629 mm, b: 275 mm	a: 507 mm, b: 214 mm	a: 115 mm, b: 65 mm (Piccolo) a: 115 mm, b: 80 mm (Grande, Medio)

5 – Define light spot heights

The luminaire head joint serves as a reference when determining the light spot height.



6 – Select colour

Selux Graphite or special finish → see cover

**O L I V I O
F L O R A C**



I O N

Lively: Olivio Floracion — This configuration results in a floral yet lively effect. The elegant Olivio design line will inspire without being overly obtrusive – enabling targeted design of public spaces.

With the Olivio Floracion, pole and luminaire are directly combined with one another. Its independent character is emphasised by the different luminaire head arrangement variants – from 360° full radial to 160° half radial and quarter radial 90°. The various colour combinations for luminaire head, pole and inlay result in further exciting design-enhancing options.



Olvio Floracion — Park am Gleisdreieck Berlin, Germany







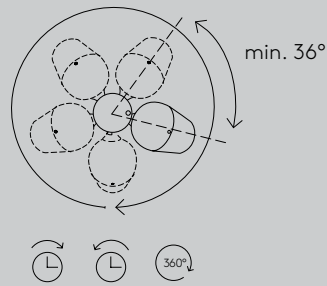
Olivio Floracion — Park am Gleisdreieck Berlin, Germany

Olivio Floracion – your desired configuration in just a few minutes.

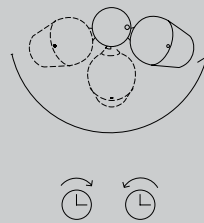
1 – Select arrangement

Arrangement on various staggered levels. Min. angle between luminaire heads 36°.

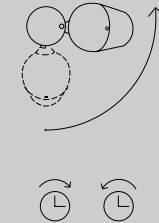
Full radial 360°



Half radial 160°



Quarter radial 90°

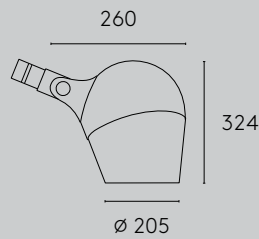


2 – Determine pole height

12,000 mm – 4,800 mm, taller poles available on request

3 – Select lighting technology

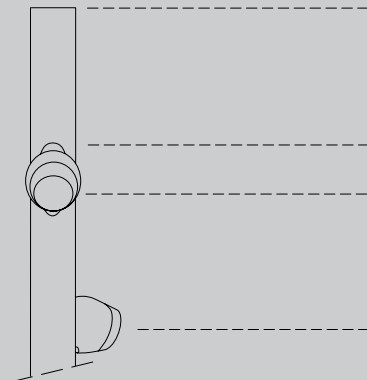
Grande



For detailed information, see page 40

4 – Define light spot heights

The luminaire head joint serves as a reference when determining the light spot height.



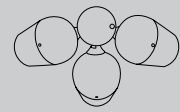
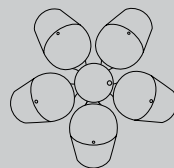
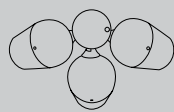
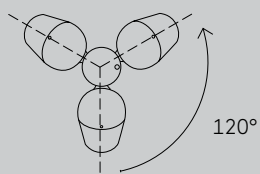
Uppermost light spot as far as pole top:
at least 800 mm

Minimum distance between luminaire heads:
at least 600 mm

Maximum number of luminaire heads per pole: 8 heads

5 – Select colour

Selux Graphite or special finish for pole, inlay and heads → see cover



O L I V I O

C A N D E L



A B R A

Charming: Olivio Candelabra — Olivio Candelabra is the most reserved design line in the Olivio luminaire family. This graceful luminaire concept enables harmonious and discreet emphasis of urban living spaces.

Single, double or triple: The Olivio Candelabra too can also be arranged in different variants depending on the pole and luminaire head combination.

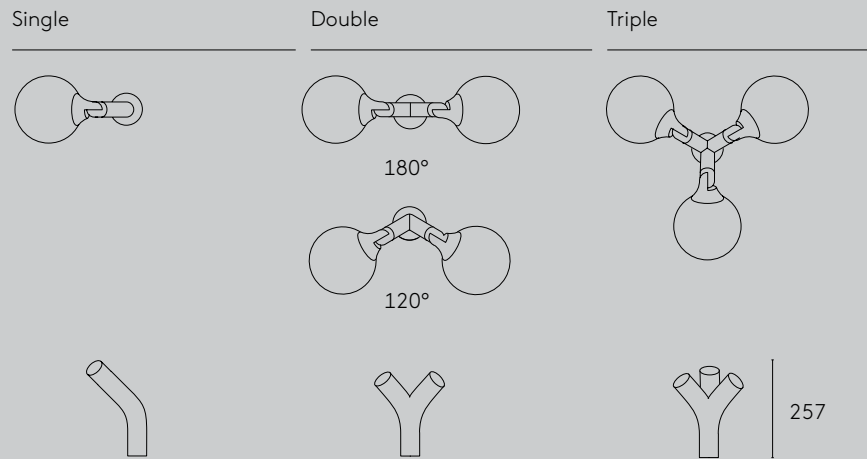


Olivio Candelabra — Museum für historische Maybach Fahrzeuge Neumarkt, Germany



Olivio Candelabra – your desired configuration in just a few minutes.

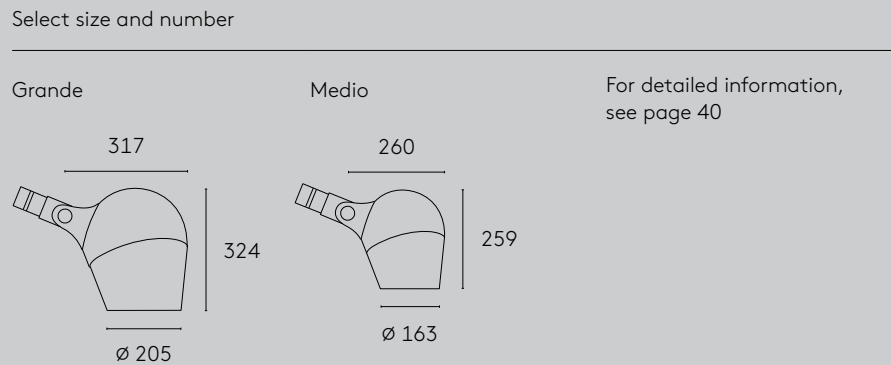
1 – Select bracket & arrangement



2 – Determine pole height

4,500 mm – 3,500 mm, pole and bracket are delivered as a unit.

3 – Luminaire heads & lighting technology



4 – Select colour

Selux Graphite or special finish → see cover

6

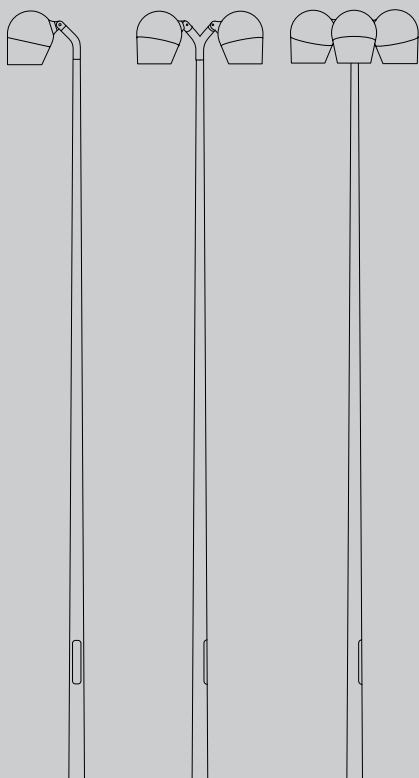
5

4

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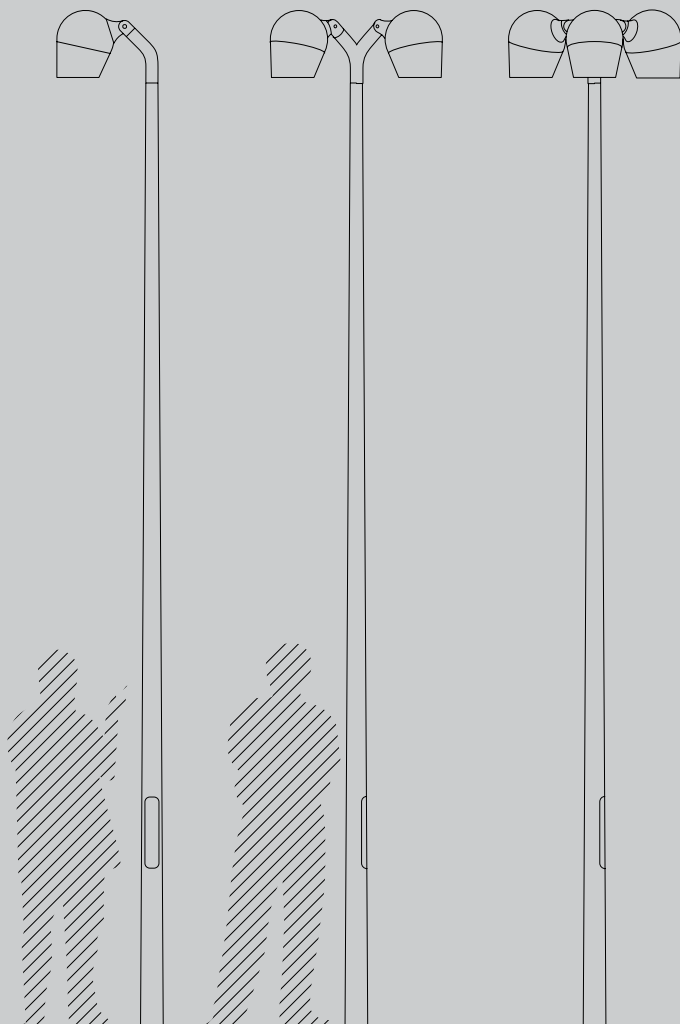
1m



Single,
Medio

Double,
Medio

Triple,
Medio

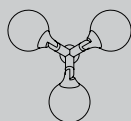


Single,
Grande

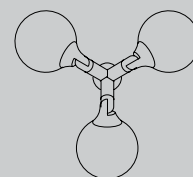
Double,
Grande

Triple,
Grande

365



440



Grande, Medio, Piccolo – Olivio luminaire heads form the basis for versatile configuration options. They are available in three sizes - Grande, Medio and Piccolo – including various optics for high-performance LED and high-pressure discharge lamps. This guarantees effective spotlighting of facades, squares and sculptures as well as efficient illumination of roads and pavements.

T H E

L U M I N A

H E A D S



I R E

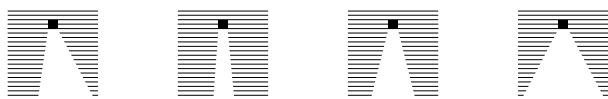
Olivio luminaire heads

high pressure die-cast aluminium · adjustable head joint · planar safety glass · Selux Graphite or special finish

Asymmetrical or rotation-symmetrical optics for roads and pathways and highlighting for horizontal and vertical lighting tasks

White LED version up to 85 lm/W

can be combined with Olivio system poles and brackets



Asymm. Spot Medium Flood

LED

Grande	—	53W	53W	53W
Medio	—	41W	41W	41W
Piccolo	—	24W	24W	24W

HID

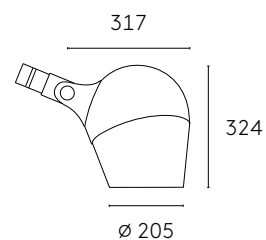
Grande	35 – 150W	35 – 150W	35 – 150W	35 – 150W
Medio	20 – 70W	20 – 70W	20 – 70W	20 – 70W
Piccolo	20 – 35W	20 – 35W	20 – 35W	20 – 35W

white 3000/4000K, RGBW or plain-colored
LED controls: DALI, dynamic, FIX, 1–10V, DMX (RGBW)

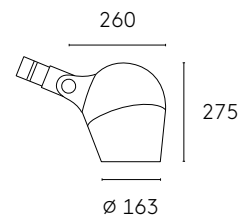
See website for details on all LED and HID luminaires.

Colours → see cover

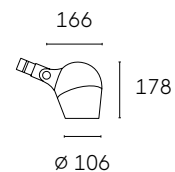
Grande



Medio



Piccolo





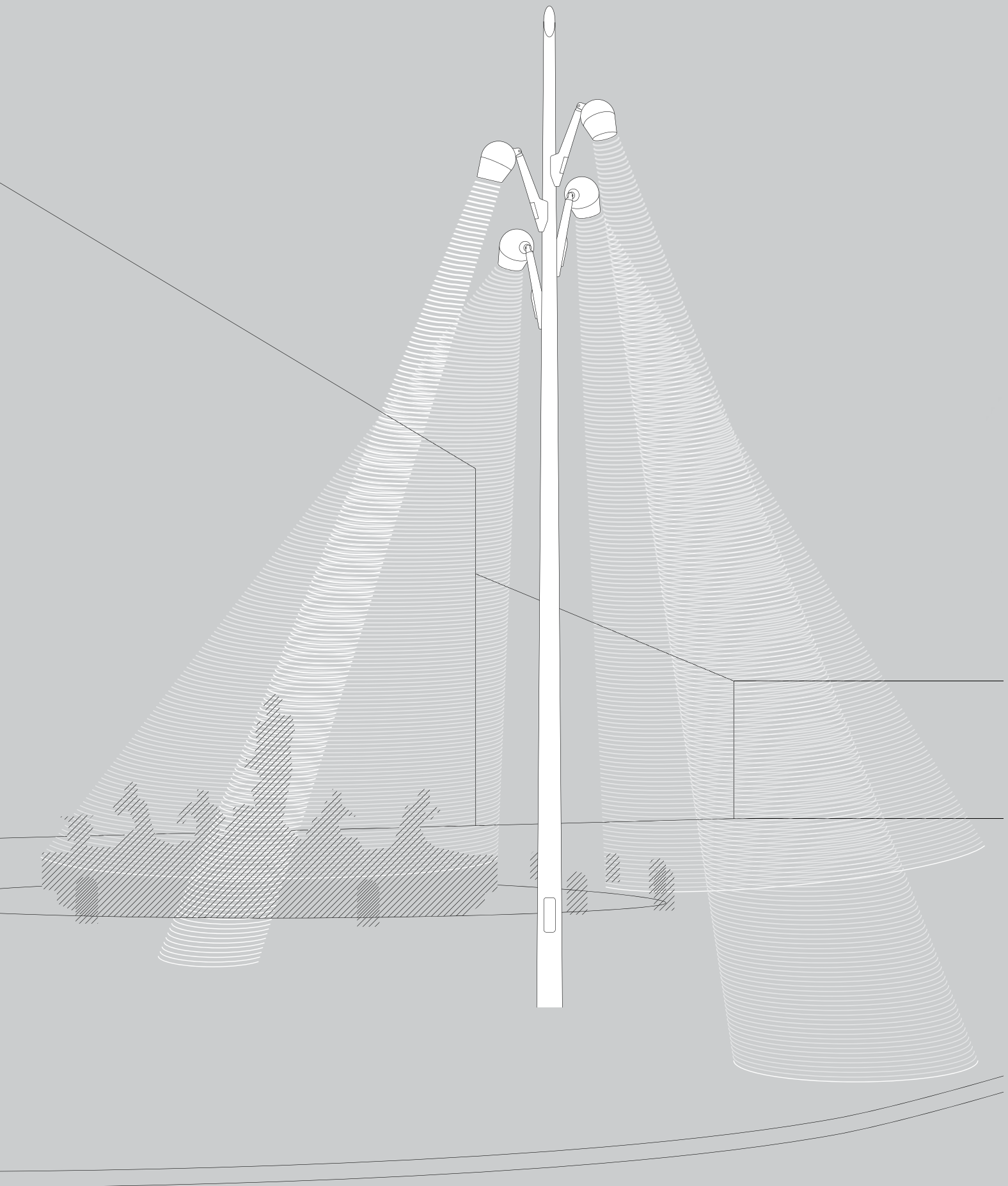
Grande



Medio



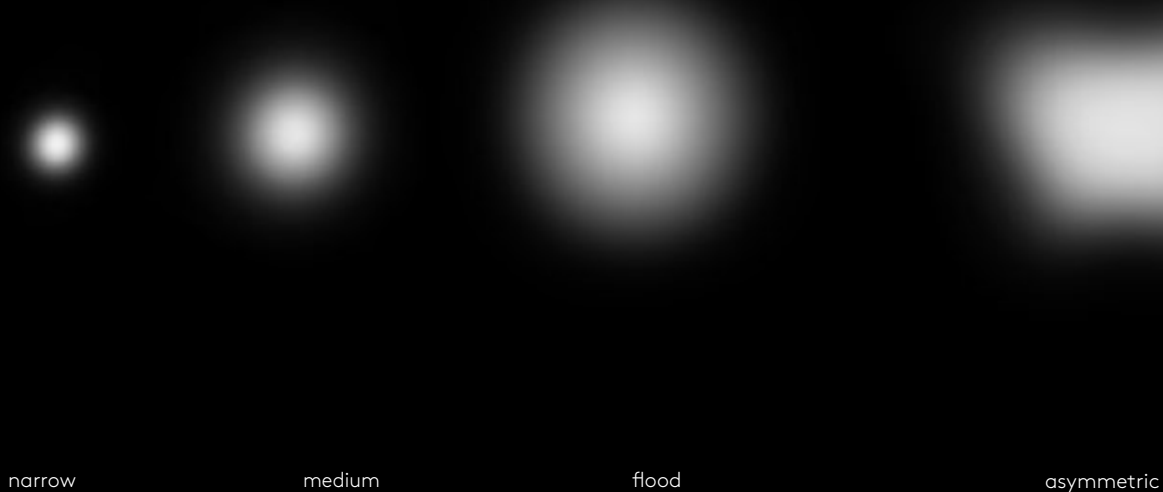
Piccolo



Light distribution

Olivio offers the optimum light distribution for all application areas – whether for linear lighting of pathways and service roads, illumination of large squares or precision beaming of objects requiring special emphasis such as monuments or landmarks.

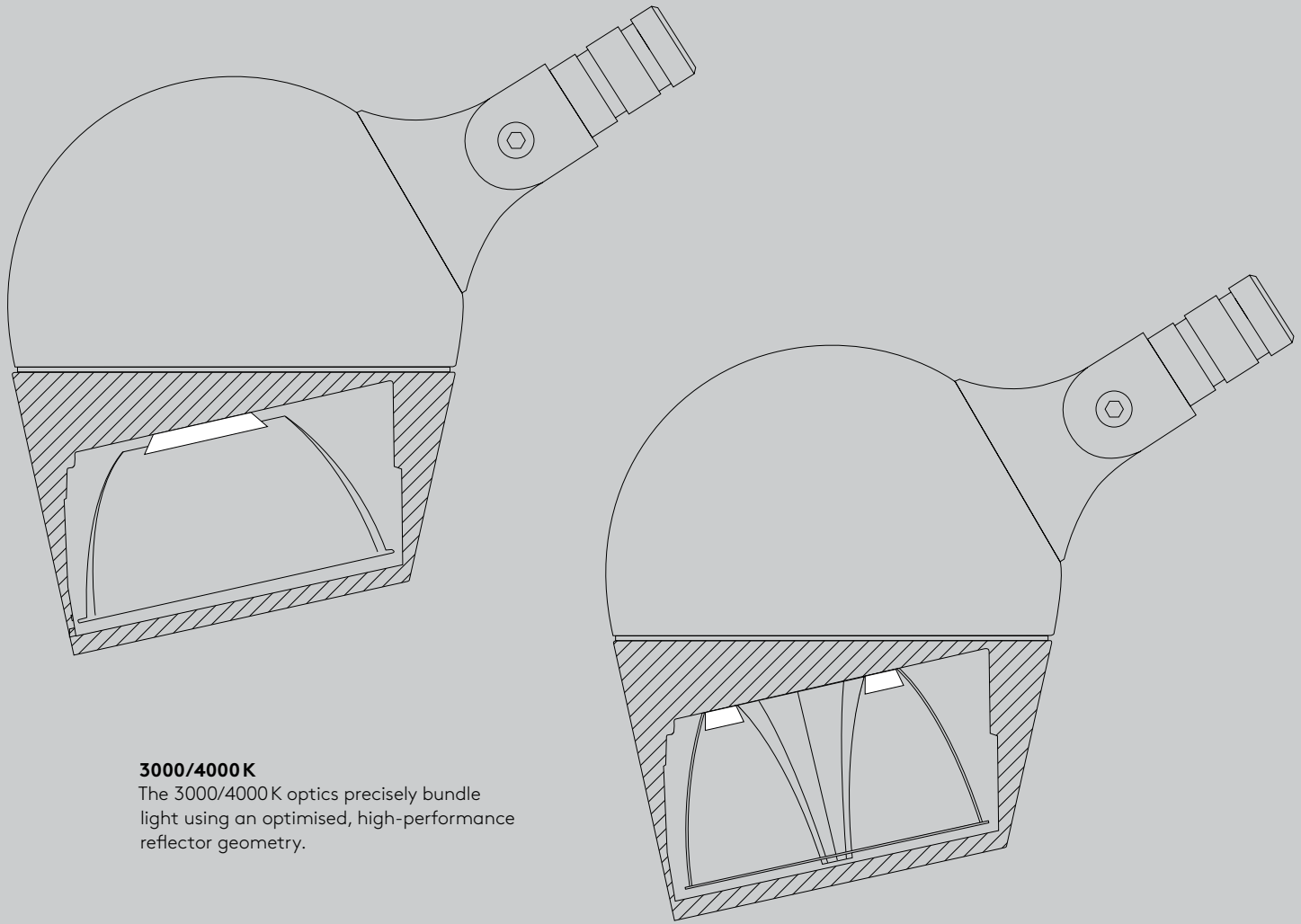
Various optimised optical geometries are available depending on the technical requirements and type of light generated.



		Half-value angle (typical)			
		narrow	medium	flood	asymmetric
LED		+/- 4,5°	+/- 20°	+/- 40°	—
HID		+/- 4°	+/- 20°	+/- 45°	Imax C45°/∅15°

The illustrations show rough half-value angles, representative of the light radiation characteristics available in all three sizes. In addition, optimised light-engineering accessories are available for the light generation method.

The optics are the key.



3000/4000K

The 3000/4000K optics precisely bundle light using an optimised, high-performance reflector geometry.

RGBW

RGBW optics are based on a ring-shaped arrangement of LEDs in a rotation-symmetric free from reflector – enabling precision colour mixing within the optical unit. Control of colours is via DMX or DALI protocol.

The right optics enable a light source to be used optimally and efficiently. The superior LED optics of Olivio luminaires are based on the best possible combination of LED module and reflector geometry. At the same time the light source's low position ensures a high level of glare control. A wide range of reflection angles are available with precision light distribution.

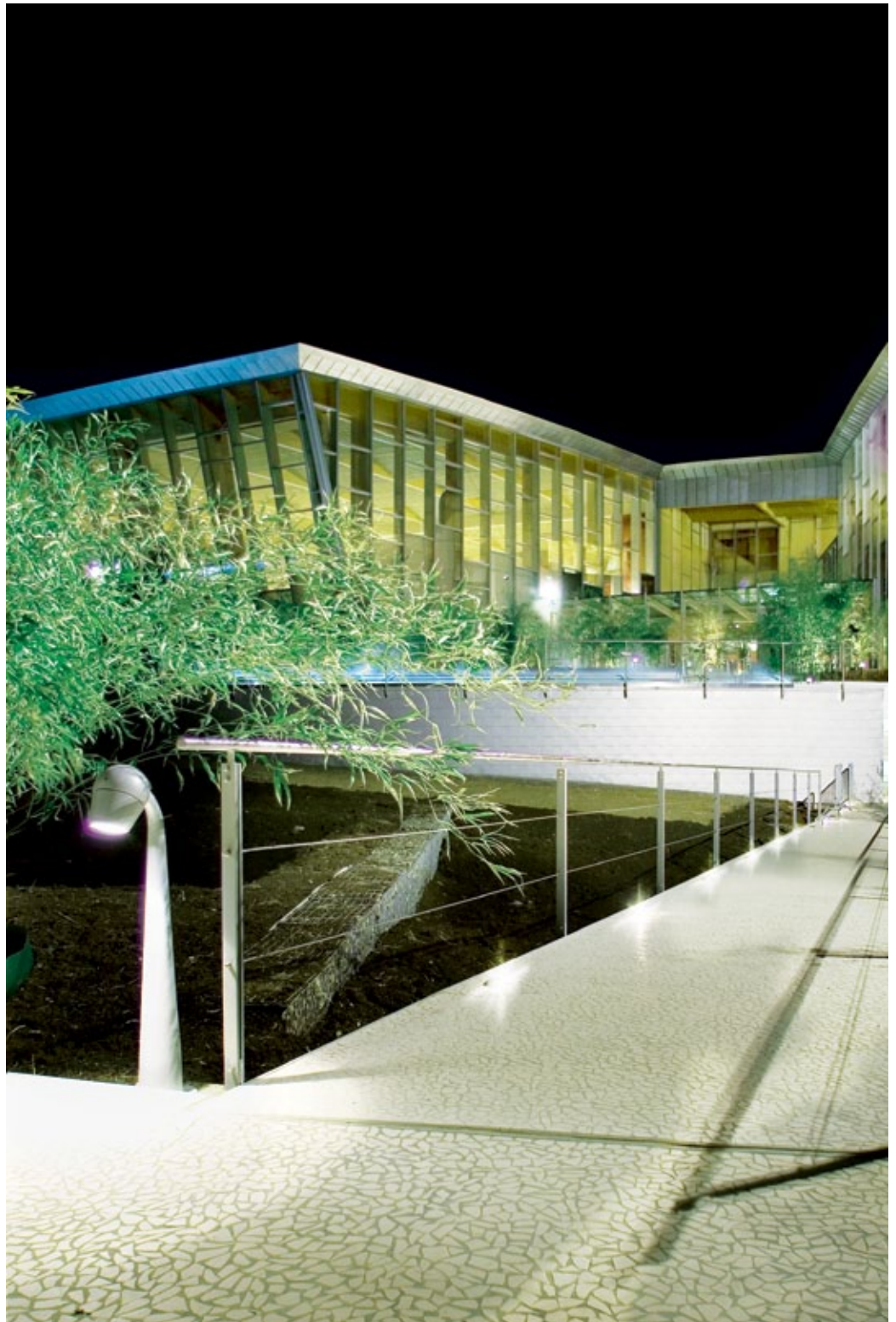


For holistic outdoor illumination — Everything is catered for. The Olivio luminaire family is completed by the Olivio Bollard and the Olivio Universal, a wall or floor-mounted luminaire. Olivio Universal is particularly suitable as a spotlight for targeted light settings.

O L I V I O

B O L L A R

& U N I V E



D

R S A L





Olivio Bollard

high pressure die-cast aluminum · planar safety glass · Selux Graphite
or special finish

high-performance mirror optics



asymm.

LED

Medio 41W
Piccolo 24W

HID

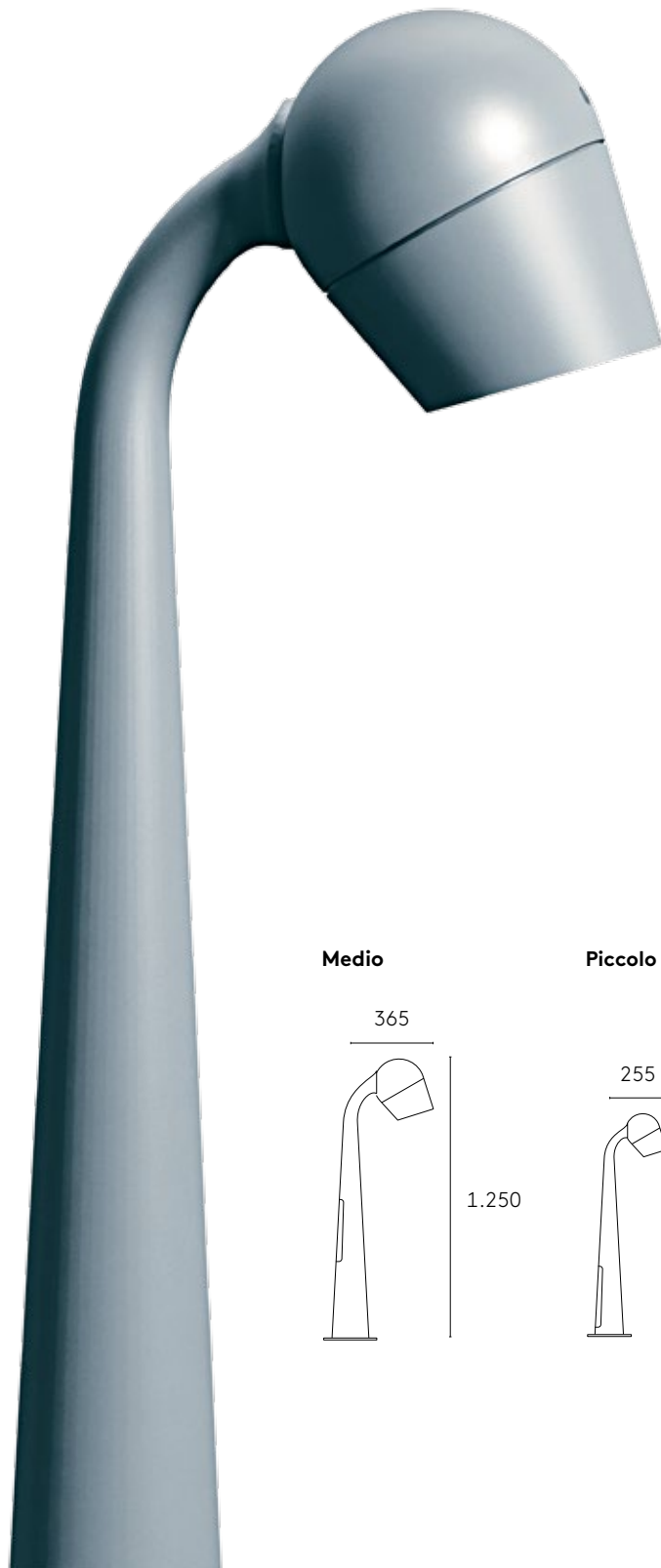
Medio 20 – 35W
Piccolo 20W

white 3000/4000K, plain-colored
LED controls: DALI, dynamic,
FIX, 1 – 10V, DMX (RGBW)

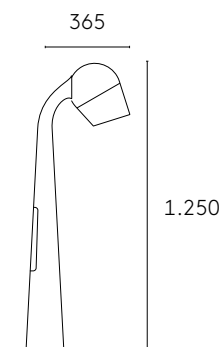
See website for details on all
LED and HID luminaires.

Colours → see cover

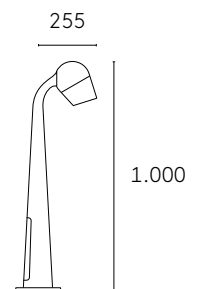
IP67 IK08   



Medio



Piccolo



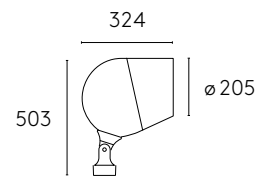
Olivio Universal

surface or buried base mounted fitting · high pressure die-cast aluminum
adjustable head joint · planar safety glass · Selux Graphite or special finish

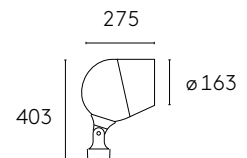
high-performance mirror optics for spotlighting



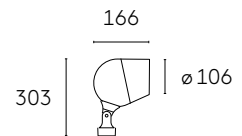
Grande



Medio



Piccolo



Spot Medium Flood

LED

Grande	53W	53W	53W
Medio	41W	41W	41W
Piccolo	24W	24W	24W

HID

Grande	35 – 150W	35 – 150W	35 – 150W
Medio	35 – 70W	35 – 70W	35 – 70W
Piccolo	20 – 35W	20 – 35W	20 – 35W

white 3000/4000K, RGBW or plain-colored
LED controls: DALI, dynamic, FIX , 1 – 10V,
DMX (RGBW)

See website for details on all LED and HID
luminaires

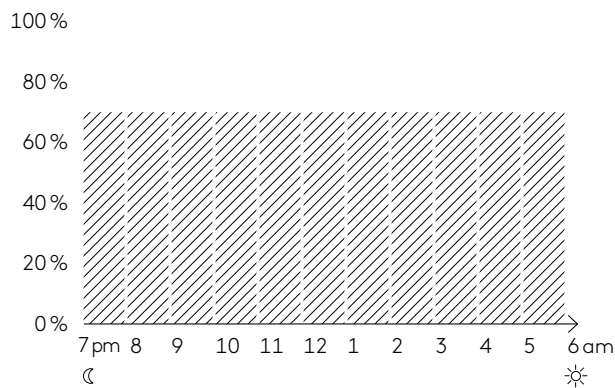
Colours → see cover

IP67  



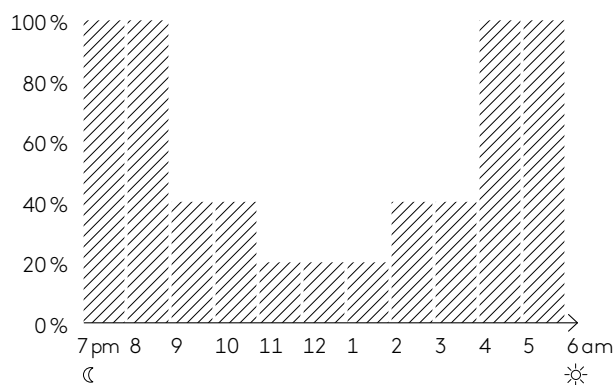
Save energy and costs with professional control

Olivio luminaires can be switched and dimmed using different interfaces. With intelligent controls the light can be manipulated individually and precisely in a way that would not be possible with conventional luminaire technology. This usage-based control reduces energy consumption, increases sustainability, lowers costs and optimizes the CO₂ footprint. Several control options are available on request: DALI, dynamic, 1–10V and fixed value.



Constant, low-power operation (fixed value)

The luminaire is operated constantly using only the power required for the application.



Dynamic, low-power operation

The luminaire can be operated at low power with up to five individually programmed values.

RGBW control

Olivio RGBW luminaires provide unlimited versatility of colour. Dynamic and static light scenes can be programmed and controlled via DALI or DMX.

The Selux Netcomposer can control up to 32 luminaires via DALI or up to 256 luminaires via DMX. Varying scenes and sequences can be programmed and recalled. Interfaces allow the use of conventional pushbuttons or touchpanels. Fingertip WIFI control is possible via smartphones or tablets using our lighting app for Android and iOS.



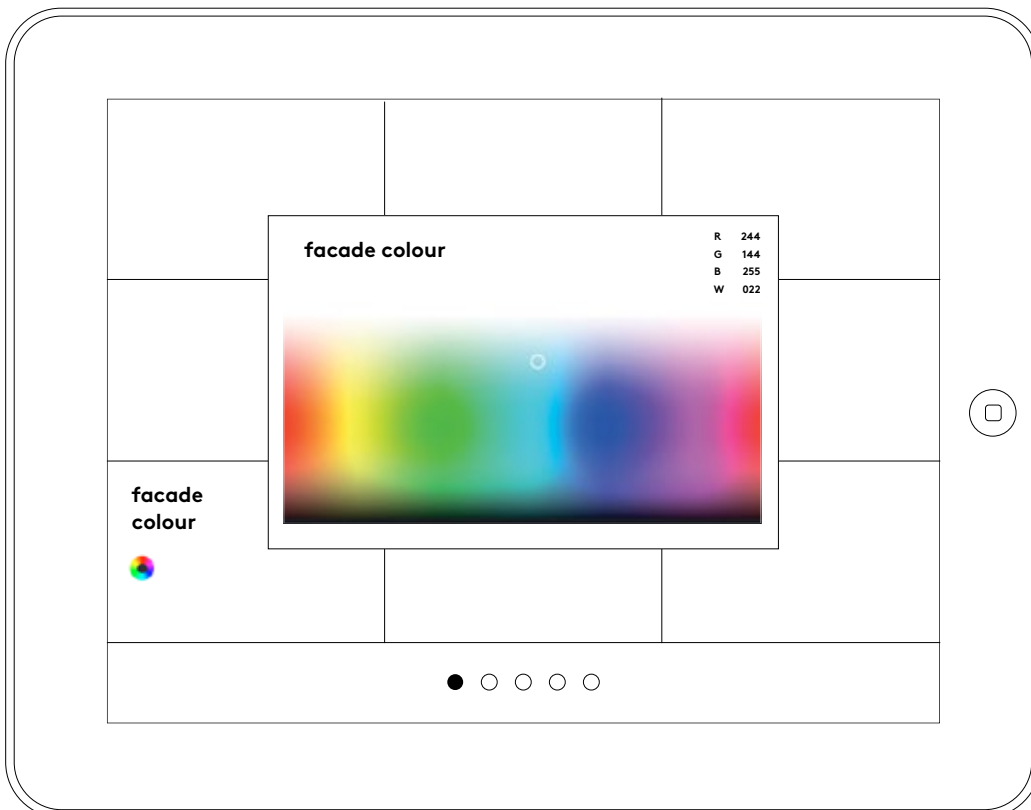
Netcomposer



App for LightingTab Software

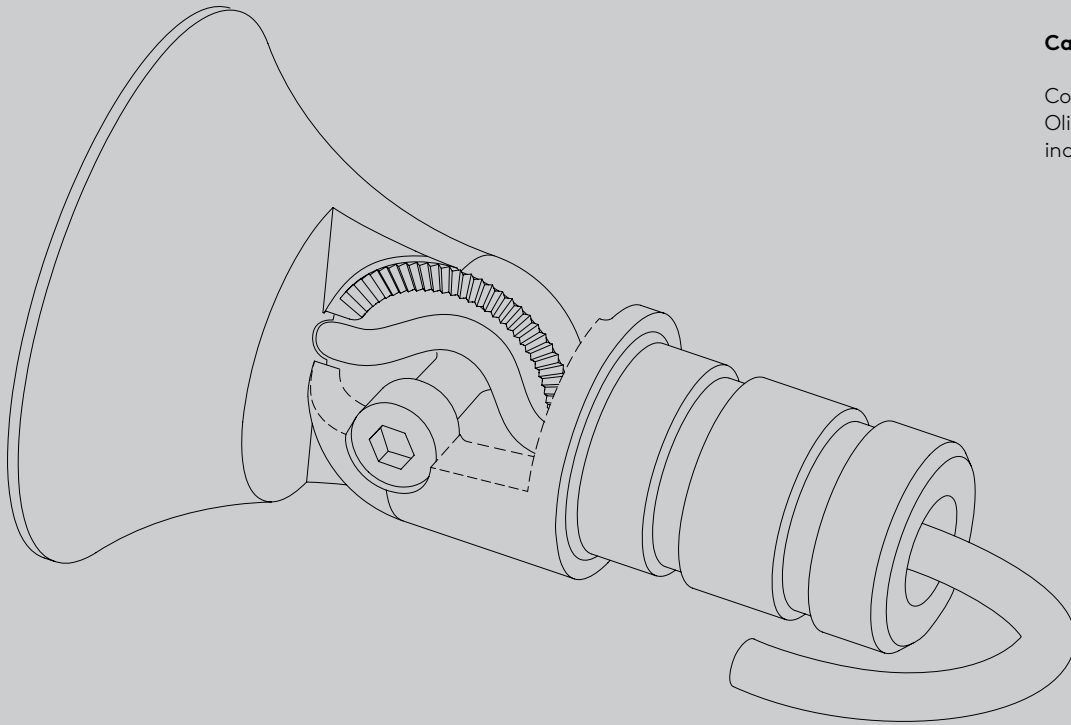
A timer and calendar function with astro functionality are also available. The integral xPlayer (media player) allows media playback by Olivio DMX LED luminaires. Using the LAN version of the Netcomposer, Olivio luminaires can also be incorporated into modern building management systems.

Many options, one solution – please do not hesitate to contact us to discuss your project.



Please note that all names, trade marks and brand names are the property of their respective companies and are subject to trademark rights.

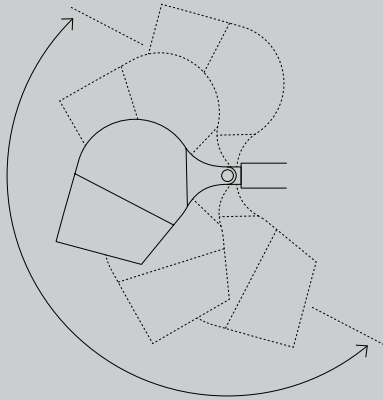
Light. A matter of technology every time — The Olivio is distinguished by highest-quality materials and practicality. Its longevity and the housing's dirt-resistant shape keep maintenance costs to a minimum. Olivio also complies with the IP67 protection class.



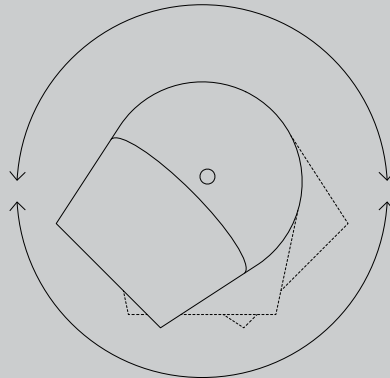
Cable routing

Connecting cables for Olivio luminaires are routed inconspicuously.

Servicing and warranty. Every luminaire that leaves our company is examined with regard to light colour, luminous flux and power. Data is saved so that lighting components can be supplied in the future with the same light engineering parameters as the initial original components. We regard ourselves as a reliable partner for our customers and are convinced of the high quality of our products. For this reason we offer a 5-year warranty extension with LED luminaires – including LED module and electric ballast. You can find out more at www.selux.com/warranty.



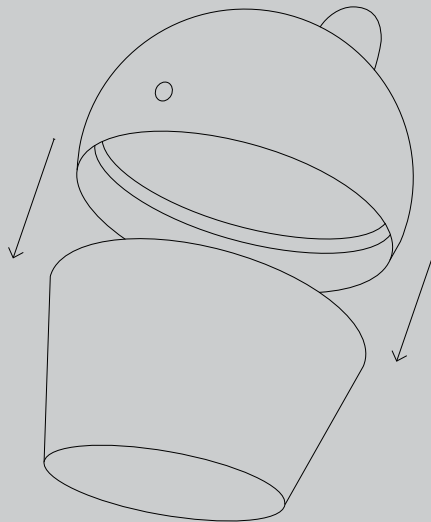
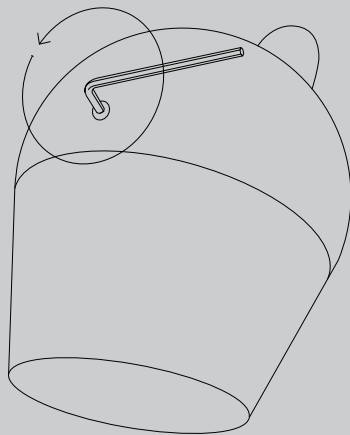
175°



+/- 180°

Unobstructed 2-axis alignment

The light opening of Olivio luminaires can be aligned about a 175° range using the adjustable head joint. Arm rotational capability of +/- 180° means it can reach virtually every beaming direction.



Opening or closing

The locking mechanism requires only one threaded bolt to open or close the housing. All luminaires are capable of being mounted by a single person.

Accessories

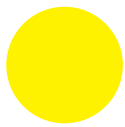
Various accessories are available for Olivio such as coloured glass, structured lenses for asymmetrical widening of light distribution, honeycomb or ring louvres to improve glare control. All optical accessories are fitted internally meaning that they are protected against dirt and fully incorporated into the luminaire's high protection class.



Colour Filter Red



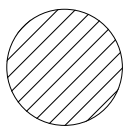
Colour Filter Green



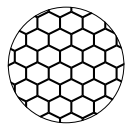
Colour Filter Yellow



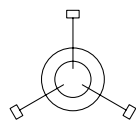
Colour Filter Blue



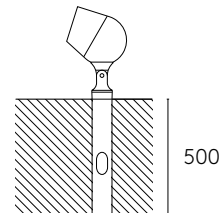
Prismatic Lens



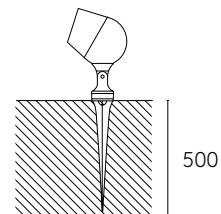
Honeycomb Louvre



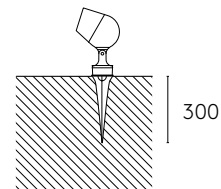
Ring Louvre



Buried base
for Olivio Universal
galvanised steel

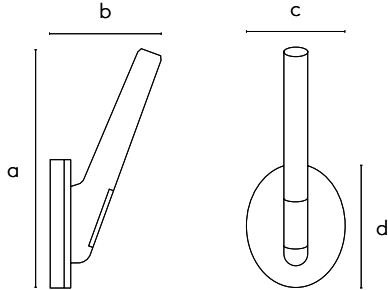


Ground stake
for Olivio Universal Grande/Medio
galvanised steel



Ground stake
for Olivio Universal Piccolo
galvanised steel

Olivio wall brackets

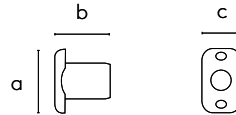


Graciosa

die-cast aluminium

Grande/ Medio	a: 565 mm, b: 263 mm c: 240 mm, d: 300 mm
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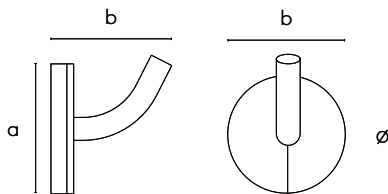
Wall/pole adapter



Sistema 3

die-cast aluminium

Grande/ Medio	a: 115 mm, b: 80 mm, c: 60 mm
for Piccolo	a: 115 mm, b: 65 mm, c: 60 mm



Gracil

die-cast aluminium

Grande	a: 283 mm, b: 255 mm, Ø: 271 mm
Medio	a: 257 mm, b: 255 mm, Ø 218 mm
Piccolo	a: 151 mm, b: 197 mm, Ø 92 mm





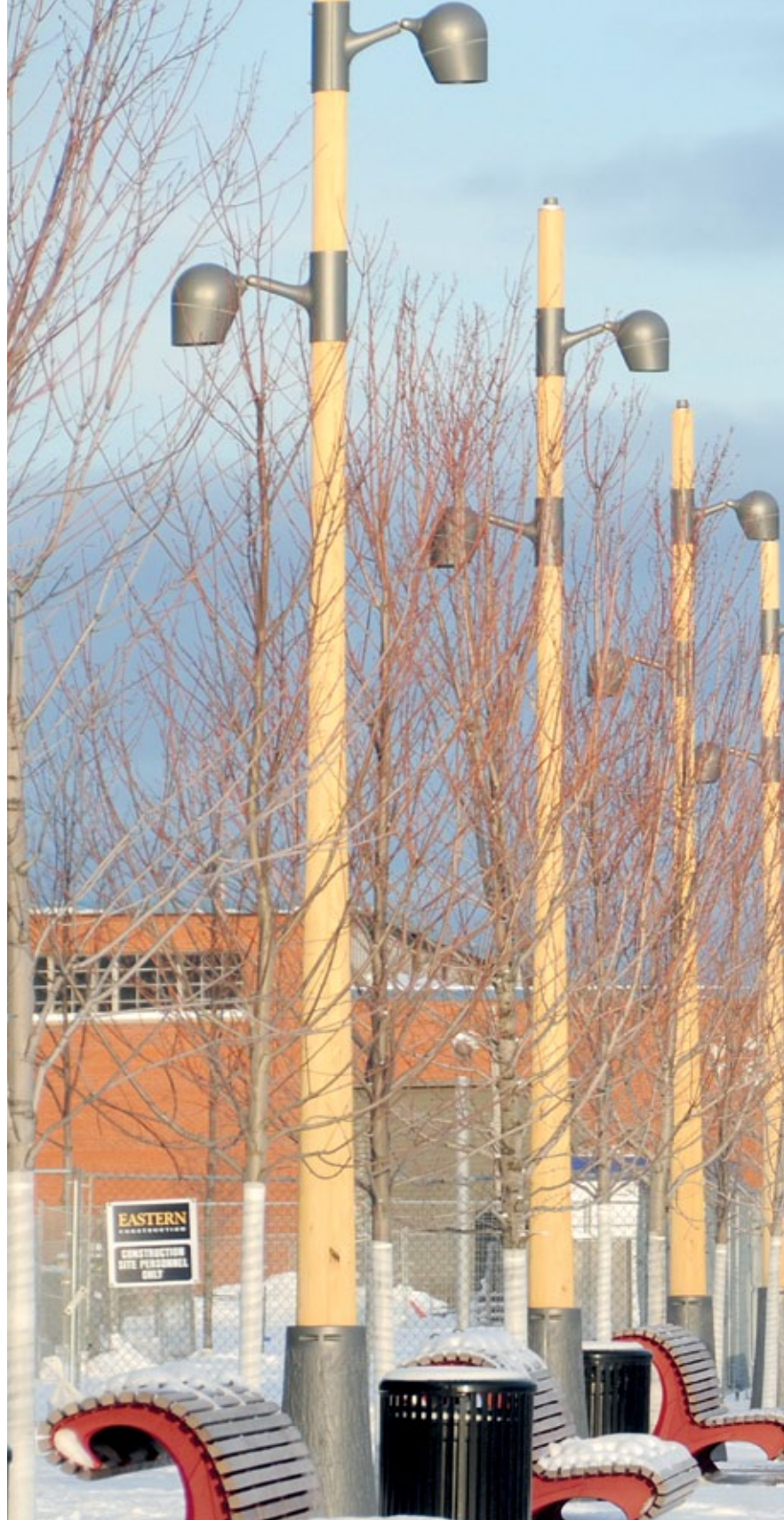
Olvio – custom project solution, Samoëns, France



Olivio – custom project solution, Cabot Circus, Bristol, United Kingdom



Olivio – custom project solution, Park am Gleisdreieck, Berlin, Germany





Olvio – custom project solution, Water's Edge Promenade, Toronto, Canada



Colours

Cat.1



Selux Graphite

Cat.2



Jet black
RAL 9005



Anthracite grey
RAL 7016



Graphite grey
RAL 7024



Iron grey
RAL 7011



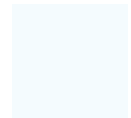
Grey aluminium
RAL 9007



White aluminium
RAL 9006



Pure white
RAL 9010



Traffic white
RAL 9016



Pine green
RAL 6009



Moss green
RAL 6005



Sapphire blue
RAL 5003



Wine red
RAL 3005



Ruby red
RAL 3003



Pearled dark
grey
DB 703



Pearled silver
grey
DB 702



Pearled white
aluminium
DB 701

Cat. 3

Special colours

Cat. 4

Seawater and salt air resistant coating

Deviations in colour and gloss level between this catalogue and the final product are due to printing and cannot be avoided. RAL colours of cat. 2 are available in gloss level 30% (surface satin finished) or 60% (silky gloss finished).

selux.com

Selux AG

Motzener Straße 34, 12277 Berlin, Germany

T +49 030 72001-0 · F +49 030 72001-100 · info@selux.com

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