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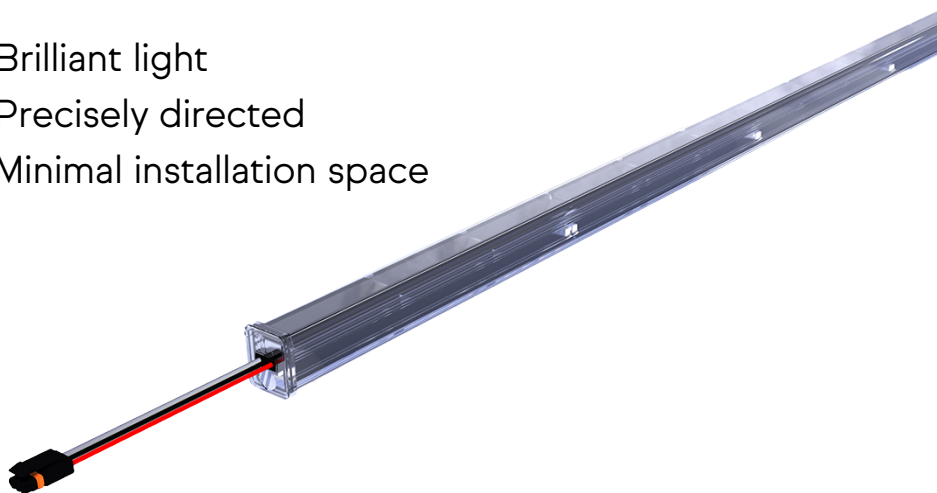
ARCHITECT @ WORK

GERMANY



LEDLUX Optics light line by InstaLighting

Brilliant light
Precisely directed
Minimal installation space



IL
InstaLighting

LEDLUX Optics:

Modular light inserts for maximum flexibility

The LEDLUX Optics light line is part of the LED-LUX system. It offers a versatile modular range of linear light inserts that enable the implementation of a wide variety of indoor and outdoor lighting applications.

The outstanding advantages of LEDLUX Optics:

- Brilliant light
- Precisely directed
- Minimal installation space

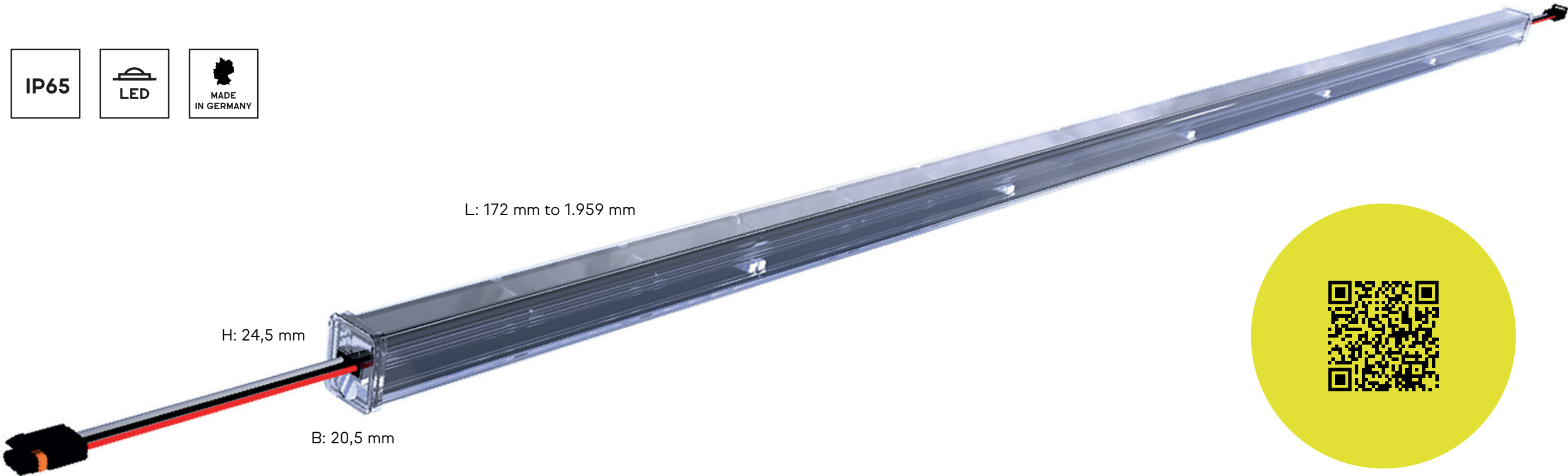
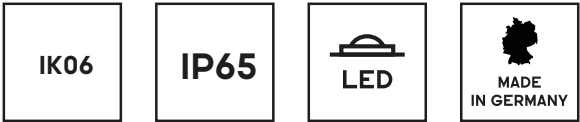
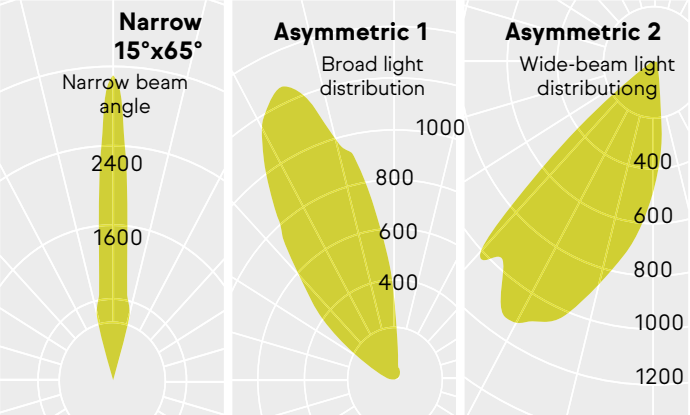
The light insert

- can be used as a luminaire, e.g., for installation in coves
- can be integrated into ground-level lines for environmentally friendly night-time lighting design
- is suitable for use in handrails or street furniture to shape urban spaces
- features precision optics that—combined with the No-Limit Pivot light insert—ensure precise light control and uniform illumination with maximum glare control, ideal for retail or hospitality applications
- is compatible with lighting control systems (DALI, KNX, Casambi).

LEDLUX Optics offers:

- various lengths (172 to 1,959 mm)
- multiple light colors, TW and RGB
- various light outputs (340 lm/m to 1840 lm/m)
- three beam angles
- impact resistance rating IK 06
- IP65 protection rating

Beam angles

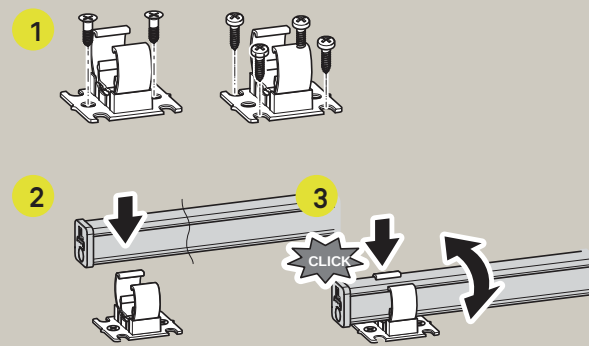


LEDLUX Optics product page:
www.instalighting.de/en/categories/light-lines-outside

LEDLUX Optics: The lamp as a light source

The LEDLUX Optics light insert can be adjusted with great precision using a rotary clip.

Depending on the installation situation, either fixed or rotatable mounting clips are suitable. They can be replaced without tools if necessary.



Marienkirche Lippstadt

The lighting at the Great St. Mary's Church in Lippstadt was converted to LED technology. The linear light fixtures in the nave were retained, and a new lighting system using LEDLUX Optics was integrated into the window sills.

Klosterkirche Geistingen (Fig. right-hand side)

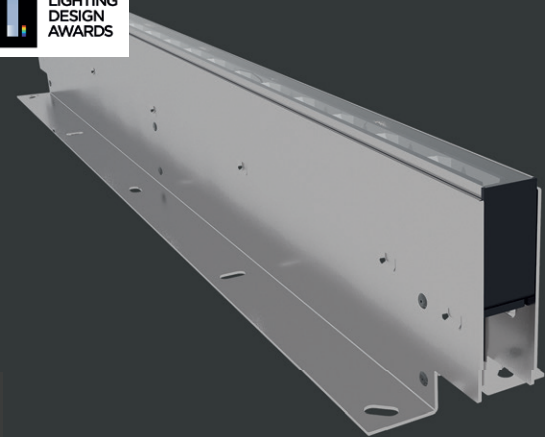
In the Geistingen monastery church, LEDLUX Optics provides dynamically controllable colored light that integrates seamlessly into the architecture of the sacred building. The linear lighting stands out thanks to its uniform light distribution and high light quality.



LEDLUX Optics: As in-ground light

As a recessed floor luminaire, the LEDLUX Optics light insert impresses with the precise—and, above all, consistently glare-free—alignment of the light. Depending on the beam angle, various lighting effects can be achieved: from wall-washing optics for facades up to approximately 4 meters in height to precise accent lighting or wayfinding lighting in urban spaces that protects the night sky (Dark Sky). As a special custom solution, ground-line lighting can also be combined with drainage systems.

The OGL2 1060 in-ground luminaire won the LIT Lighting Design Award in 2020.



Product brochure floor line OGL2
www.instalighting.de/en/download



Mail Druck & Medien, Bünde (Fig. above)

The facade of Mail Druck & Medien in Bünde shines in vibrant RGB colors thanks to the OGL2 ground-mounted linear light, which extends around the entire building. Linear micro-reflector ensure uniform illumination from the base to the roofline without causing light pollution in the night sky. The LED modules can be controlled individually.

Humboldt Forum Berlin

The lighting of the Humboldt Forum in Berlin is showcased, among other things, by in-ground lights. These are ideally suited for casting vertical illumination onto wall surfaces. This atmospheric lighting connects the historic building with the Spree Terrace, which invites visitors to linger by the riverbank.

Leonhard Weiß Administrative Building Satteldorf, with Aco

For the redesign of the Leonhard Weiss construction company's premises in Satteldorf, a drainage system was developed in collaboration with ACO that functionally and elegantly combines the ACO Multiline Seal drainage channel (featuring the Sideline slot frame top) with the OGL2 linear light.

LEDLUX Optics: In handrails or for street furniture

The OHR handrail lighting solution enhances safety and orientation in public spaces while allowing for versatile architectural design. The light colors can be tailored to the surroundings—serving as either accent or area lighting—while the luminaire itself remains invisibly integrated into the handrail.

Thanks to symmetrical or asymmetrical reflector optics, various light distributions are possible – for uniform illumination of the walkway, or to highlight handrails or street furniture.



Product brochure handrail OHR1 & OHR2
www.instalighting.de/en/download



Düren Theodor-Heuss-Platz (street furniture)

Handrail lighting inserts were used for Theodor-Heuss-Platz in Düren. The „Dark Sky“ concept features low-intensity lighting that respects nature. This is easily achieved thanks to intelligent lighting control, warm light tones, sensors for dimming, and precision optics that eliminate stray light.

Rotterdam Willemsbrug (street furniture / bridge)

The Willemsbrug is one of Rotterdam's three major bridges; it spans the Nieuwe Maas and is considered the „Golden Gate Bridge“ of the Netherlands. The lighting system used to illuminate the pylons, bases, and bridge sides was implemented using, among other things, LEDLUX linear light fixtures.

Metro Paris (Fig. above)

Four new stations have been built as part of the northern extension of Paris Metro Line 14, with Porte de Clichy serving as the central hub. Here, 1,700 handrail lights of various lengths were installed to ensure safe navigation while simultaneously highlighting the architecture.

Golda Meir Steg Berlin

Integrated handrail lighting makes the Golda Meir Footbridge in Berlin glow with golden light after dark. The pedestrian and cycle bridge spanning the Spandau Ship Canal connects the formerly divided districts of Moabit and Mitte. It is named after the former Israeli Prime Minister Golda Meir.

LEDLUX Optics: Precise light control with NoLimit Pivot PV

The LEDLUX Optics linear light line was specifically developed for narrow installation spaces. Featuring asymmetric reflectors and narrow-beam optics, it directs light precisely where it is needed.

Combined with the NoLimit Pivot PV adjustable light insert, this lighting solution is ideally suited for the directional illumination of vertical or horizontal surfaces.



NoLimit Pivot PV Product Page
www.instalighting.de/en/categories/modular-lighting-systems



Restaurant Rutz

At the three-star restaurant Rutz in Berlin, the lighting design reflects the high quality of the culinary concept. LEDLUX Optics and NoLimit Pivot PV linear lights were installed invisibly in the ceilings, creating a dramatic effect on the stone wall thanks to their asymmetric optics. The warm-white light (2700 K) is also dimmable.

Möbel Martin Konz

The new Möbel Martin store in Konz employs daylight-responsive lighting that supports the human natural biorhythm and enhances the quality of the shopping environment. The system is controlled wirelessly via Casambi. The suspended shelf lighting from the NoLimit range features micro-reflectors that create a wall-washing effect and direct the light all the way down to the lower levels.

Public transport routes (Fig. left side)

Underpasses and similar traffic areas can be transformed into inviting spaces through the use of lighting. Backlit glass walls offer an elegant and efficient lighting solution. As a pivotable lighting insert, NoLimit Pivot PV adapts perfectly to the available installation space—offering either symmetrical (narrow) or asymmetrical beam angles—for instance, as a line of light installed behind the glass wall at the top or bottom.





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