L I F

The new urban light

selux

THE NEW

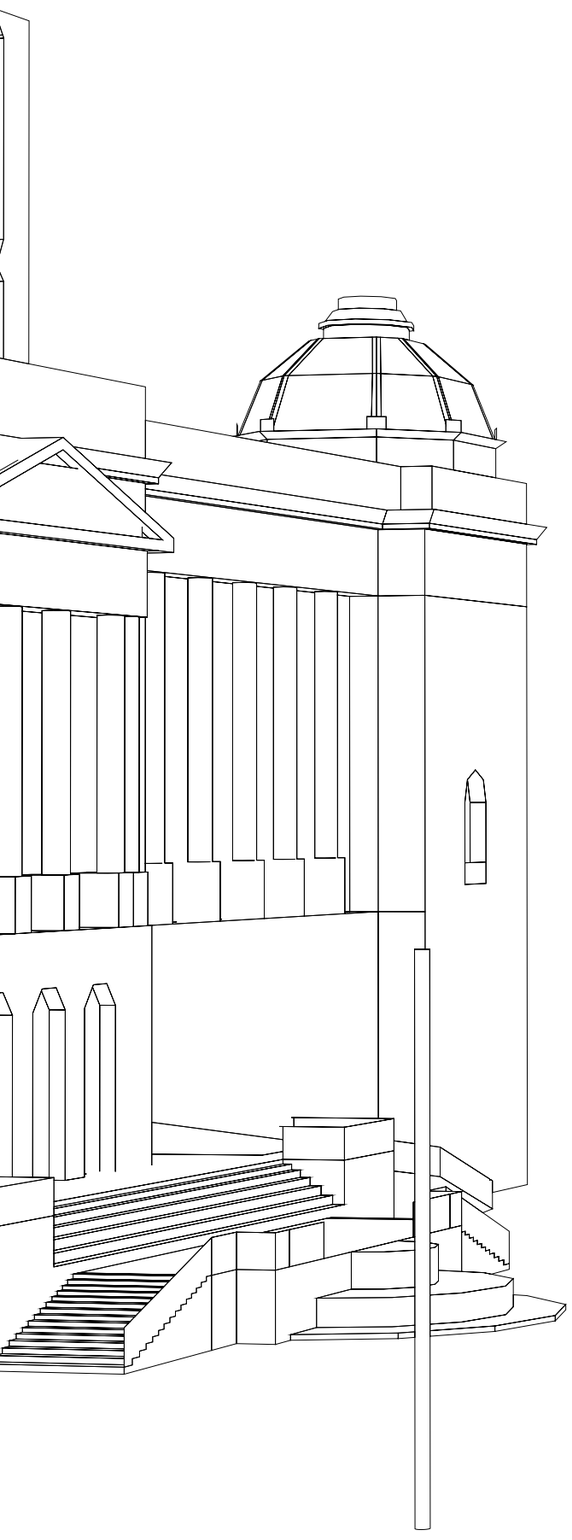
URBAN LIGHT

Lively, vibrant and ever changing – our enthusiasm for cities knows no bounds whether for the diversity of their public spaces, the splendid facades with elegant shopping streets, unique monuments or inviting parks. However it is especially in the evenings that we experience the real magic of the big city – when the light of the Lif gives the fullest expression to urban life.

Reserved in shape, the Lif integrates discretely into all urban settings, innovatively reinterpreting the reduced cylinder form as a basic architectural shape. By day, rather than distracting onlookers, the Lif blends into the background yet by night it displays its full effect – with the Lif, it is the light that is aligned, not the luminaire. Its modularity enables it to create visual settings for the surrounding area, adapting itself, like no other luminaire before it, flexibly and effortlessly to a diversity of urban lighting tasks. Highly versatile in terms of application, the Lif enables passers-by to experience the human geography of the city in a highly inspiring way.

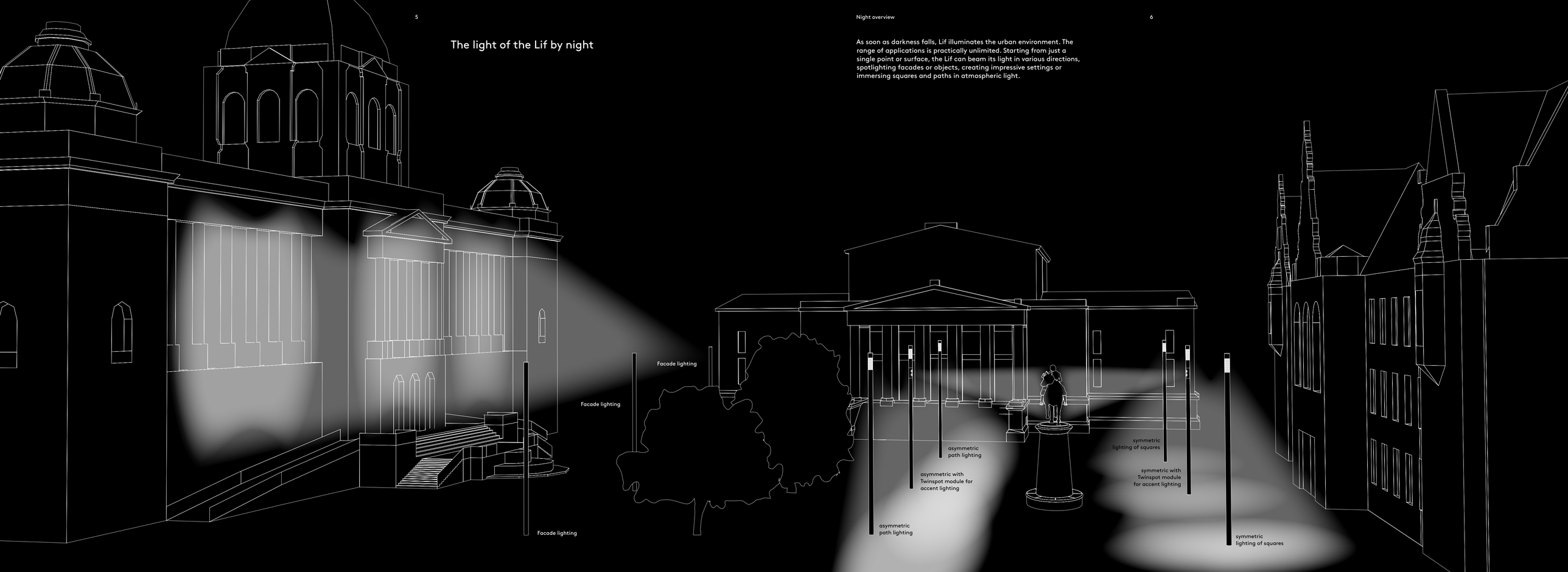
The light of the sun by day

No matter what the city brings to light by day, the Lif cuts a superb figure in all surroundings – slim, discrete and elegant, it blends effortlessly into the goings on of the city. Its flexibly configurable light modules are stacked on top of one another in a linear arrangement. As a result, lines from the surrounding environment can be continued or references made to architecture without any compromise of functionality, enabling the Lif to fuse harmoniously into all urban settings.



The light of the Lif by night

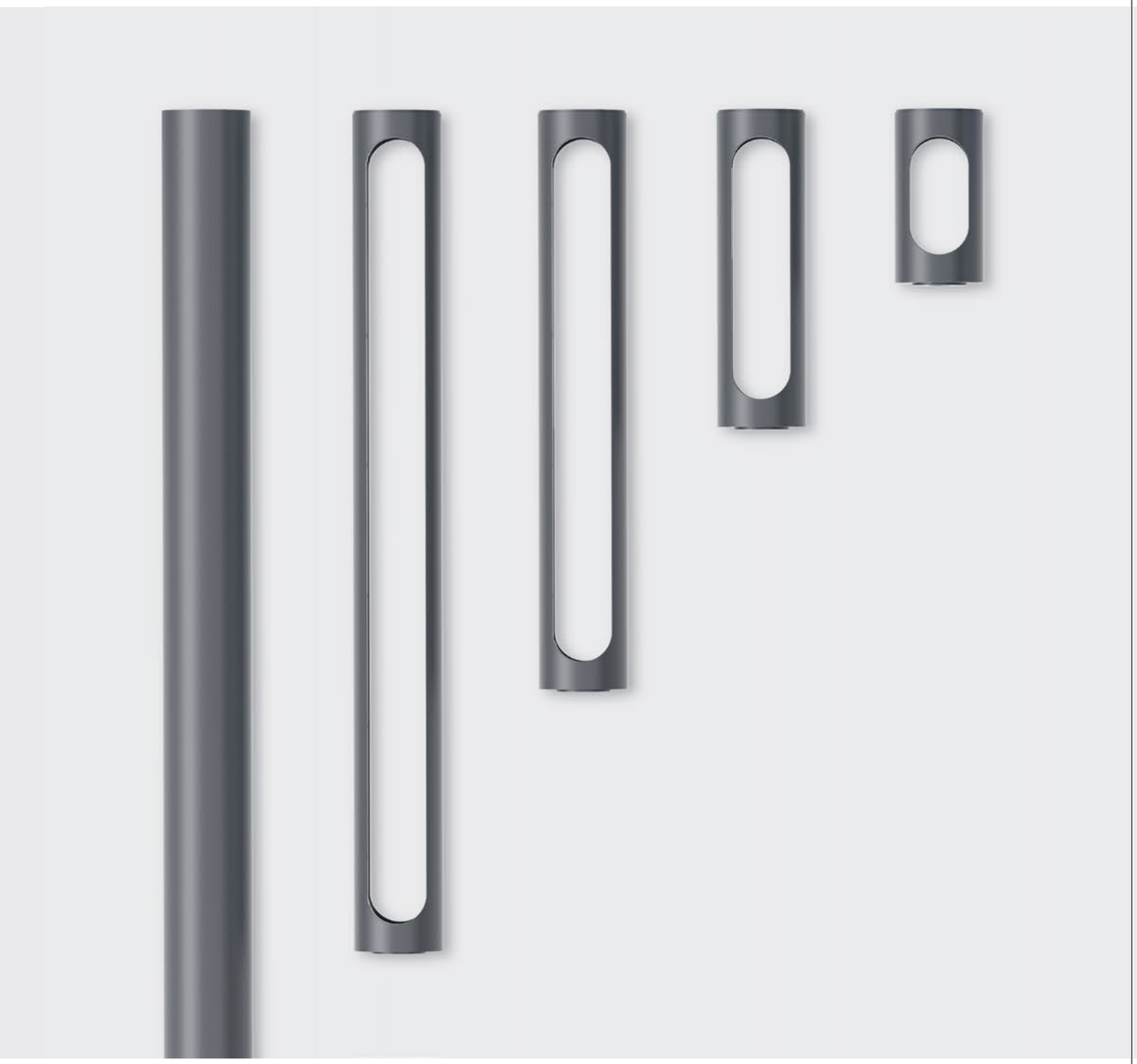
As soon as darkness falls, Lif illuminates the urban environment. The range of applications is practically unlimited. Starting from just a single point or surface, the Lif can beam its light in various directions, spotlighting facades or objects, creating impressive settings or immersing squares and paths in atmospheric light.

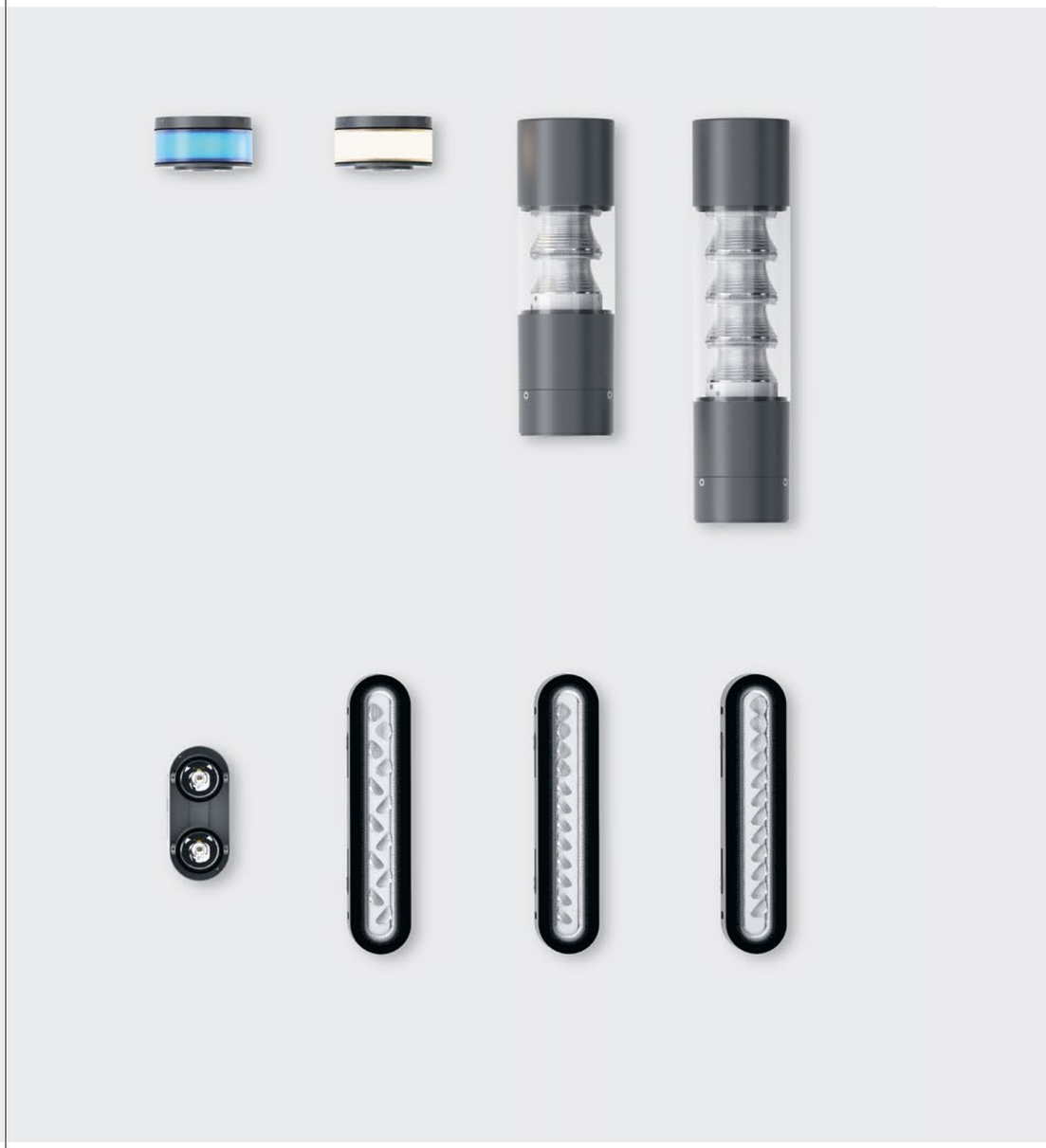


High class workmanship demands closer inspection

The finest quality right down to the most minor details. Lif unifies design, lighting technology and mechanical functionality to create a complete symbiosis. This is evident, for example, from the jointless glass terminations on the light modules with their particularly high workmanship and aesthetics. High quality design is maintained throughout all possible configurations. The intricate craftsmanship and use of premium quality materials ensure a long service life for the timelessly elegant Lif.

A new dimension in versatility





Easy to configure
at selux.com

It’s amazing just how flexible the design of a luminaire can be. For the Lif is entirely variable in terms of shape and function. Depending on the lighting task and desired design, the Lif can be individually configured. There are no bounds to your imagination thanks to a wide range of light modules, various mounting elements and additional components for all aspects of urban application.

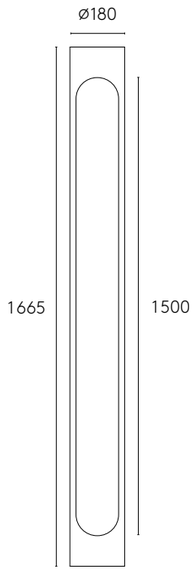
L I F
M O U N T I N G E L E M E N T

The Lif mounting element is available in four sizes. It can be used to integrate facade or twinspot modules or as a straight-forward design element to create a transparent, gentle effect. Mounting elements can be added together and installed at a rotation between 0–360° around their own axis, enabling maximum precision of illumination in multiple directions. The integration of different light modules on a single pole ensures a pleasant, calming appearance for the surrounding environment – as does the option of aligning several identical Lif columns to the line of reference.

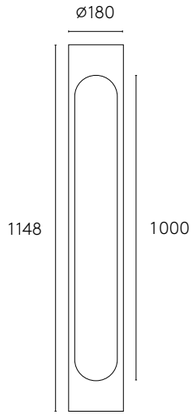
Lif mounting element

For the mounting of facade and twin spot modules or as a design element · available in four sizes · Lif mounting elements can be stacked on top of one another and installed as required rotation between 0–360° to enable illumination in various directions · optionally available with a rear cover · aluminium extruded profile with aluminium die-cast terminations · Selux Graphite or special finish

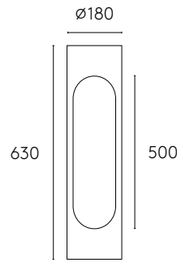
mounting element 1500



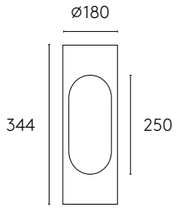
mounting element 1000



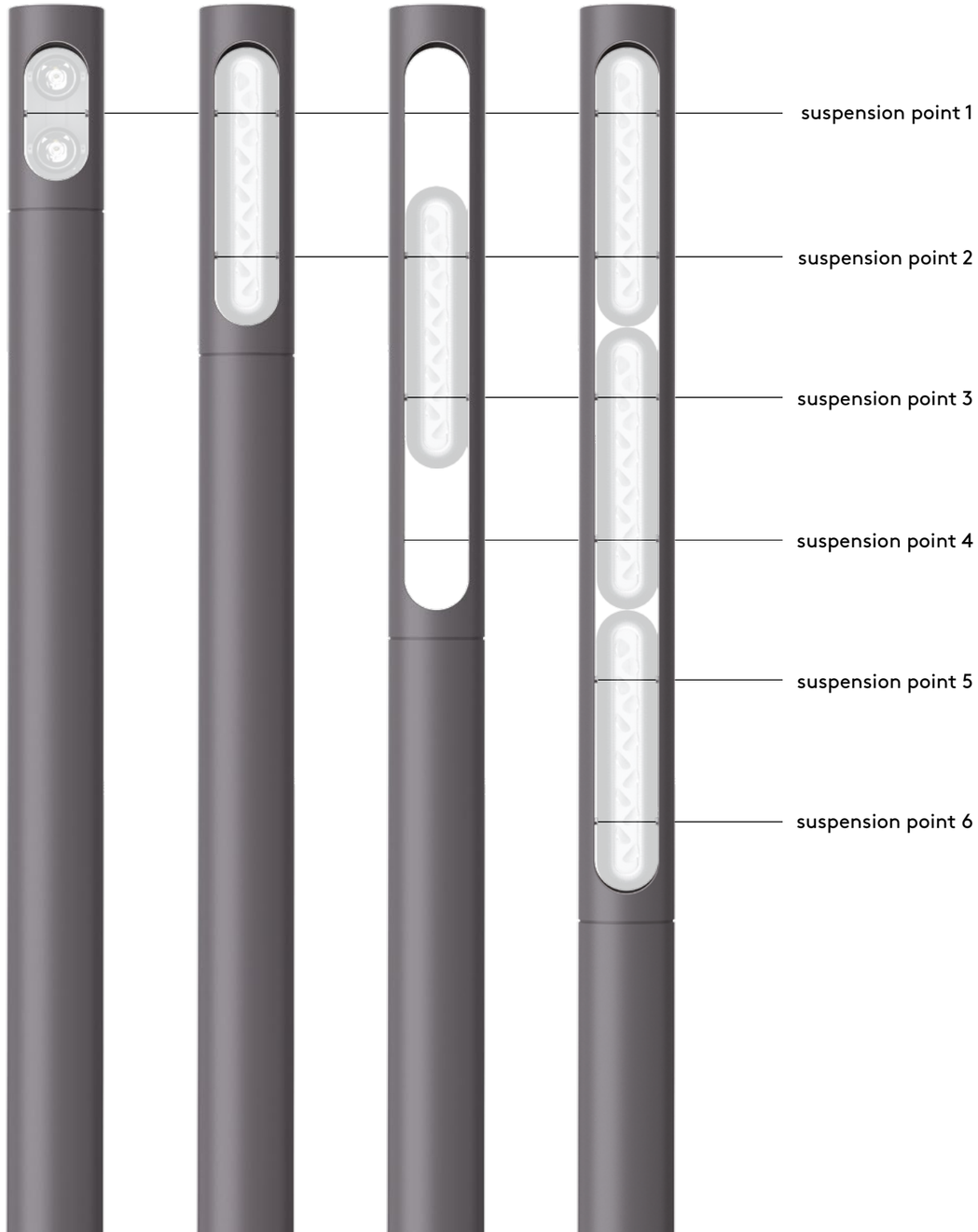
mounting element 500



mounting element 250



Suspension points for light modules within the mounting element



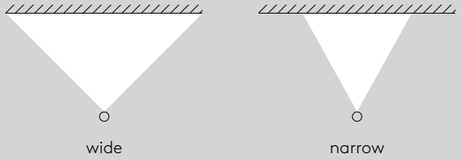
L I F
F A C A D E M O D U L E

The Lif facade modules with vertical and horizontal light distribution has been specially developed to ensure precise spot-lighting of all types of architecture. The precise and powerful module guarantees an optimum surface beaming arising from a few light points only. Inserted within the mounting elements it enables light to be rotated between 0 and 360°, resulting in maximum lighting flexibility.

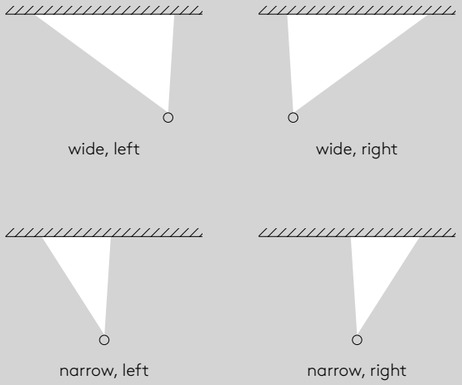
Lif facade module lighting technology

Diverse light distributions enable highly uniform illumination of facades or vertical structures. The LED light is directed by premium quality optics enabling it to be precisely aligned horizontally and vertically to the facade being illuminated which prevents unwanted scatter light effect. Facade modules can be installed with their mounting elements at an offset between 0 and 360° around their own axis as required, enabling the simultaneous realization of various spotlighting directions.

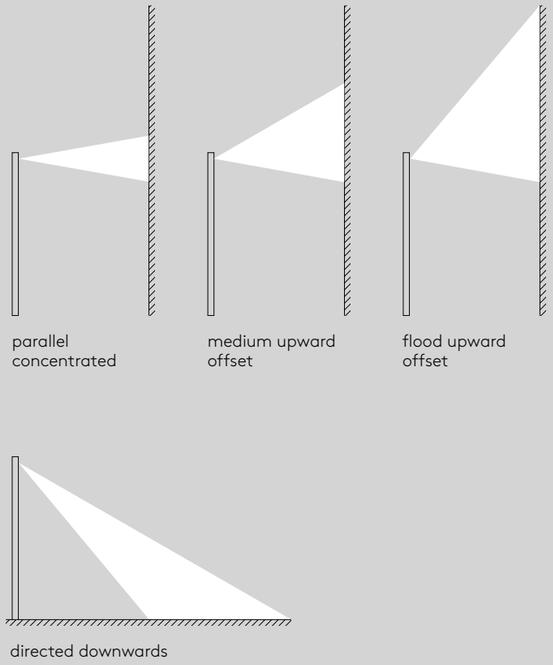
Horizontally symmetric shielding angle

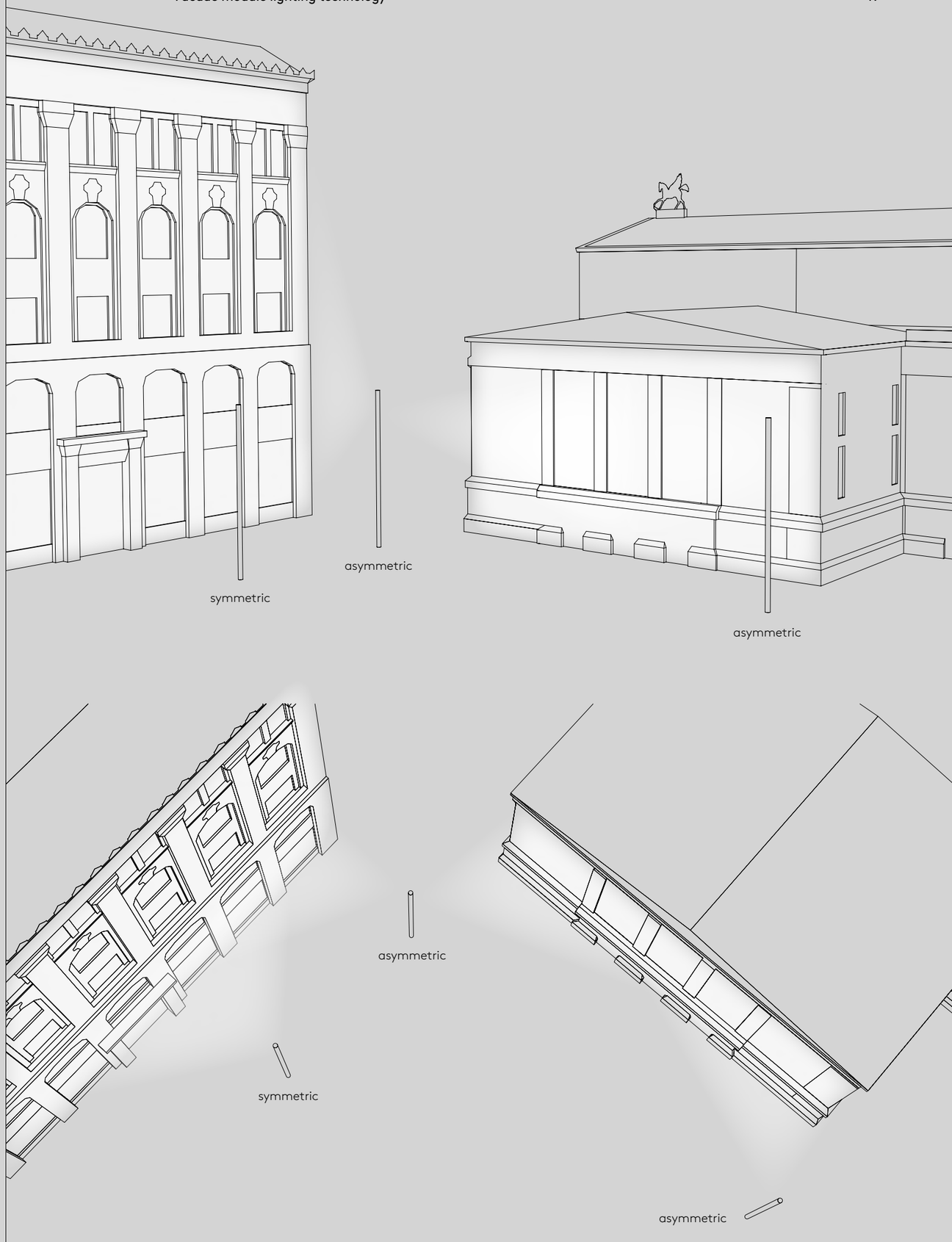


Horizontally asymmetric shielding angle



Vertically shielding angle





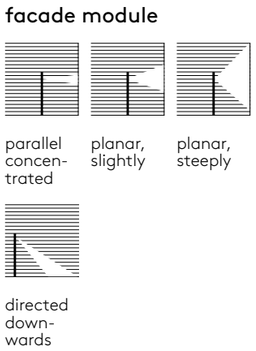
Lif facade module

self-contained light module for illumination of facades or vertical structures · for assembly in Lif mounting elements with various positioning options · with mounting element rotation between 0 and 360° · die-cast aluminium · safety glass with polished edges · Selux Graphite or special finish

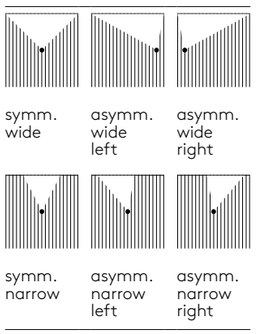
vertical and horizontal light distribution for precise beaming of facades

Lif
facade module

vertical beam



horizontal beam



LED

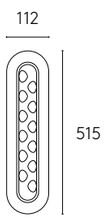
3000/4000 K

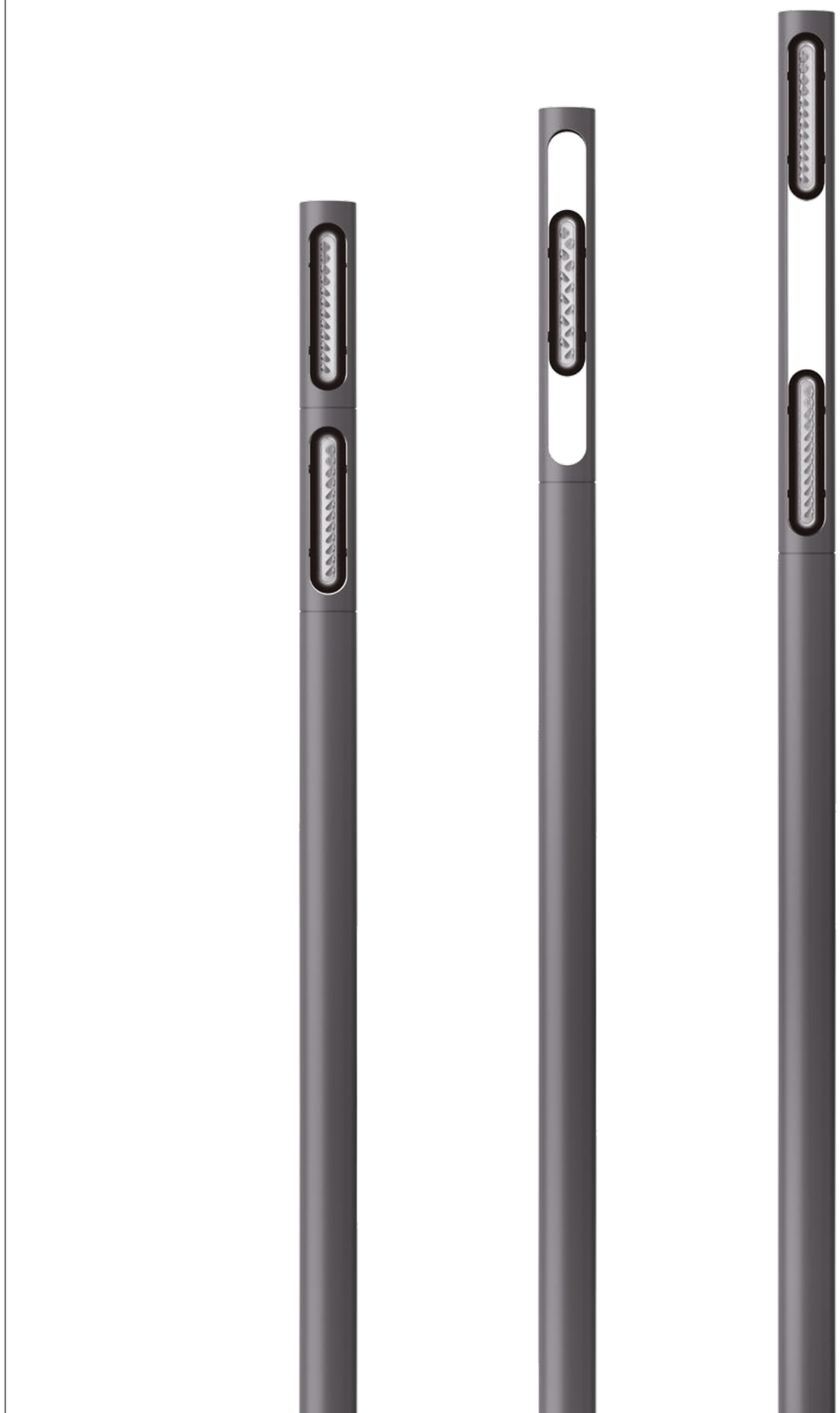
DALI
LED controls → p. 40
colours → p. 43

updated LED values
→ selux.com

IP65

Facade module





L I F
T W I N S P O T M O D U L E

The Lif twinspot module can be used in all four mounting elements. It enables the creation of settings or precise spotlighting of important objects, monuments or landmarks. Spot or medium beam characteristics are available with the Lif twinspot module.

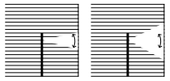
360°

Lif twinspot module

twinspot module for spotlighting of objects · for assembly in Lif mounting elements with various positioning options · with mounting element rotation between 0 and 360° · ±45° pivotable · die-cast aluminium · safety glass with polished edges · Selux Graphit or special finish

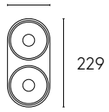
spot and medium light distributions for precise beaming of objects

Lif
twinspot module



	spot	medium
LED	3000/4000 K	
	DALI LED controls → p. 40 colours → p. 43	
	updated LED values → selux.com	
	IP65	

Twinspot module



LIF
TOP ELEMENT

The top element adds an additional high-performance component to the Lif light column for the lighting of squares and pathways in urban environments. It is a continuation of the Lif's cylindrical shape, rounding off the column with a highly stylish element that ensures a succinct, highly aesthetic appearance.

360°

Lif top element lighting technology

The Tritec Optic integrated in the top element is a specially developed system comprising LEDs, reflectors and prisms and is an integral part of the Lif's cylindrical housing. It is extremely powerful, scalable on customers demand and fulfils the highest requirements of a horizontal illumination of the surface around the column. The optic is available with symmetric 360 degree beaming or asymmetric light distribution. LEDs are installed in a circular arrangement and aligned horizontally to the roadway, inclining the generated light on to the plane of utilisation. LEDs are encased by prismatic rings that direct the light and ensure anti-glare. Beneath these rings is a structured reflector cone, the taper of which enables optimum light direction. The top element is available with a double or quadruple Tritec Optic depending on lighting requirements and the height of the column.

Lif top element

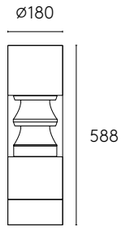
self-contained light module for the illumination of paths and squares ·
as the topmost element on the column · aluminium die-cast ·
PMMA moulded body transparent or satin-finish · rotatable from 0–360° ·
Selux Graphit or special finish

Tritec Optic with precise light direction for asymmetrical path lighting
or symmetrical lighting of squares

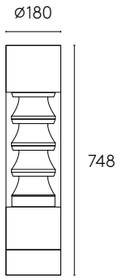
Lif
top element

	symm.	asymm.
LED	3000/4000K	
	DALI LED controls → p. 40 colours → p. 43	
	updated LED values → selux.com	
	IP65	

Top element with double Tritec Optic



Top element with quadruple Tritec Optic



L I F
A C C E N T E L E M E N T

Colour up the city. The Lif can be used with coloured light for accentuation and information in the everyday life of the city.

The Lif accent element can be used for communication and to create light settings of all types, for example to emphasize guidance from traffic control systems, provide information on an electromobility charging device or to impressively display a company’s corporate colours or those of a local sporting club.

Lif accent element

self-contained accent element for ambient lighting · as a column termination or below the top element, creating a cohesive shape with the column body · PMMA moulded shape

Lif
accent element

LED

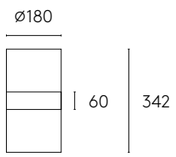
3 000 K/blue

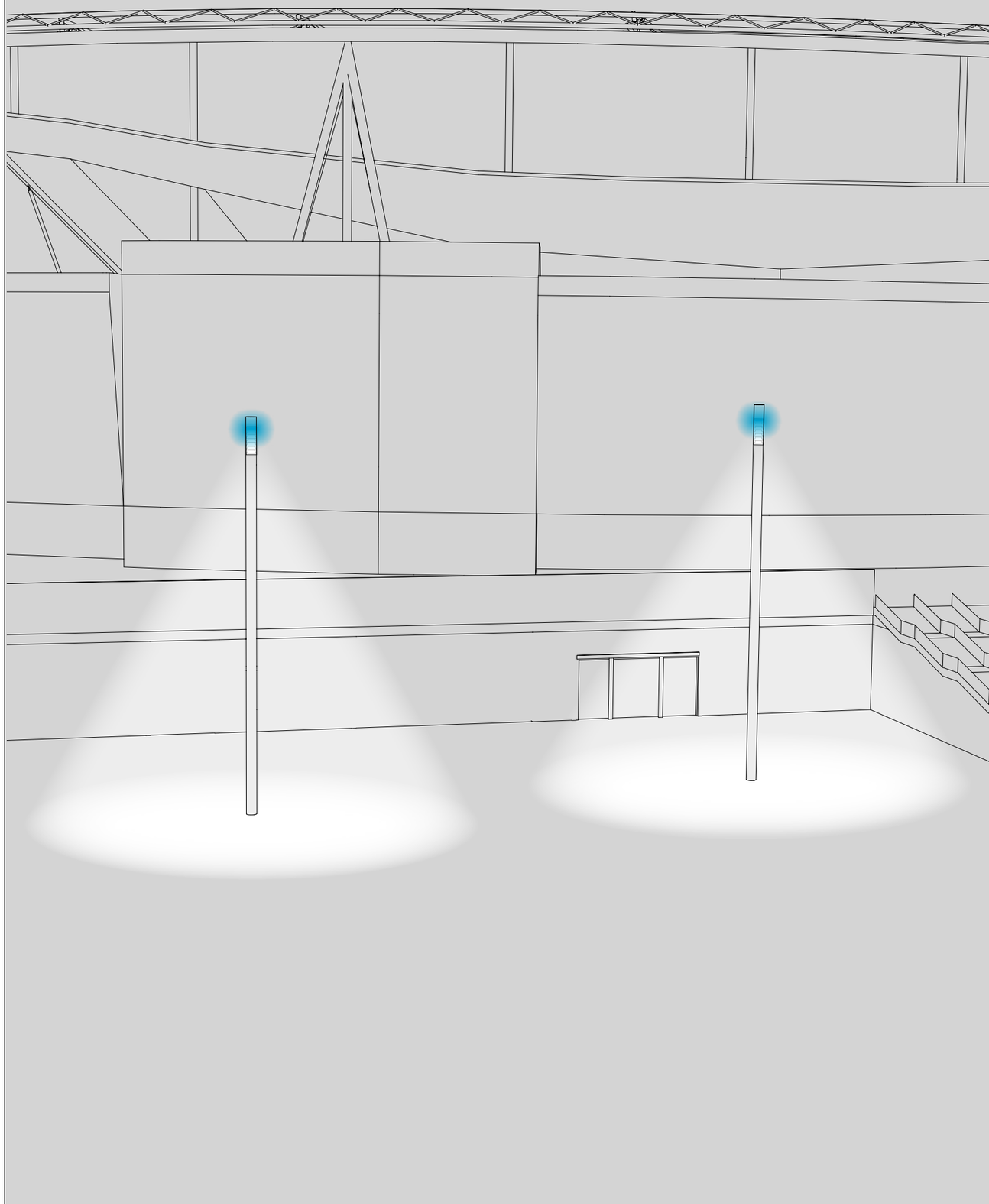
DALI
LED controls → p. 40
colours → p. 43

updated LED values
→ selux.com

IP65

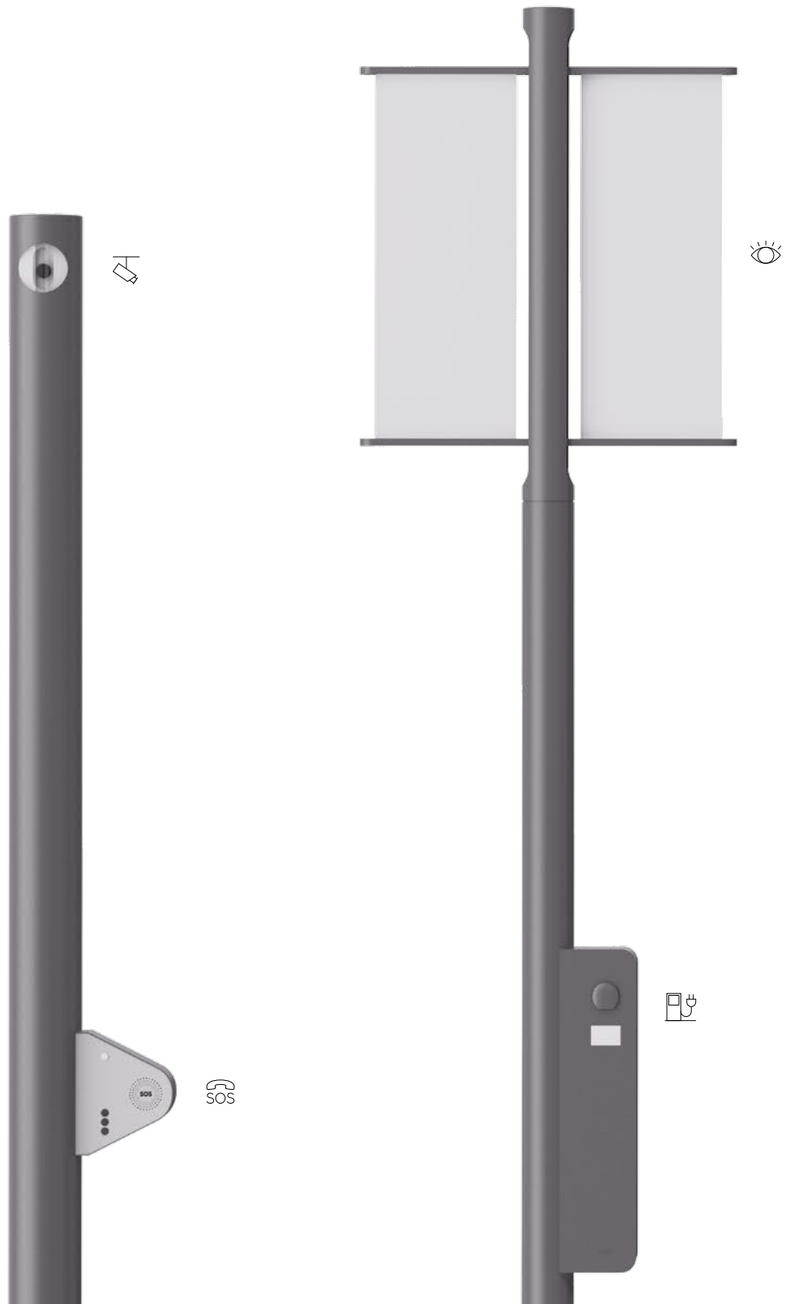
Accent element





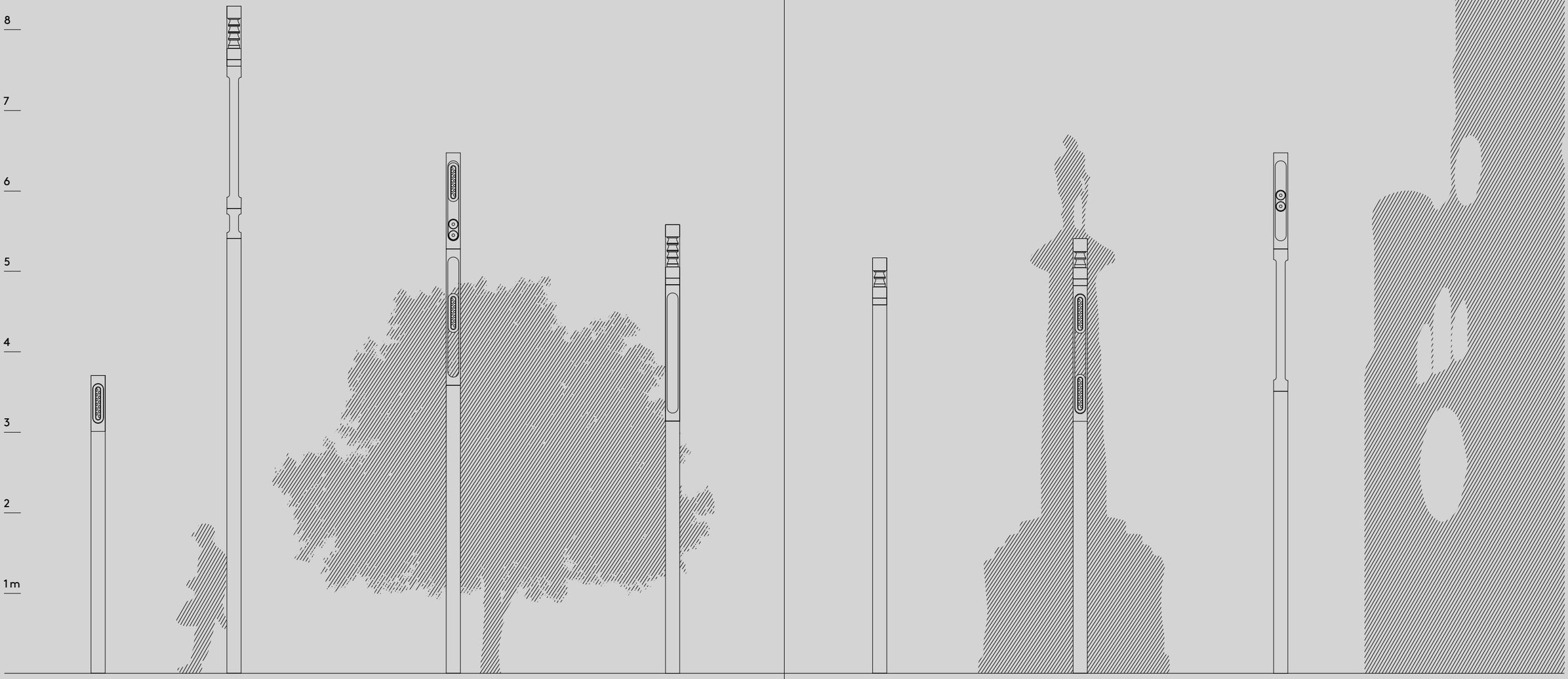
L I F
A D D I T I O N A L
M O D U L E S

Everything is possible with the Lif with fascinating options for much more than just light. These modules enable a wide range of additional functions to be integrated into the column body such as cameras or speakers, an emergency call unit, an air pollution analysis module or a WIFI hotspot, an advert or a charging station – the new urban light can be tailored perfectly to meet the 24 hour requirements of modern city life.



Lif overview

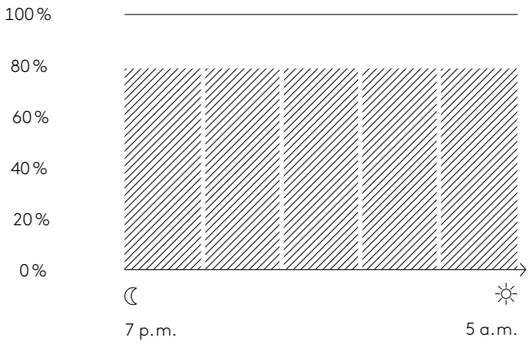
The columns are manufactured taking in to account individually tailored basic element bodies. This means that even for different configurations equal column heights can be guaranteed.



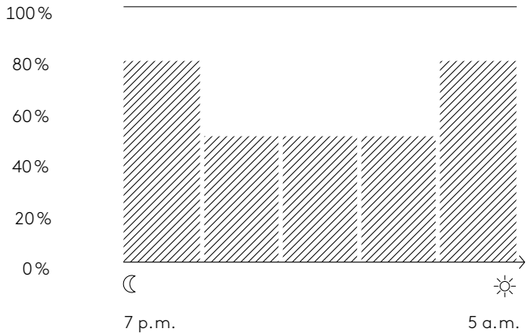
scale 1:50

For minimised energy consumption: The control unit

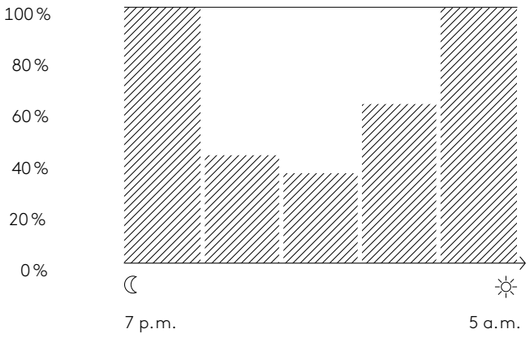
Lif lighting modules can be switched and dimmed via DALI interface. Use of intelligent control enables light to be dimmed individually according to customer requirements. This user oriented dimming option reduces energy consumption and makes a significant contribution to lowering CO_2 emissions.



Fixed setting → Constant low-energy operation
In this operating mode the luminaire is not run at full power but maintained at a constant lower power setting. The power setting can be adjusted to meet site requirements



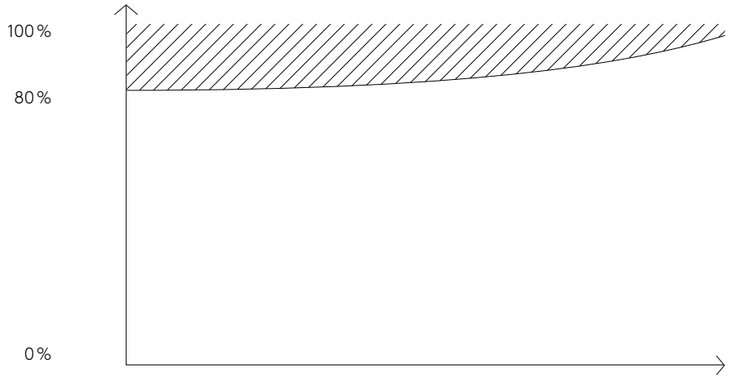
Phase controlled night-time switching
→ Switchable low-energy operation
In the case of phase controlled night-time switching the luminaire can be switched between two power settings. The two power settings can be configured as required.



Dynamic → Low-energy operation with up to five dimming settings
The dynamic control enables low power operation of the luminaire at up to five different values. Power levels are programmed individually for each luminaire in the factory.

CLT – Constant Lumen Technology

Conventional street lights are often overdimensioned to ensure lighting consistently conforms to standards despite loss of luminous flux. At the beginning of life, this results in both an increased energy consumption and an increased luminance at the light output. The use of CLT ensures a constant lumen output of the luminaire over the course of its lifetime. The degradation of LED is maintained by readjustment of power. This makes for additional benefits on LED lifetime. In this way potential for savings is fully exploited by means of an ideally configured lighting system.



Energy saving potential

* depending on fitting / type of LED

Service and warranty

We only use long-lasting premium quality materials and components. Every LED luminaire that leaves our workshops is checked with regards to light colour, lighting colour and power. The data is stored to enable light components to be supplied at a later date that have the same technical parameters as the initial equipment. When you register your project at selux.com we can offer you an extension of the warranty to 5 years.

Category 1

Selux Graphite

Category 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

Special colours, seawater and salt air durable coating on request.
RAL 9005 (jet black) and RAL 9006 (white aluminium) are in gloss level 30% (surface satin finish), all other RAL colours are in gloss level 60% (silky gloss finish).

Deviations in colour and gloss level are due to printing.

selux.com

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562632 English version 2016