

Press information

Lif – smart modules for the flexible light column



The Lif modular light column by Selux is the perfect lighting system for state-of-the-art urban settings, designed for the lighting of squares and paths as well as façades or the accent lighting of objects. As announced by Selux when the Lif was launched, new modules are being developed on an ongoing basis – ensuring the Lif is becoming smarter and smarter all the time.

At Light + Building 2018, Selux will be launching a full series of new functional modules for the Lif that blend seamlessly into the existing system consisting of poles with a diameter of 180 mm and various lighting technology modules: a mounting element for a camera, a loudspeaker module, a Wi-Fi mounting element, a charging station and an accent light element. As well as smart elements, sensors of all kinds can be integrated into the Lif, with application-based individual solutions having been developed by Selux on demand.

This fusion of smart functions within a basic lighting function offers municipal and urban councils an economically viable, technically reliable method for ensuring a uniformly designed, networked smart city.

Excellent connection

Public internet access via Wi-Fi is becoming an essential part of modern urban life. The Lif Wi-Fi mounting element provides the infrastructure for this and can be used for mounting Wi-Fi technology such as antennae, access points or routers at the customer's site. The element is aluminium

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die-cast and includes a black, PMMA diffuser that allows radio waves to pass through it and that can easily be removed for maintenance.

Stay vigilant

Ensuring greater safety for critical locations in cities – the camera mounting element for Lif has a height of 630 mm and is ideal for mounting dome cameras with a diameter of up to 150 mm. Matching adapter plates are available for selected dome cameras by the manufacturers Axis, Bosch and Eneo, with other adapters are available on request. The housing is made of galvanised steel powder-coated in Selux Graphite or, optionally, in the colour of your choice.

Attention please!

As of now, the Lif can also be equipped with new loudspeaker modules. As for the lighting technology modules, they can also be fitted into a Lif mounting element, thereby blending seamlessly into the light column's minimalist design. One module contains two black FR8WP 8 Ohm loudspeakers, switched in parallel and each with a 100 V TR 6.8 transmitter.

Fill 'er up, please!

Modern cities cater for electromobility and accordingly need to provide a charging infrastructure – for example using the Selux charging station for electric vehicles. This can be installed on the Lif pole base element or on other Selux standard poles. User guidance is via a functional LED ring. The charging station provides charging powers of 3.7/11/22 kW and its housing is made of anodized aluminium and polyurethane.

Luminous eye catcher

The Lif accent element can be integrated into Lif light columns at varying heights. It has a height of 90 mm, while the 50 mm wide, ring-shaped light exit has a white PMMA diffuser. Equipped with DALI controlled RGB-LEDs, the ambient lighting element can also be used for signalling via controlled colour changes.



01 – 04 Lif consistently follows a modular concept: Poles of variable heights carry mounting elements with an oval cut-out that is available in four sizes and on which can be installed different modules. Besides the great variety of existing lighting modules Selux now introduces a full series of new functional modules for the Lif.



05 The Lif Wi-Fi mounting element behind its PMMA cover provides space for Wi-Fi technology such as antennae, access points or routers at the customer's site.



06 The camera mounting element for Lif has a height of 630 mm and is ideal for mounting dome cameras with a diameter of up to 150 mm.



07 As for the lighting technology modules, the loudspeaker modules can also be fitted into a Lif mounting element, thereby blending seamlessly into the light column's minimalist design.



08 The Lif accent element can be integrated into Lif light columns at varying heights. It is equipped with DALI controlled RGB-LEDs.



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