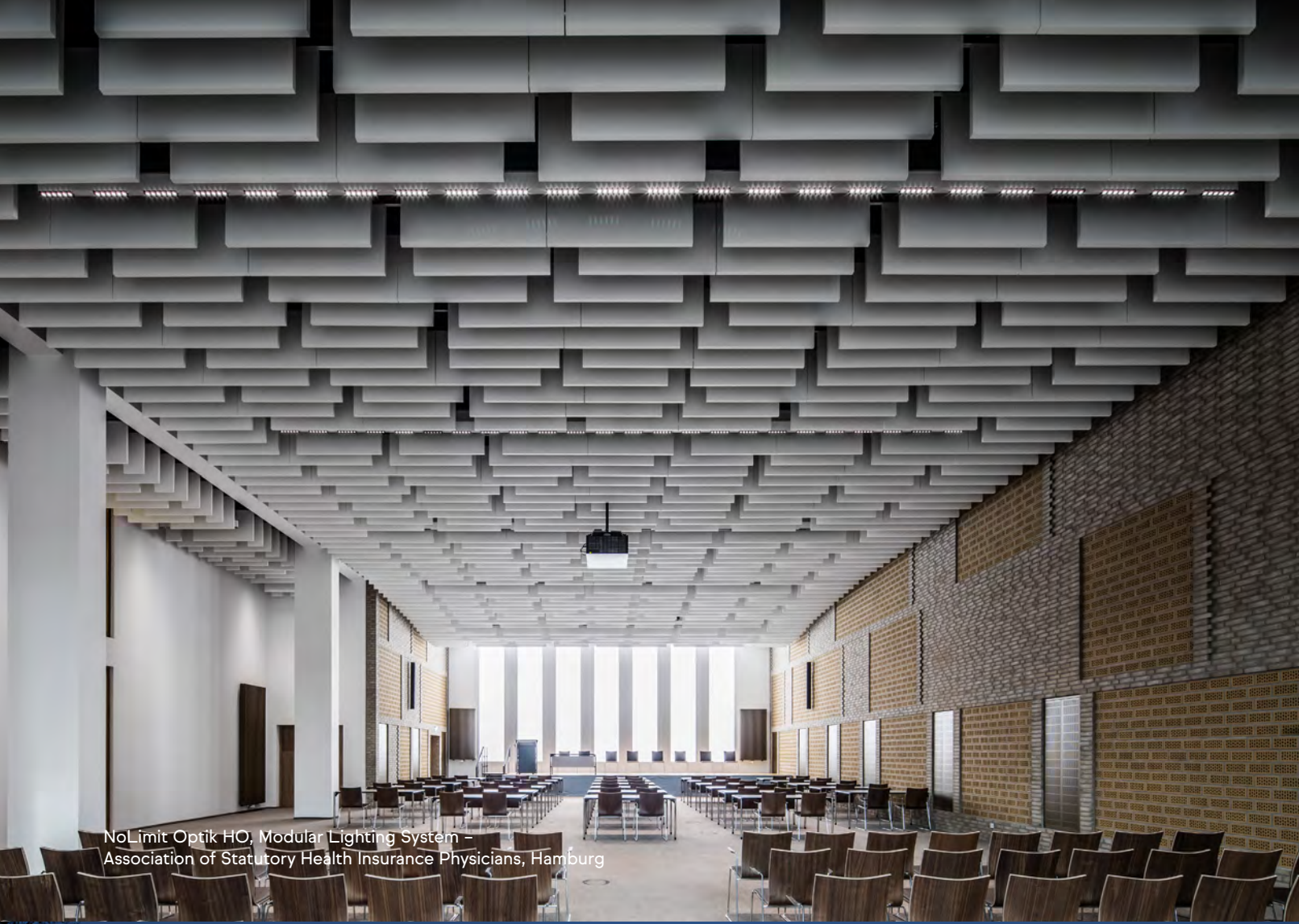




Lighting for offices and representative spaces



IL
InstaLighting



NoLimit Optik HO, Modular Lighting System -
Association of Statutory Health Insurance Physicians, Hamburg



Shera Werkstoff-Technologie in Lemförde
NoLimit Installation, modular lighting system
NoLimit Optik HO, modular lighting system
NoLimit LDF CC, modular lighting system

Innovative lighting solutions do more than just boost employee motivation. When combined with intelligent control concepts, they can significantly reduce energy costs while simultaneously enhancing productivity and well-being. For instance, daylight-simulating luminaires regulate circadian rhythms and support the natural day-night cycle, thereby boosting energy levels and concentration in the workplace.

Furthermore, lighting is an integral part of corporate communication: the way visitors are welcomed, the external impression created by buildings, and the ability to adapt spaces to different situations—from workshops to evening events—convey a message of openness and appreciation to both internal and external audiences.

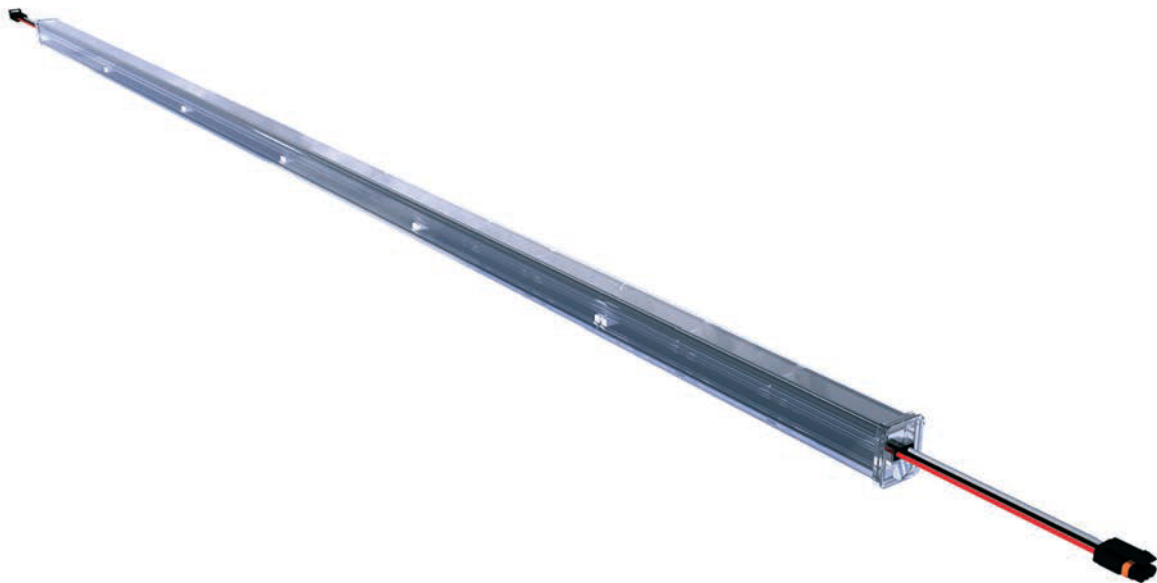
Lighting tools from InstaLighting combine high-quality design with a wide range of options to create the perfect lighting effect for any application.

Minimal maximal

Integration of light into architecture

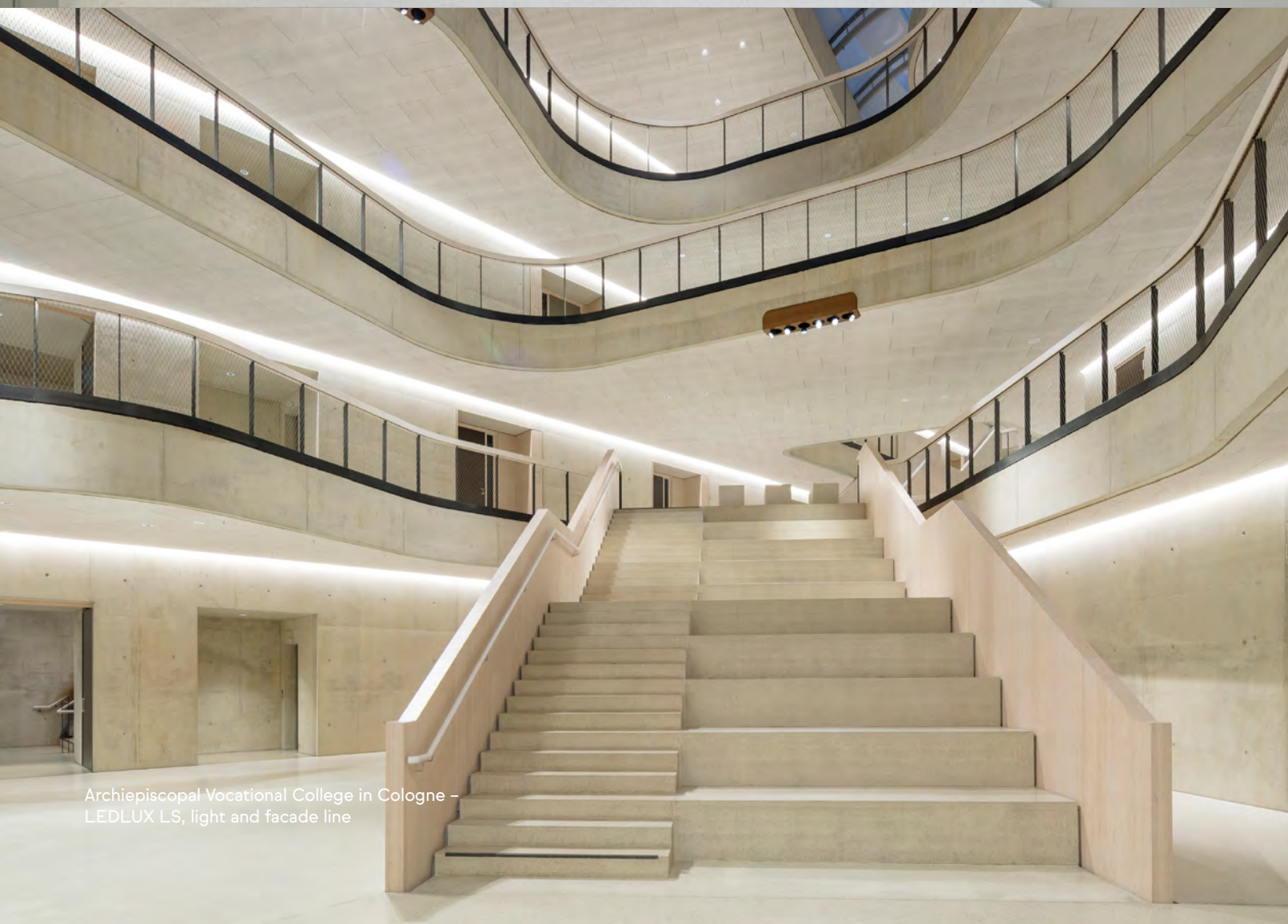
When developing our products, we place great importance on housing technical components within the smallest possible space while achieving optimal lighting effects. This allows luminaires to be integrated directly into architectural elements, rendering them virtually invisible—as seen, for example, with InstaLighting's LEDLUX light lines, which feature a light aperture of just 29 millimeters.

At the same time, our precision optics ensure flicker-free, dimmable light with uniform illumination and without distracting glare.



LEDLUX light lines

- robust, weather-resistant, and durable
- long service life and virtually maintenance-free – ideal for hard-to-reach areas
- wide choice of light colors; depending on the variant: RGB, RGBW, Tunable White, or mono/white light colors.
- minimalist and modular: compact lighting for very tight spaces thanks to a miniaturized design.
- modules individually controllable for dynamic lighting scenarios
- flicker-free dimming across the entire range from 1% to 100%



Archiepiscopal Vocational College in Cologne –
LEDLUX LS, light and facade line



G DATA Software AG, Bochum
 LEDLUX LX, light and facade line
 NoLimit Optik HO, modular lighting systems
 OS1 3050, spotlights and floodlights
 OGL1 1060 LX, in-ground luminaire

Flexibility and Light Quality

The advantages of Modular Lighting Systems

With the modular NoLimit lighting system and the „Elements“ technology platform, InstaLighting offers two lighting systems that were developed with a consistent focus on the needs of lighting designers and meet the highest standards of light quality and planning flexibility.

High-quality lighting tools for every conceivable application can be configured from a modular system of optics, light sources, and electronics. The quality of light remains consistently high across all luminaire types and beam angles—from downlights and spotlights to wallwashers.



NoLimit Modular Lighting System

- modular system with a free choice of profiles, light inserts, and control gear
- open and adaptable system that continuously adjusts to current developments
- minimalist design language with slender profiles that blends seamlessly into the architecture
- wide range of optic, reflector, and linear inserts

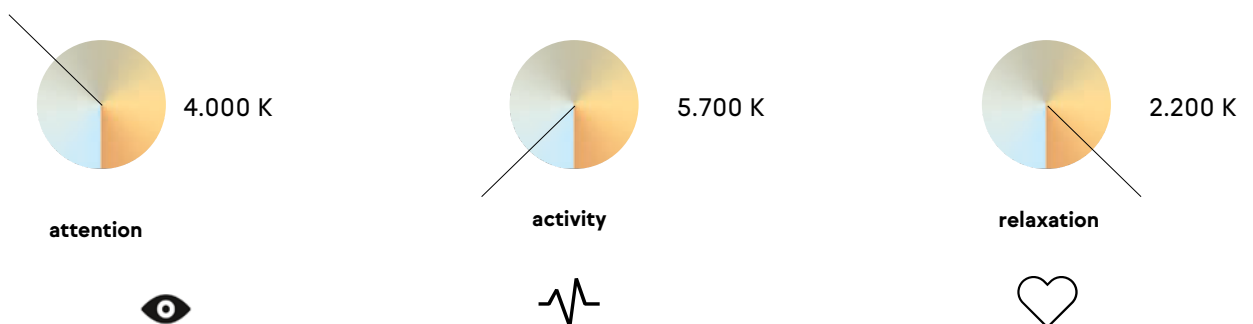
Human Centric Lighting

Boost productivity and well-being

Light not only determines people's biorhythms, it also has a major influence on concentration, performance, moods and our entire behavior. "Human Centric Lighting" uses findings from biology and adapts artificial light to the dynamics of daylight. For this purpose, the lighting intensity and the light color are continuously changed so that a positive, stimulating or relaxing effect is created and the general well-being is increased.

The dynamic blend of warm and cool light can create positive effects for employees in windowless rooms: bright, energizing light at midday to combat fatigue, and relaxing light in the evening to foster a positive mood.

InstaLighting offers a wide range of luminaires with Tunable White light colors that are suitable for „Human Centric Lighting“ concepts.





Shera Werkstoff-Technologie in Lemförde
NoLimit installation, modular lighting system
NoLimit Optik HO, modular lighting system
NoLimit LDF CC, modular lighting system



Communication and Interaction

Lighting for traffic areas and quiet zones

Productive work arises from the right blend of communication and concentration. Well-planned lighting creates spaces for informal conversations and interaction among colleagues. Quiet zones, on the other hand, serve as retreats for focused work or short breaks.

InstaLighting's portfolio offers downlights and spotlights for a balanced combination of ambient and accent lighting, featuring the appropriate light colors, control systems, and optics for every conceivable application. Our modular product concepts are particularly well-suited for refurbishment projects, such as those involving energy-efficiency upgrades.



Downlight DL2 | powered by Elements

- precision micro-reflectors for maximum light control in a minimum of space
- based on the technology platform »Elements«
- flicker-free dimming between 0-100%
- wide range of optic and light colors
- stable temperature management for ambient temperatures from -20°C to +50°C

Downlight DL5

- virtually constant luminous flux across the entire color temperature range
- optics continuously adjustable between 13° and 80°
- continuously variable control system for daylight scenarios
- Three sizes with diameters of 13-26.5 cm
- adaptation to any intermediate installation dimension using a ring system enables simple refurbishing

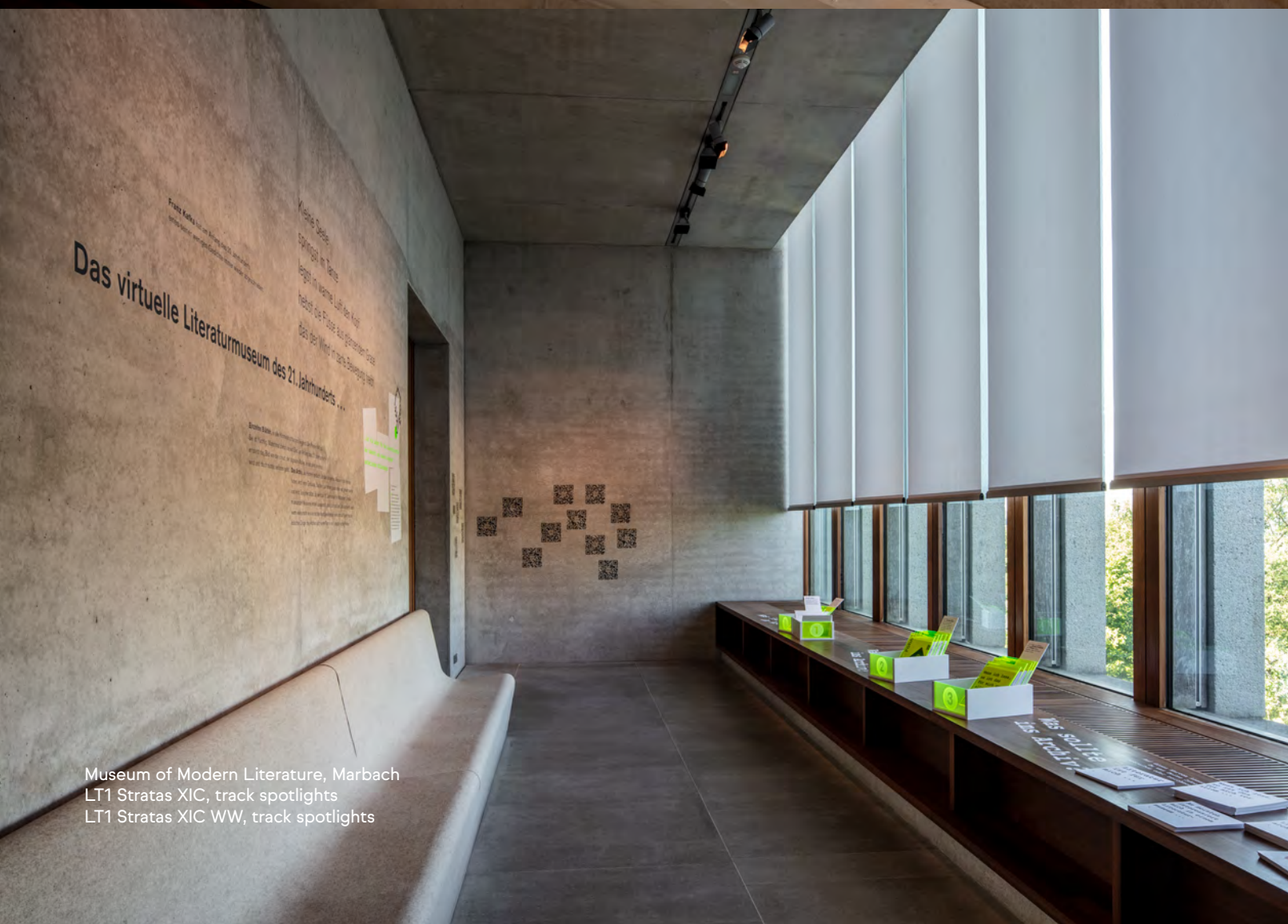
Recognizable landmarks, high-performance optics for precise accent lighting

Iconic buildings, bridges, and monuments tell the story of a city. Light highlights architectural details, creates contrasts, and gives landmarks a distinctive identity. Especially in the evening hours, key urban locations become visible, standing out against the backdrop of the city's diverse dynamism. Insta-Lighting offers a range of spotlight families featuring a wide selection of light intensities, high-performance optics, and light colors—providing the perfect solution for a variety of requirements.



LT1 Stratas Track Spotlights

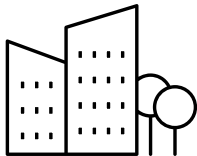
- excellent color rendering: CRI 98
- extensive range and accessoires
- high-quality aluminium housing
- stable temperature management
- wide selection of optics - from zoom spots to wallwasher



Museum of Modern Literature, Marbach
 LT1 Stratas XIC, track spotlights
 LT1 Stratas XIC WW, track spotlights

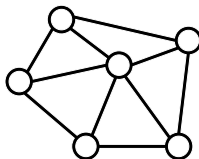
building automation with KNX

The solution for complex lighting projects and the central control of multiple buildings



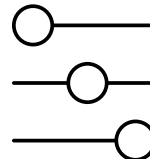
mesh networks with Casambi

Controlling individual light points without wiring using Bluetooth or Zigbee



Integration of common control technologies

Full-service implementation of control concepts using DALI and DMX – from planning to commissioning

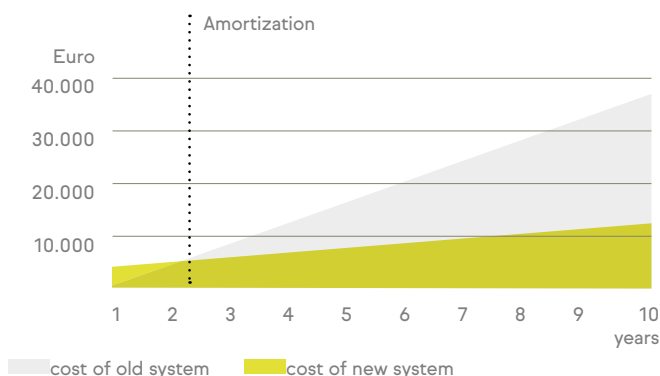


Energy-efficient renovation

Reducing costs through LED and intelligent control

Retrofitting lighting systems with LED lamps allows for a drastic reduction in operating costs. In most cases, the necessary investments pay for themselves within just a few years, resulting in net savings on total costs. Rising energy prices and stricter environmental regulations are expected to further amplify these effects in the future.

InstaLighting is one of the first lighting manufacturers in Germany to use LED technology in professional lighting and also has many years of experience in planning and implementing digital control systems - from selecting the right control system to addressing and commissioning.



Sample calculation for the energy-efficient renovation of 250 m² of office space

67,53%	10-year saving potential
24.636,23 €	10-year cost reduction
1,9 years	payback-period
29,16 tonnes	CO ₂ emission savings



MVZ Augenspezialisten Saar
NoLimit Optik HO, modular lighting system
NoLimit Akzent HA, modular lighting system

NoLimit

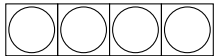
Modular lighting system

All dimensions in mm

NoLimit Pixel PX | powered by Elements



82

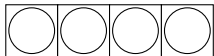


164

NoLimit Pixel.-Spotlight PXS, rotatable and tiltable | LEDLUX inside



82



164

NoLimit Akzent HA, rotatable and tiltable

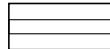


41

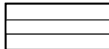
NoLimit Pivot PV, rotatable | LEDLUX inside



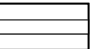
336



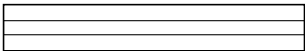
672



1.000



1.650



1.975

NoLimit Linear Diffus LDF



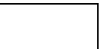
250



493



736



979

1.223



1.466



1.709

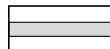


1.952

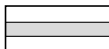
NoLimit Linear Optik LO, rotatable



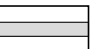
336



672



1.000



1.650

NL Installation profiles

Pendulum profile



surface-mounted profile
70



surface-mounted profile
105



NoLimit | powered by Elements

»Elements« is InstaLighting’s modular technology platform designed to meet the highest standards of light quality and planning flexibility.

 Wide Flood, 72°

 Flood, 57°

 Medium, 30°

 Spot, 13°

 Wallwash Flood

 Wallwash Medium

 2.200 K

 2.700 K

 3.000 K

 4.000 K

 TW

 RGB

 Flood, 43°

 Medium, 30°

 Spot, 14°

 12° x 43°

 2.700 K

 3.000 K

 4.000 K

 TW

 Asymmetric 1

 Asymmetric 2

 Narrow 15°x 65°

 2.200 K

 2.700 K

 3.000 K

 4.000 K

 RGB

 Diffus

 2.200 K

 2.700 K

 3.000 K

 4.000 K

 TW

 Oval Beam 95° + 30°

 Wallwash

 Wide Beam 95° + 110°

 Double Asym Uplighting

 Double Asym Shelf Lighting

 Asym Beam Wallwash

 Mid Wide Beam 95° + 110°

 2.200 K

 2.700 K

 3.000 K

 4.000 K

 TW

recessed profile



plaster-in profile



blind cover



Track spotlights

LT1 Stratas XIC

Optimal light quality and color rendering



Available light colors

3.000 K

dimension XIC (mm)

Optics and light distributions

11°

20°

40°

60°

Wallwash



- Stratas XIC**

11° / 20° / 40° / 60°

1.050 / 1.800 lm

26 / 27 W

Poti / Poti & DALI / Dali and Bluetooth
- Stratas XIC WW**

Wallwash

1.800 lm

27 W

Poti / Poti & DALI / Dali and Bluetooth

Accessories



Honeycomb grid

Sculpture film

Dimming cylinder

Ring grid



Track spotlights
LT1 Stratas MB
Optimal light quality and color rendering



Available light colors

3.000 K

dimension MB (mm)

124

195

Optics and light distributions

14°

30°

43°

60°

Zoom
(14°-48°)

Wallwash

Contour



Stratas MB 14° / 30° / 43° / 60° 650 / 1.050 / 1.140 lm 17 W Poti / Poti & DALI	Stratas MB Zoom 14° to 48° 740 lm (@48°) 17 W Poti / Poti & DALI	Stratas MB PR Contour 650 lm 17 W Poti / Poti & DALI	Stratas MB WW Wallwash 1050 lm 24 W Poti / Poti & DALI
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Accessories

Honeycomb grid

Sculpture film

Diffusor

Dimming cylinder

Snoot



Track spotlight LT2 XT420



Available light colors



3.000 K



4.000 K

Optics and light distributions



45°

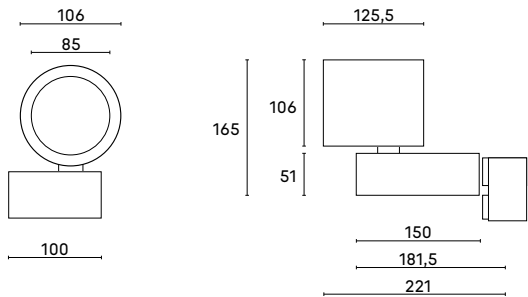


30°



15°

dimensions (mm)



Lifespan	50.000 h
Ambient temperature	+5 ... +35°C
Storage & transport temperature	-25 ... +70°C
Nominal voltage	AC 220 ... 240 V
Nominal frequency	50 / 60 Hz
Weight	1,6 kg

Housing material	Aluminium
Protection class	I
Protection mode	IP20
Connection type	busbar
Color fidelity	SDCM 3
Color rendering index	typ. 92

Luminous flux
3980 lm – 4380 lm

Control
DALI



Track spotlight LT2 XT440



Available light colors



Optics and light distributions

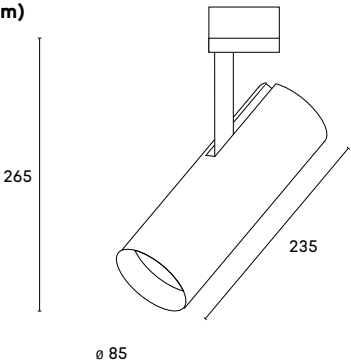


Lifespan	50.000 h
Ambient temperature	+5 ... +35°C
Storage & transport temperature	-25 ... +70°C
Nominal voltage	AC 220 ... 240 V
Nominal frequency	50 / 60 Hz
Weight	1,1 kg

Luminous flux
2880 lm - 3140 lm

Control
DALI

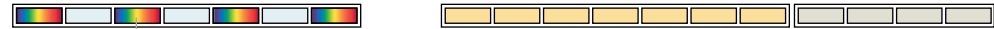
dimensions (mm)



Housing material	Aluminium
Protection class	I
Protection mode	IP20
Connection type	busbar
Color fidelity	SDCM 3
Color rendering index	typ. 92

LEDLUX LH3

LEDLUX LS

Voltage	 230V	 28V
		
Available light colors	   	  
Optics and light distribution	 directed C070 – 70°  diffus S120 – 110°	 directed C070 – 70°  diffus S120 – 110°
Power and luminous flux	@4.000 K: 880 lm/m; 10 W/m	@4.000 K: 1.650 lm/m; 16 W/m
Characteristics	      	      
Connection type	free end of line	free end of line
Color rendering index	typ. 90	typ. 85
Housing material	Polycarbonate (PC)	Polycarbonate (PC)
Control / Dimming	15 – 100% flicker-free with phase-cut dimming	1 – 100% with DALI → PWM
Dimensions	LEDLUX is available with different grid spacings of 81 mm or 162 mm in the following standard lengths: 334 mm to 1961 mm (special lengths and maximum length up to 3 m on request)	
Control system LEDTRIX	 Different light colors can be combined within a single luminaire and controlled individually.	

LEDLUX LX

⚡ 28V



directed
C070 – 70°

diffus
S120 – 110°

RGBW: 72, 122, 23, 246 lm/m; 16,2 W/m

1-100

IK10

IP64

LED

RGB

MADE IN GERMANY

SDCM 3

LX

DMX

free end of line
typ. 85 (TW)
Polycarbonate (PC)
1 – 100% DMX → LEDTRIX

LEDLUX optics

⚡ 48V



LL OP
Wallwash A1

LL OP
Handrail A2

LL OP
narrow
NAR

@4.000 K: 1.502 lm/m; 25 W/m

IK10

IP65

LED

MADE IN GERMANY

MONO

SDCM 3

PWM

Connector IP67 | cable lenght: 80mm
typ. 92
Polycarbonate (PC)
1 – 100% DALI → D-WIRE

LEDLUX optics LX

⚡ 28V



LL OP-LX
Wallwash A1

LL OP-LX
Handrail A2

LL OP-LX
narrow
NAR

RGBW: 105, 362, 53 lm/m; 18,9 W/m

1-100

IK10

IP65

LED

RGB

MADE IN GERMANY

SDCM 3

LX

DMX

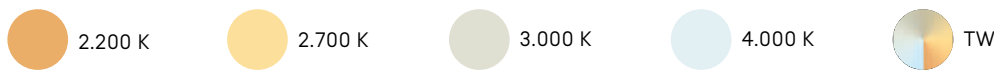
Connector IP67 | cable lenght: 80mm
–
Polycarbonate (PC)
1 – 100% DMX → LEDTRIX

Downlight DL2

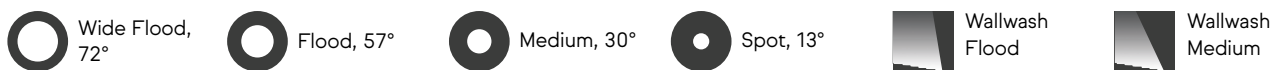
powered by Elements



Available light colors



Optics and light distributions



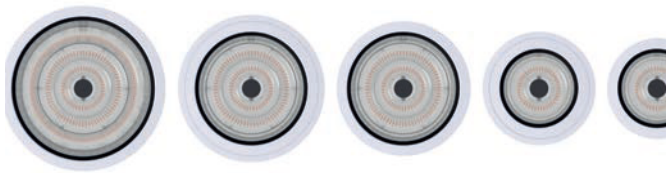
Lifespan	L80B10 60.000h @25°C	Color fidelity	SDCM 3
Ambient temperature	+5 ... +35°C	Color rendering index	typ. 92
Storage & transport temperature	-25 ... +70°C	Installation dimensions – height [mm]	≥ 50 mm
Housing material	Aluminium	Installation dimensions	
Glow wire resistance	650°C	Slab thickness MIN [mm]	1 mm
Protection class	III	Installation dimension	
Protection mode	IP20	Slab thickness MAX [mm]	25 mm
Connection type	free end of line		

Varieties

	1 x 2 / single-breasted	1 x 4 / single-breasted	1 x 6 / single-breasted
L / W / D (mm)	108 mm / 67 mm / 47 mm	190 mm / 67 mm / 47 mm	272 mm / 67 mm / 47 mm
Luminous flux	530 – 840 lm	950 – 1.680 lm	1.430 – 2.550 lm
	2 x 2 / double-breasted	2 x 4 / double-breasted	
L / W / D (mm)	108 mm / 108 mm / 47 mm	190 mm / 108 mm / 47 mm	
Luminous flux	950 – 1.680 lm	1.900 – 3.360 lm	

Recessed downlight DL5

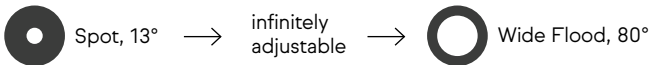
Day/night light



Available light colors



Optics and light distributions

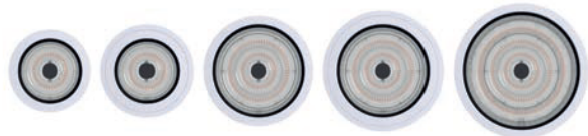


Lifespan	L80B10 60.000h @25°C
Ambient temperature	+5 ... +35°C
Storage & transport temperature	-25 ... +70°C
Housing material	Aluminium
Glow wire resistance	650°C
Protection class	III

Protection mode	IP20
Impact resistance	IK06
Connection type	Molex connector, 4-pin
Color fidelity	SDCM3
Color rendering index	> 90
Luminous flux	Max: 7.070 lm @5.000 K

The perfect solution for energy-efficient renovations and retrofits

DL5 downlights are available in three sizes with diameters ranging from 13 to 26.5 cm. The luminaire can be adapted to any intermediate mounting dimension using a ring system.

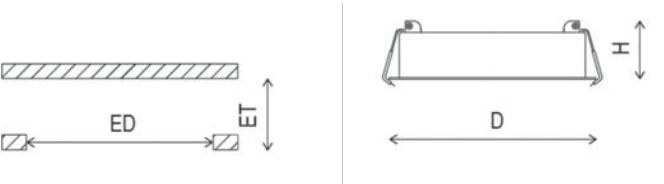


DL5 S

DL5 M

DL5 L

Dimensions



Variant	D (mm)	ED	W (mm)	Depth (mm)
S	130	S 110	29	70
M	200	M 175	29	90
L	265	L 228	29	90



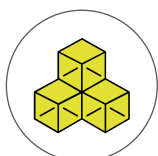
Elements Modular Lighting System

Shape your Light

InstaLightings »Elements« is an innovative product platform from InstaLighting that offers a wide range of possibilities for developing custom products based on a modular system of LED technologies, optics, light colors, and controls.

Throughout the entire portfolio, the quality of light consistently remains at the highest level. The housing design can be customized, or the light pixels can be integrated directly into the architecture.

With just a few clicks, individual light pixels can be combined to create indoor and outdoor luminaires for various applications: spotlights, wall washers, downlights, point lights, or linear arrangements in surface-mounted or recessed versions. Each individual light pixel can then be assigned multiple functions. Multiple light distributions and light colors can subsequently be assigned to each individual light pixel. This allows luminaires configured using InstaLighting »Elements« to create dynamic lighting scenarios or provide balanced ambient lighting.



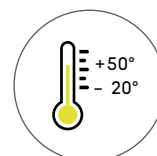
Modular lighting system
Freely combinable system of light distributions, light colors, and control modules



Maximum and consistent light quality
Consistent light quality across the entire portfolio—for all optics, power classes, and light colors



Flicker-free dimming
across the entire spectrum from 1% to 100%



Stable temperature management
for ambient temperatures from -20°C to +50°C

Cover



Light pixel



Micro-reflectors

Maximum light control in a minimal space directs the light exactly where it needs to go.



Optics and light colors

can be freely combined in the pixels and controlled individually



Wide Flood



Flood



Medium



Spot



Wallwash Medium



Wallwash Flood



Mono

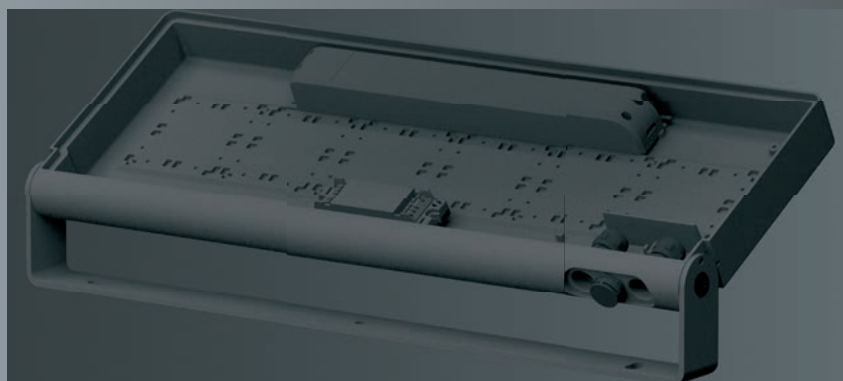


TW



RGB

Housing



Powered by **Elements**

Elements is InstaLighting's modular technology platform, designed to meet the highest standards of lighting quality and planning flexibility. High-quality lighting tools for every conceivable application can be configured from a modular system of optics, light sources, and electronics.



InstaLighting

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