



Lighting for Malls and Retail



powered by **Elements**

IL
InstaLighting



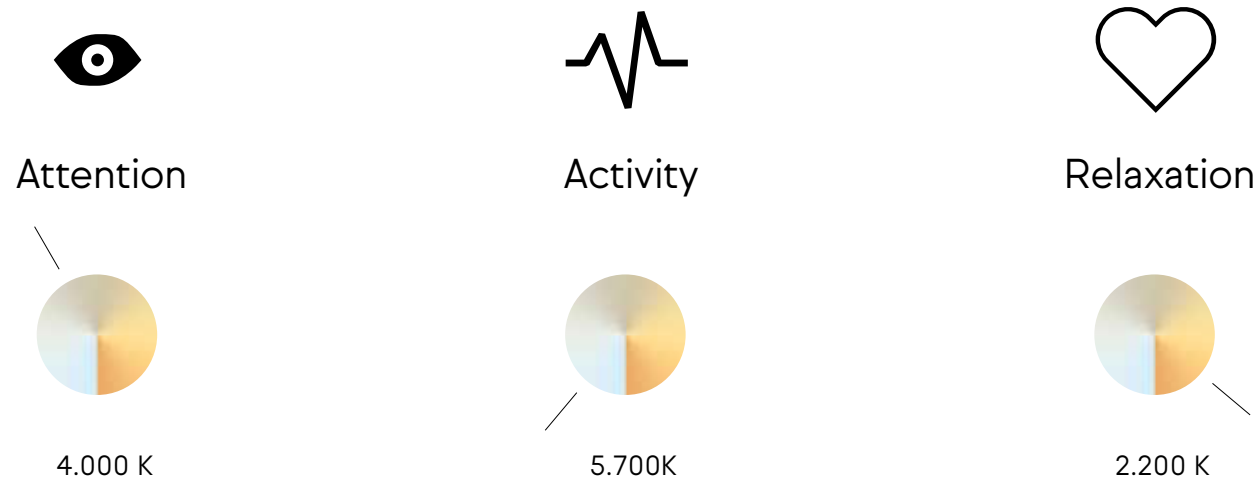
Lighting solutions for shopping malls are characterized by their versatility—spanning a wide range of requirements, from creating an evocative atmosphere and showcasing merchandise to illuminating facades and ensuring safety and wayfinding in circulation areas.

Intelligent lighting control combined with superior light quality enhances the visitor experience and sense of well-being, ultimately encouraging longer stays. Key priorities include profitability, extended maintenance intervals, and the realization of cost-saving potential.

InstaLighting possesses extensive experience in the planning, implementation, and commissioning of complex lighting systems. Its specialized expertise in control technology and custom solutions makes InstaLighting a comprehensive partner for operators, landlords, planners, and investors involved in sophisticated retail concepts.

Dynamic lighting for shopping malls

An inspiring atmosphere for greater well-being, longer dwell times, and increased motivation.



Light not only governs the human biorhythm but also significantly influences concentration, performance, mood, and overall behavior. Human Centric Lighting draws on biological insights to align artificial light with the dynamics of natural daylight. To achieve this, illuminance and light color are continuously adjusted to create a positive, stimulating, or relaxing effect and enhance general well-being.

In the retail sector, Human Centric Lighting is used to tailor the atmosphere to human needs, the time of day, and the varied requirements of a shopping mall. This helps increase the time customers spend in the mall and improves the overall quality of their visit—for instance, by using bright, stimulating light at midday to combat fatigue, and relaxing light to create a cozy ambiance in the evening. Human Centric Lighting also benefits employees who spend their entire day in windowless spaces, boosting their motivation.



Longer length of stay

Dynamic lighting that simulates daylight can significantly increase the time customers spend in the store.



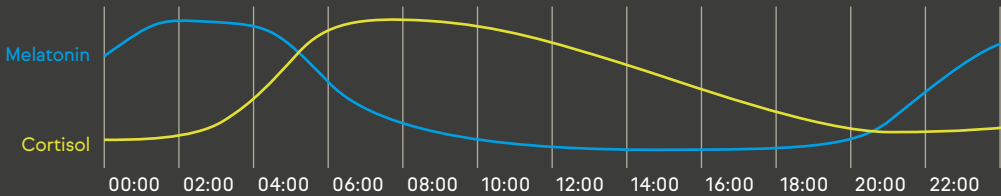
Higher sales

A pleasant atmosphere tailored to the specific setting—warm and cozy in the food court, bright and stimulating in the walkways—puts people at ease and leads to higher sales.



Greater well-being

Dynamic lighting aligned with the human natural biorhythm enhances well-being, reduces stress, and boosts concentration.

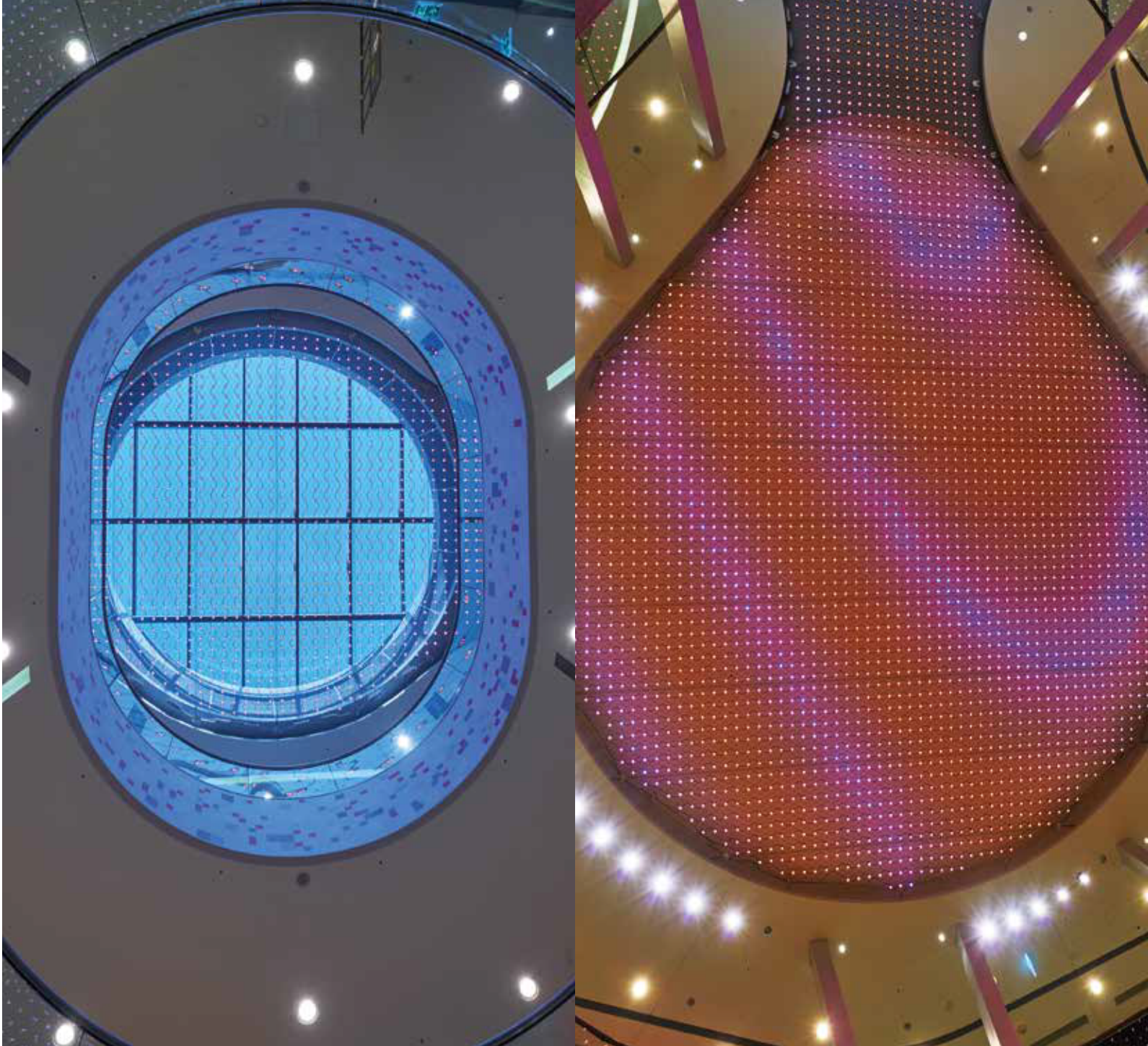


Intelligent control concepts

InstaLighting's control concepts make luminaires and buildings intelligent. For instance, this allows for a significant reduction in a lighting system's energy consumption, the analysis of user data, and more efficient building management. The digitalization of luminaires opens up new possibilities for facility managers, lighting designers, investors, and users.

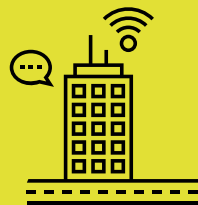
In the retail sector, intelligent lighting control can be used to adjust artificial lighting to match daylight—via indoor motion sensors—or to achieve cost savings.

InstaLighting also possesses extensive expertise and many years of experience in control technologies for lighting systems of varying scale and complexity—ranging from simple lighting control in individual rooms to the integration of sensors and actuators in large buildings—particularly when it comes to the emotional staging of shopping centers or the implementation of human-centric lighting.



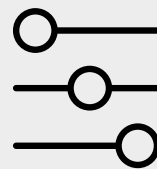
Building automation with KNX

25 years of expertise in building automation with KNX



Integration of common control technologies

OEM lighting concepts with DALI, Casambi, and many others



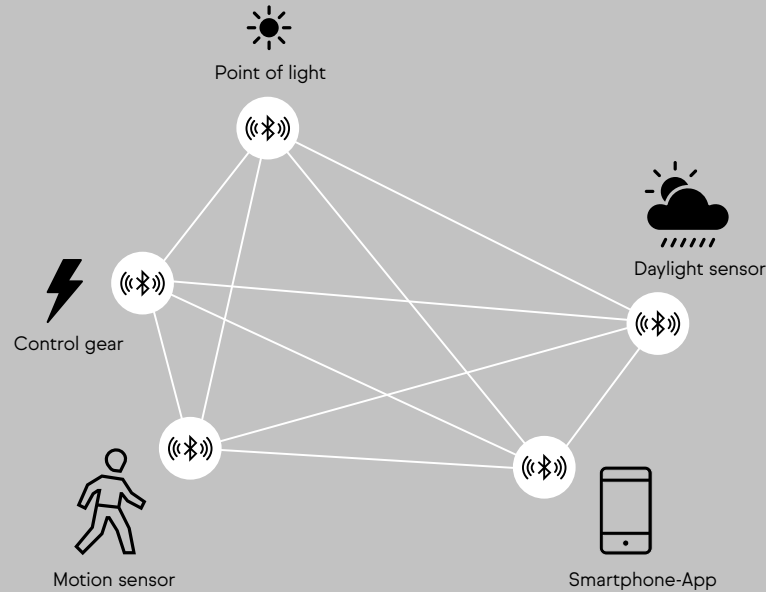
Scenic architecture with instalight Controll

The solution for complex, dynamic lighting concepts using DMX.



Control via mesh networks

Controlling individual light points wirelessly via Bluetooth or Zigbee enables cloud-based lighting management (for example, via an app) as well as simple installation. Light distribution can be adapted to various needs and scenarios. Mesh networks offer an uncomplicated and efficient solution for energy-related retrofitting.

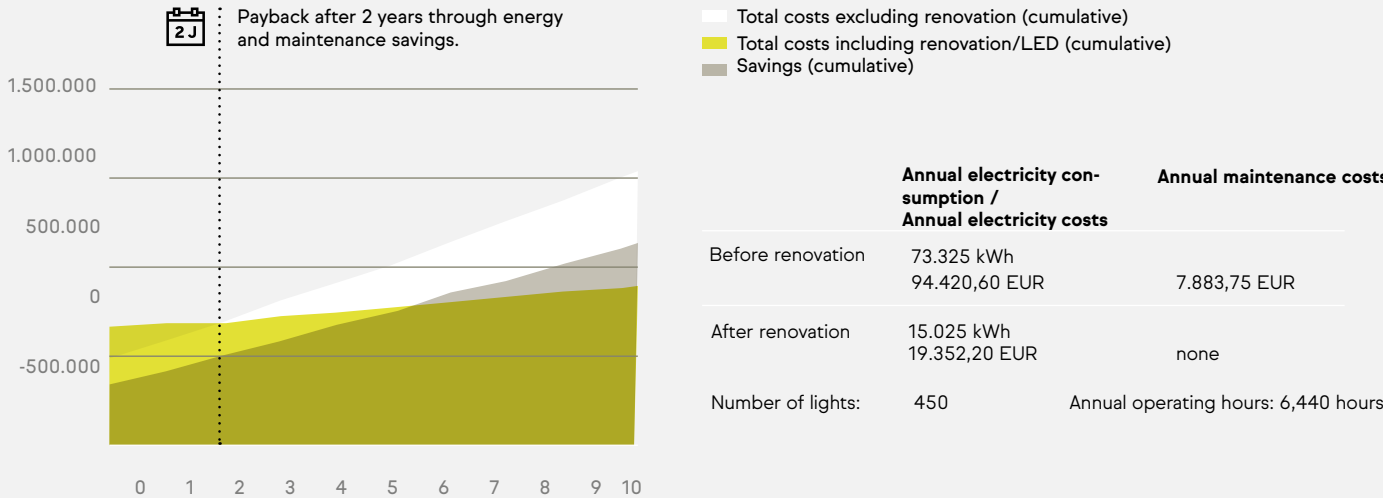


Energy Balance and Payback Period

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.

In addition, digital and intelligent control systems can significantly reduce energy consumption while simultaneously enhancing the quality of the indoor environment and creating an appealing atmosphere. Careful planning is the key to a successful energy-efficient renovation, enabling full exploitation of potential and access to a wide range of government funding programs.

Example scenario: Retrofitting a shopping mall, location: Germany, 2019



Emissions

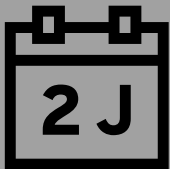
In this scenario, 233.8 tonnes of CO2 are saved per year.



German energy mix 2019, estimated;
source: UBA, Climate Change 13/2020, p. 9

Break Even

The investment pays for itself after two years.

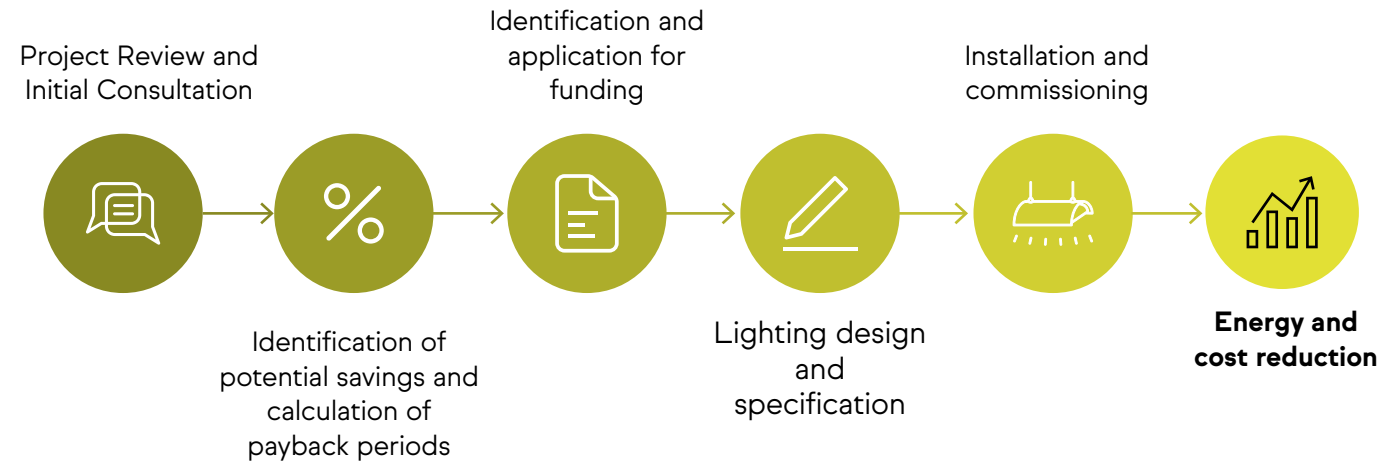


Savings

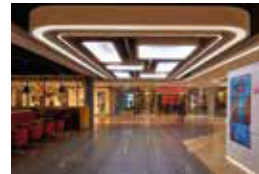
approx. 600,000 euros within 10 years



The path to energy-efficient renovation – from a single source



for malls, shops, showrooms, and flagship stores



**Themed Areas
and Foyers**
page 20



Daylight scenarios and Human Centric Lighting
page 12



Corridors and circulation areas
page 15



Food Court and Dining
page 18



**Modular solutions
for various ceiling
constructions**
page 16



Custom solutions and energy-efficient renovation
page 19



**Outdoor areas
and facades**
page 14



Sales areas
page 22

InstaLighting offers high-quality lighting solutions for malls, shops, and display areas such as showrooms and flagship stores. Leveraging our modular NoLimit lighting system, the new Elements technology platform, our expertise in lighting control, an extensive luminaire portfolio, and years of experience in implementing custom solutions, we develop holistic lighting concepts that meet the highest standards and diverse requirements.



The Löhr Center in Koblenz is one of the largest shopping centers in Rhineland-Palatinate. It houses more than 130 shops across an area of 32,000 square meters. To structure the mall's various sections and help visitors find their way, distinct zones—each with its own architectural identity—were created and unified through the use of light and color. In the „Lobby,“ a green-and-yellow color scheme fosters a pleasant, warm atmosphere. The „Boutique“ area is defined by a fashion-oriented palette of red, blue, purple, and turquoise, while the „Collection“ zone shines in evocative shades of red, purple, and yellow.

The mall's ambient lighting is set to 4,000 Kelvin during the day, featuring a balanced mix of general and accent lighting. An outdoor sensor measures brightness levels, dynamically adjusting the mall's lighting atmosphere to match external conditions. This allows the interior to shift from the feel of an overcast sky to a sunny day, while evening lighting transitions into a relaxed, twilight mood. To achieve this, the LEDs in the day/night fixtures slowly fade in and out, and the color temperature of the lights behind the colored ceiling elements is dynamically adjusted. The lighting thus follows a natural rhythm, enhancing both well-being and the overall quality of the visitor experience.

Löhr Center Koblenz

Dynamic daylight scenarios enhance the quality of the environment and increase the time spent there.



Recessed Downlight DL5 Day/Night
→ page 24



NoLimit modular lighting system
recessed profile → page 30

Operator/Developer:
ECE Marketplaces GmbH & Co. KG

Suitable product solutions:
DL5 Day/Night recessed downlights,
NoLimit recessed profile, NoLimit Pixel





Nova Eventis Leipzig

Custom solution: illuminated sphere and LED glass facade

A focal point within the overall setting—comprising the service building and the facing façade of the Nova shopping mall in Leuna, near Leipzig—is an elevated sphere made of acrylic tiles; by day, it resembles a colorful beach ball dancing atop an oversized wave. At night, each individual panel is illuminated separately, creating a matrix in which every panel functions as a pixel. The sphere thus transforms into an animated object capable of displaying a wide range of dynamic, bold light patterns.



Operator/Developer:
ECE Marketplaces GmbH & Co. KG

Suitable product solutions:
Custom LED spotlight,
OS5 miniature spotlight

ADAC Customer Center Koblenz

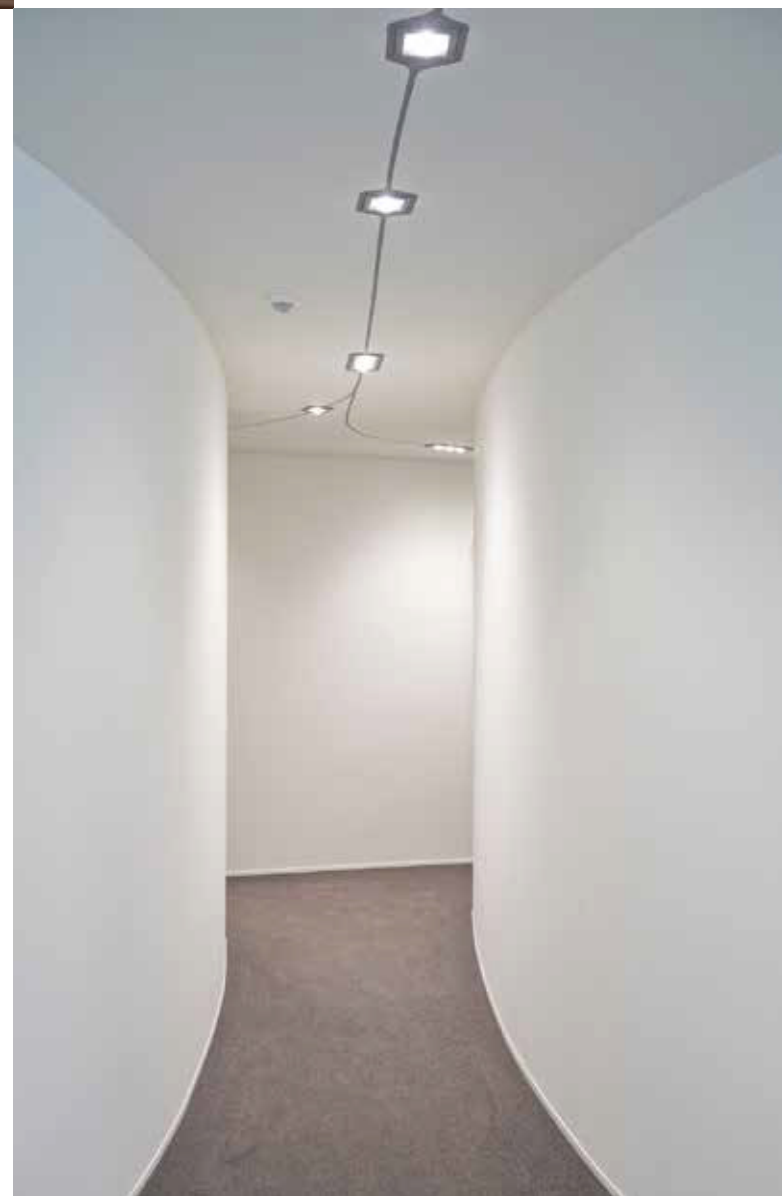
Corridors and circulation areas

Connections play a special role in the ADAC building. Glass surfaces separate individual offices from the corridors while simultaneously creating visual links. Ceiling lines evoke themes characteristic of the ADAC, such as roads, mobility, and navigation. Color-accentuated islands encourage interaction.

General lighting in the corridors is provided by downlights that distribute light evenly. Employees can individually adjust the lighting levels in their offices, while automatic shut-off is controlled by presence detectors.



Recessed downlight DL2 | powered by Elements
→ page 26



Möbel Martin Saarbrücken

Biodynamic lighting in retail

The lighting in the new Möbel Martin store in Saarbrücken follows the sun's natural path and is based on biological insights: Human Centric Lighting (HCL) creates dynamic lighting scenarios that support the human biorhythm, thereby enhancing the quality of the environment and promoting well-being—even in interior spaces lacking access to daylight. Sensors measure outdoor daylight intensity and transmit this data to the lighting control system, which adjusts the indoor atmosphere accordingly.

With the modular NoLimit system, both general and accent lighting can be implemented across the entire area using a unified design language and a wide range of beam angles and optics—from wallwashers and spotlights to linear lighting. NoLimit integrates seamlessly into various ceiling constructions and can be used as a recessed, surface-mounted, or pendant luminaire.

Operator/Client:
Möbel Martin GmbH & Co. KG

Suitable product solutions:
NoLimit plaster-in profile,
NoLimit Pixel spotlight (rotatable)

NoLimit modular lighting system
Pixel | powered by Elements
→ page 30



NoLimit modular lighting system
Pixel-Strahler, rotatable | powered by Elements
→ page 30





Rhein Center Cologne

Redesign of the atrium and refurbishment of the luminous ceiling

The renovation of the luminous ceiling at the Rhein-Center Cologne aimed to reduce energy and maintenance costs by 90 percent. Furthermore, the existing glass and metal components were reused in accordance with Cradle-to-Cradle principles.

To convert the ceiling lighting to LED, the project utilized a combination of custom solutions and elements from the „NoLimits“ modular lighting system. The luminous ceiling consists of six wide LED light strips featuring RGB and Tunable White capabilities. Combined with a holistic control concept, this created a striking lighting solution that imbues the space with emotional resonance while simultaneously meeting all functional requirements regarding product presentation, safety, and customer wayfinding.

Operator/Developer:
ECE Marketplaces GmbH & Co. KG

Suitable product solutions:
NoLimit Pixel
LEDLUX light line

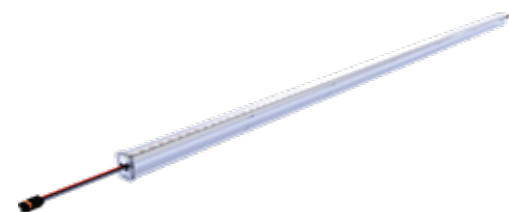


NoLimit Pixel | powered by Elements
→ page 30

G DATA Campus Bocum

Corporate Architecture through Light

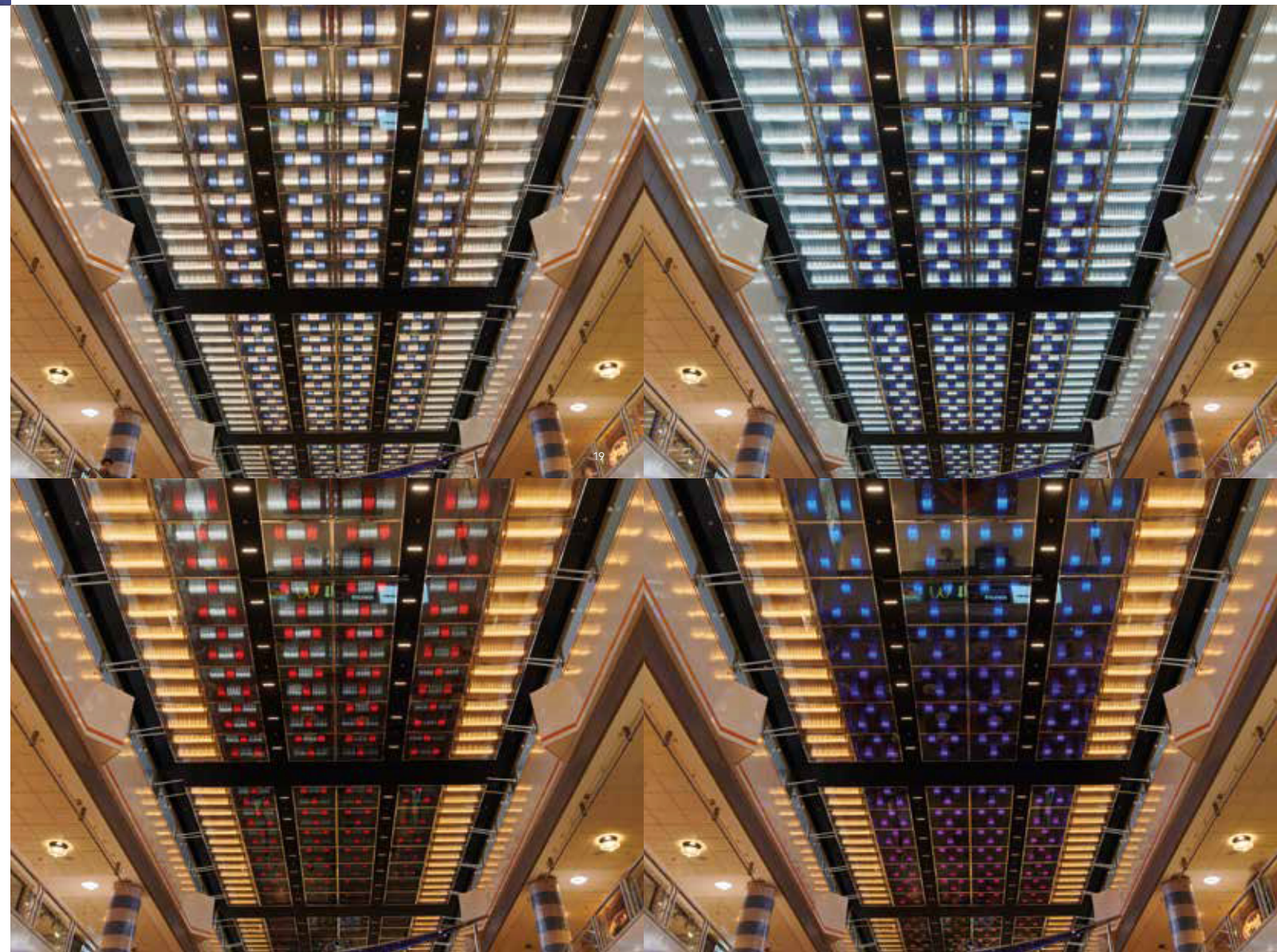
For over 30 years, G DATA Software AG has been ensuring security in the digital world. As early as 1987, the IT pioneer from Bochum developed the world's first antivirus software. Located on a former industrial site, the company headquarters is focused down to the last detail on G DATA's core competence: a ceiling sculpture made of light connects all parts of the building. The design is adapted to suit varying requirements—spectacular in the entrance area, industrial in the event space, and welcoming in the dining areas.



LEDLUX light line | powered by Elements
→ www.instalighting.de

Operator/Client:
G DATA CyberDefense AG

Suitable product solutions:
NoLimit recessed profile,
NoLimit Pixel LEDLUX light line





Operator/Building Owner:
ECE Marketplaces GmbH & Co. KG

Suitable Product Solutions:
NoLimit Pixel
NoLimit Linear Diffuse
Recessed Downlight DL5 Day/Night
NoLimit Recessed Profile

Recessed Downlight DL5 Day/Night
→ page 24



Olympia Shopping Center Munich

Design of themed areas and foyers

The Olympia Shopping Center (OEZ) in Munich is one of the city's highest-grossing retail properties. Shortly before its 50th anniversary, the OEZ underwent extensive renovation. Spanning over 56,000 square meters, it houses 135 shops as well as areas for dining and entertainment. The center's comprehensive refurbishment features a modern mall concept organized around the themes „Love to shop,“ „Love to shop cool,“ „Love fashion,“ and „Love food.“ A new lighting concept creates a distinct, modern, and welcoming atmosphere for each of these themed areas.

The flexible NoLimit modular system combines accent and ambient lighting, creating a rhythmic ceiling pattern through a dynamic linear grid. The system is also employed in the atrium, where luminaires are subtly integrated into archways that simultaneously serve as a support structure for decorative lighting elements.

Finally, DL5 day/night downlights create an interplay between focal points of light and soft ambient illumination, all without compromising the quality of the overall lighting scheme. The result is a varied and stimulating environment that enhances the quality of the space and encourages customers to stay longer.



Cotta Herford

Flexible product presentation in large spaces

The Cotta Group manufactures high-quality seating and living room furniture. At its new customer center in Herford, the company showcases its entire product range—spanning upholstered furniture and beds to furnishings for dining and living areas—across an expanse of more than 7,000 square meters.

To accommodate the showroom's constantly changing product lines and offerings, 1,500 XT420 track-mounted spotlights—capable of both rotation and tilting—were installed on a ceiling-suspended support system. The various reflectors can be easily swapped out using a bayonet mount, allowing for precise lighting alignment throughout the hall and easy adjustment to changing requirements.

Operator/Client: COTTA Collection AG

Suitable product solutions:
LT2 XT420 track spotlights



Track spotlights LT2 XT420

→ page 36

Cube Store

Retail spaces on the right track

The Cube Store in Paderborn is a paradise for sporty road cyclists, demanding mountain bikers, relaxed city cruisers, and cycling families. To allow for flexible lighting placement within the hall—which boasts a ceiling height of over five meters—a track lighting system was installed, enabling the lighting to adapt to changing display layouts and requirements. More than 260 LT2 XT track spotlights ensure that bicycles, apparel, gear, accessories, and nutritional products are always perfectly showcased across various vertical and horizontal display areas. Thanks to their dark, powder-coated finish, the fixtures themselves remain virtually invisible, thereby enhancing the room's open and spacious atmosphere.



Track Spotlight LT2 XT440

→ page 37

Operator/Client:
Liquid-Life GmbH

Suitable product solutions:
Track spotlights LT2 XT420, 430, 440



Recessed downlight DL5

Day/night light

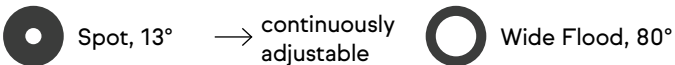


This high-output downlight is known as a day/night luminaire and is frequently used in retail environments. Its integrated optics are continuously adjustable between 13° and 80°. Using DALI DT8, the DL5 produces a virtually constant luminous flux across the entire color temperature range. Mimicking natural light rhythms enhances well-being and extends the time customers spend in the store.

Available light colors



Optics and light distributions



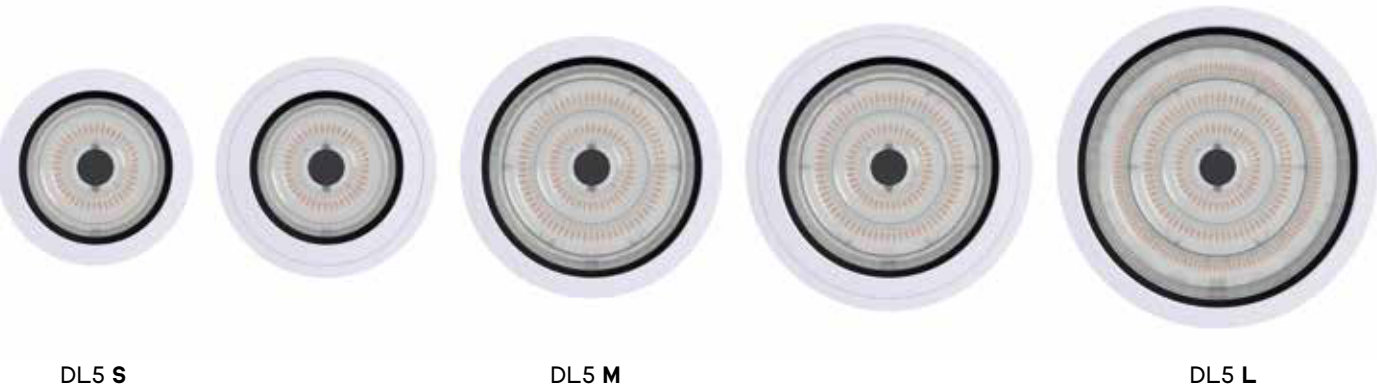
Lifespan	L80B10 60.000h @25°C
Ambient temperature	+5 ... +35°C
Storage and transport temperature	-25 ... +70°C
Housing material	Aluminium
Glow-wire resistance	650°C
Protection class	III

Degree of protection	IP20
Impact resistance	IK06
Connection type	Molex connector, 4-pin
Color fidelity	SDCM3
Color rendering	> 90

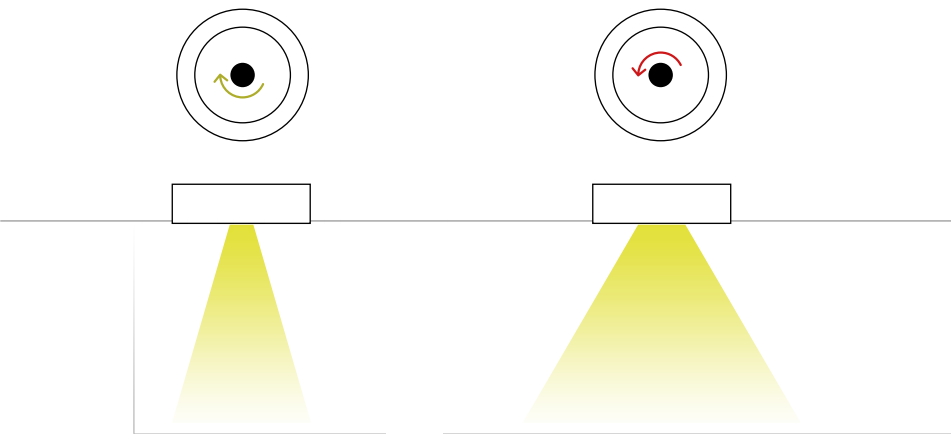


The perfect solution for energy-efficient renovations and retrofits

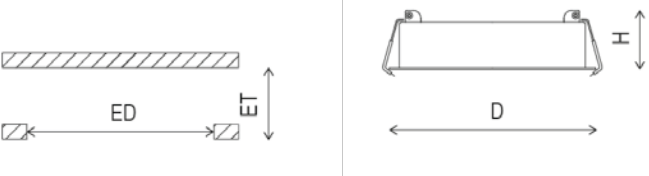
DL5 downlights are available in three sizes with diameters ranging from 13 to 26.5 cm. The luminaire can be adapted to any intermediate mounting dimension using a ring system.



Tool-free adjustable beam angle while installed.



Dimensions



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

Product code	Beam angle	Light color	Luminous flux	Efficiency	Control/Actuation
DL5 EB S WH 13-80 930	13° to 80°	3.000 K	1.950 lm	122lm/W	CC
DL5 EB S WH 13-80 940	13° to 80°	4.000 K	2.010 lm	122lm/W	CC
DL5 EB S WH 13-80 TW	13° to 80°	TW (2.700 ... 5.000 K)	1.840lm @2.700 K 2.040 lm @5.000 K	122lm/W	CC (dt8)
DL5 EB M WH 13-80 930	13° to 80°	3.000 K	5.370 lm	122lm/W	CC
DL5 EB M WH 13-80 940	13° to 80°	4.000 K	5.540 lm	122lm/W	CC
DL5 EB M WH 13-80 TW	13° to 80°	TW (2.700 ... 5.000 K)	5.060lm @2.700 K 5.620lm @5.000 K	122lm/W	CC (dt8)
DL5 EB L WH 13-80 930	13° to 80°	3.000 K	8.300 lm	122lm/W	CC
DL5 EB L WH 13-80 940	13° to 80°	4.000 K	8.550 lm	122lm/W	CC
DL5 EB L WH 13-80 TW	13° to 80°	TW (2.700 ... 5.000 K)	7.810 lm @2.700 K 8.680lm @5.000 K	122lm/W	CC (dt8)

Downlight DL2
powered by Elements



DL2 downlights are based on InstaLighting’s new “Elements” 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.

Precision micro-reflectors ensure maximum light control within a minimal footprint, directing light exactly where it is needed. Luminaires featuring Elements offer flicker-free dimming and consistent light quality across the entire portfolio—covering all optics, output classes, and light colors.

Available light colors

2.200 K

2.700 K

3.000 K

4.000 K

TW

Optics and light distributions

Wide Flood, 72°

Flood, 57°

Medium, 30°

Spot, 13°

Wallwash Flood

Wallwash Medium

Life span	L80B10 60.000h @25°C	Color fidelity	SDCM 3
Ambient temperature	+5 ... +35°C	Color rendering	typ. 92
Storage and transport temperature	-25 ... +70°C	Installation dimensions: height [mm]	≥ 50 mm
Housing material	Aluminium	Installation dimensions	
Glow-wire resistance	650°C	Min. slab thickness [mm]	1 mm
Protection class	III	Installation dimensions	
Degree of protection	IP20	Max. slab thickness [mm]	25 mm
Connection type	free cable end		

CC

MONO

TW

Elements

INTERIOR

IP20

LED

MADE IN GERMANY

SDCM 3

CASAMBI

Variants

1 x 2 / single-breasted



1 x 4 / single-breasted



1 x 6 / single-breasted



variant			
L (mm)	108 mm	190 mm	272 mm
W (mm)	67 mm	67 mm	67 mm
D (mm)	47 mm	47 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



variant		
L (mm)	108 mm	190 mm
B (mm)	108 mm	108 mm
D (mm)	47 mm	47 mm
Luminous flux	950 – 1.680 lm	1.900 – 3.360 lm

Product code

DL2

2x4

BL

922

SP

CC

S

Variants
1 x 2
1 x 4
1 x 6
2 x 2
2 x 4

922 2200 K
927 2.700 K
930 3.000 K
940 4.000 K
TW 2200-5700 K

SP
ME
FL
WFL
WWME
WWFL

Spot (13°)
Medium (30°)
Flood (57°)
Wide Flood (72°)
Wallwash Medium
Wallwash Flood

S Simultaneous activation

CC Constant current

BL black other colors available upon request

NoLimit
Modular lighting system

NoLimit is an innovative linear LED system that allows architects, planners, and clients to take charge of realizing their lighting projects. The foundation of NoLimit is a modular system consisting of clearly defined components: profiles, light inserts, and control gear.

Everything is coordinated and designed for easy configuration. It is an open, scalable system that continuously adapts to current developments.



Pendulum
profile

Plaster-in profile

Installation profile

Surface-
mount
profile
105

Mounting profile 70

Pivot, tilt and swivel function

Blanking plate

Power supplies

Linear Optics

Pixel spotlight,
rotatable and tiltable

Linear diffuse

Pixel

Optic

Accent, rotatable

NoLimit

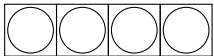
Modular lighting system

All dimensions in mm

NoLimit Pixel PX | powered by Elements



82

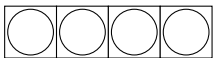


164

NoLimit Pixel spotlight PXS, rotatable and tiltable | powered by Elements



82



164

NoLimit Akzent HA, rotatable and tiltable



41

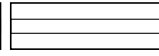
NoLimit Pivot PV, rotatable | powered by Elements



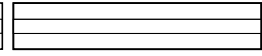
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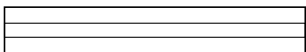
672



1.000



1.650



1.975

NoLimit Linear Diffus LDF



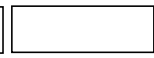
250



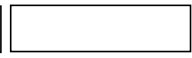
493



736



979



1.223



1.466



1.709



1.952

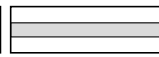
NoLimit Linear Optik LO, rotatable



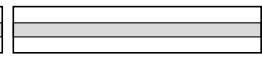
336



672



1.000



1.650

NoLimit | powered by Elements

Elements ist die modulare Technologie-Plattform von InstaLighting für maximale Ansprüche an Lichtqualität und Flexibilität in der Planung.



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



TW



RGB



Diffus



2.200 K



2.700 K



3.000 K



4.000 K



TW



RGB



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

NL Installation profiles

Pendulum profile

Mounting profile
70

Mounting profile
105

Installation profile

Installation profile

Blanking plate

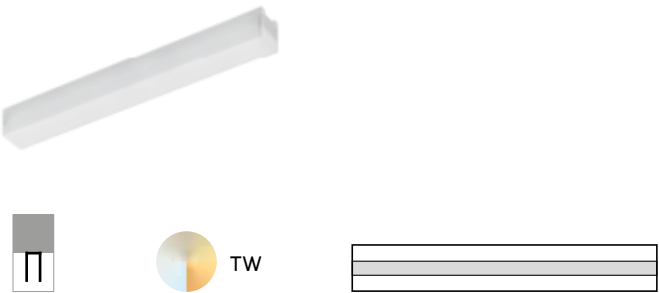


NoLimit modular lighting system

Example applications



A pergola of light
The pergola consists of five arches connected by two cross-braces. The entire structure is made from a large NoLimit profile. The illuminated inner surfaces of each arch are fitted with NoLimit Linear Diffuse inserts and integrated power supplies.



A single pergola consists of

NoLimit surface-mounted profile 105 – miter-cut and welded	NL MK AB105 WH	50 x 105 mm
Light insert NoLimit Linear Diffuse	NL LDF2750 WSX 1952 CC DT8	1.700 lm/m
NoLimit power supply units incl. wiring	NL PSU CC 50 DA DT8 TW	



Pivoting specialty light, for example as a shelf light for the retail sector.
The spotlight inserts from the NoLimit system can also be used without a luminaire profile—for example, as a swiveling light mounted on a custom-made bracket.

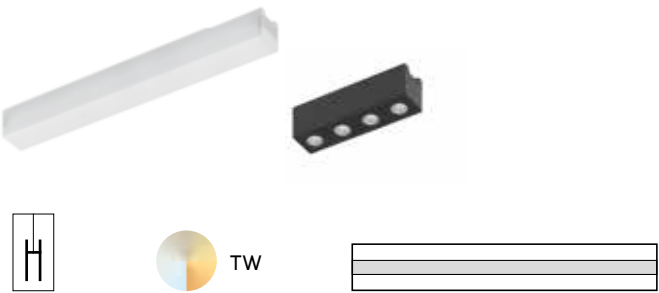


A single pergola consists of

NoLimit Pivot in 1,5 m	NL PV 1466 TW	xx
Special bracket for mounting to the ceiling structure, pre-assembled		



Integration into a wooden slat ceiling
The NoLimit High Power Linear is suspended as a pendant luminaire between the wooden slats, blending seamlessly into the overall ceiling structure. The lines of light create a rhythmic pattern across the ceiling and lend the room a distinctive dynamism.

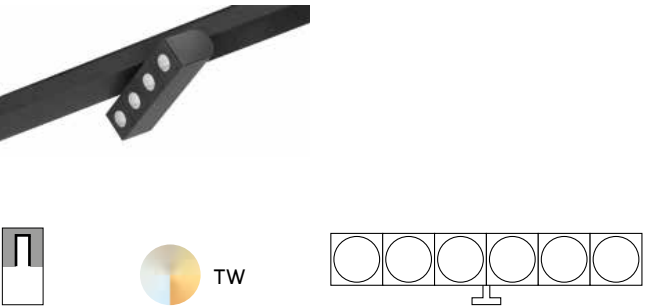


A single pendant light consists of:

3.3 m long pendant profiles incl. cable suspension	NL MK PE EH	50 x 125 mm
Light insert NoLimit Linear Diffuse	NL LDF2750 WSX 1466 CC DT8	2.540 lm
NoLimit Optics light insert, 2 pieces	NL PIXEL2750 W30 0246 CC	1.710 lm
NoLimit power supply units incl. wiring	NL PSU CC 50 DA DT8 TW	



Lighting for the atrium and retail areas
The atrium is fitted throughout with NoLimit recessed profiles. The NoLimit Pixel spotlights are flush-mounted in the ceiling and reach every point in the product display area as well as the open seating area.



A 6 m NoLimit plaster-in luminaire with pixel spotlights consists of:

6 m long plastering profile	NL MK PE EH	50 x 125 mm
NoLimit Pixel spotlight insert with flood optics, 8 pieces	NL PXS 1x6 TW WH FL 246 CC	1.650 lm
NoLimit power supply units incl. wiring	NL PSU CC DA DT8 TW	

Track spotlight LT1 Stratas
XIC

Optimal light quality and
color rendering



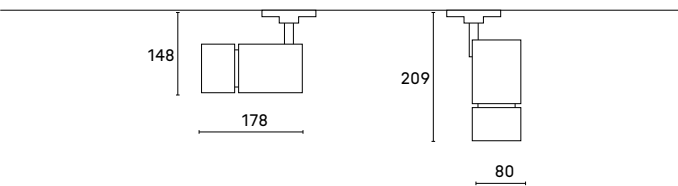
Strata track spotlights are distinguished by outstanding light quality—particularly in terms of color rendering. Originally designed for museum applications, these luminaires are ideally suited for

showcasing high-end products in showrooms or flagship stores. Their track-mounted design allows the light to be directed flexibly and precisely throughout the space.

Available light colors



Dimensions



Optics and light distribution



Life span	L70/B0/F0: 50.000h	Housing material	Aluminium
Ambient temperature	+5 ... +35°C	Protection class	II
Storage & transport temperature	-25 ... +70°C	Degree of protection	IP20
Voltage	AC 220 ... 240 V	Connection type	Track system
Rated frequency	50 / 60 Hz	Color fidelity	SDCM ≤ 1x2
Weight	1,3 kg	Color rendering	typ. 98

Product code	Beam angle	Light color	Luminous flux	Control
LT1 XIC 11 WH 930 Poti	11°	3.000 K	1.050 lm	Poti
LT1 XIC 11 WH 930 Poti DALI	11°	3.000 K	1.050 lm	Poti & DALI
LT1 XIC 20 WH 930 Poti	20°	3.000 K	1.800 lm	Poti
LT1 XIC 20 WH 930 Poti DALI	20°	3.000 K	1.800 lm	Poti & DALI
LT1 XIC 40 WH 930 Poti	40°	3.000 K	1.800 lm	Poti
LT1 XIC 40 WH 930 Poti DALI	40°	3.000 K	1.800 lm	Poti & DALI
LT1 XIC 50 WH 930 Poti	50°	3.000 K	1.800 lm	Poti
LT1 XIC 50 WH 930 Poti DALI	50°	3.000 K	1.800 lm	Poti & DALI
LT1 XIC WW WH 930 Poti	Wallwash	3.000 K	1.800 lm	Poti
LT1 XIC WW WH 930 Poti DALI	Wallwash	3.000 K	1.800 lm	Poti & DALI



Track spotlights
LT1 Stratas MB

Optimal light quality and
color rendering

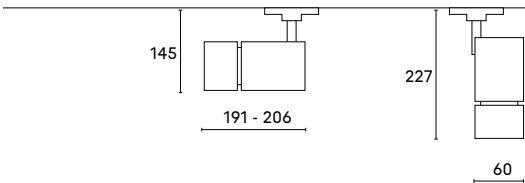


Strata's track spotlights are equipped with Xicato LED modules that, with a CRI of 98, closely replicate the quality of natural light.

Available light color



Dimensions (mm)



Optics and light distribution



Life span	L70/B0/F0: 50.000h	Housing material	Aluminium
Ambient temperature	+5 ... +35°C	Protection class	II
Storage & transport temperature	-25 ... +70°C	Degree of protection	IP20
Voltage	AC 220 ... 240 V	Connection type	Stromschiene
Rated frequency	50 / 60 Hz	Color fidelity	SDCM ≤ 1x2
Weight	0,6 kg	Color rendering	typ. 98

Product code	Beam angle	Light color	Luminous flux	Control
LT1 Stratas MB 14 WH 930 Poti	14°	3.000 K	960 lm	Poti
LT1 Stratas MB 14 WH 930 Poti DALI	14°	3.000 K	960 lm	Poti & DALI
LT1 Stratas MB 30 WH 930 Poti	30°	3.000 K	1.300 lm	Poti
LT1 Stratas MB 30 WH 930 Poti DALI	30°	3.000 K	1.300 lm	Poti & DALI
LT1 Stratas MB 43 WH 930 Poti	43°	3.000 K	1.300 lm	Poti
LT1 Stratas MB 43 WH 930 Poti DALI	43°	3.000 K	1.300 lm	Poti & DALI
LT1 Stratas MB 60 WH 930 Poti	60°	3.000 K	1.300 lm	Poti
LT1 Stratas MB 60 WH 930 Poti DALI	60°	3.000 K	1.300 lm	Poti & DALI
LT1 Stratas MB Zoom WH 930 Poti	14° ... 48°	3.000 K	960 lm	Poti
LT1 Stratas MB Zoom WH 930 Poti DALI	14° ... 48°	3.000 K	960 lm	Poti & DALI
LT1 Stratas MB WW WH 930 Poti	Wallwash	3.000 K	2.150 lm	Poti
LT1 Stratas MB WW WH 930 Poti DALI	Wallwash	3.000 K	2.150 lm	Poti & DALI
LT1 Stratas MB WW PR 930 Poti	Kontur	3.000 K	960 lm	Poti
LT1 Stratas MB WW PR 930 Poti DALI	Kontur	3.000 K	960 lm	Poti & DALI



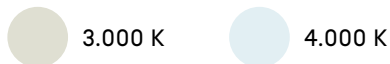
Track spotlights
LT2 XT420



The LT2 XT 420 is a classic track spotlight designed for targeted accent lighting in retail environments. Its die-cast aluminum housing and visible components are powder-coated. The spotlight can be rotated and tilted to ensure precise illumination.

Different reflectors are available for various applications and can be easily swapped using a bayonet mount. The power supply unit is integrated into the adapter for 3-phase track systems. Additional housing colors and finishes are available upon request.

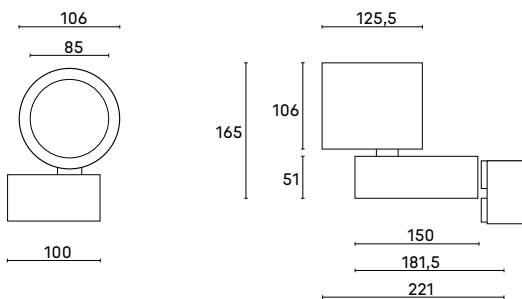
Available light colors



Optics and light distributions

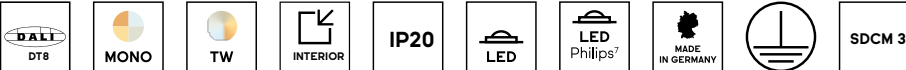


Dimensions



Life span	50.000 h	Housing material	Aluminium
Ambient temperature	+5 ... +35°C	Protection class	I
Storage & transport temperature	-25 ... +70°C	Degree of protection	IP20
Voltage	AC 220 ... 240 V	Connection type	Track system
Rated frequency	50 / 60 Hz	Color fidelity	SDCM 3
Weight	1,6 kg	Color rendering	typ. 92

Product code	Beam angle	Light color	Luminous flux	Control
XT420 4000LM 15 930 DA	15°	3.000 K	4070 lm	DALI
XT420 4000LM 15 940 DA	15°	4.000 K	4380 lm	DALI
XT420 4000LM 30 930 DA	30°	3.000 K	3980 lm	DALI
XT420 4000LM 30 940 DA	30°	4.000 K	4280 lm	DALI
XT420 4000LM 45 930 DA	45°	3.000 K	3880 lm	DALI
XT420 4000LM 45 940 DA	45°	4.000 K	4180 lm	DALI



Track spotlights
LT2 XT440



The LT2 XT 440 is a classic track spotlight designed for targeted accent lighting in retail environments. The die-cast aluminum housing and visible housing components are powder-coated. The heat sink is made of extruded aluminum, and the reflector is made of aluminum (polished and anodized).

The spotlight can be rotated 355° and tilted 180° for precise illumination. Various reflectors are available for different applications and can be easily swapped using a bayonet mount. The power supply unit is integrated into the adapter for 3-phase track systems, including the LED driver. Additional housing colors and finishes are available upon request.

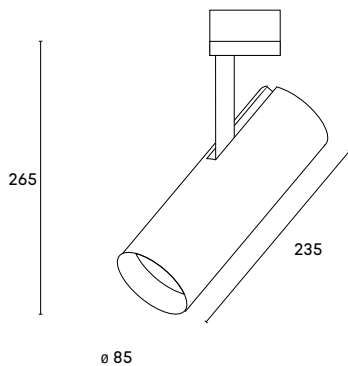
Available light colors



Optics and light distributions

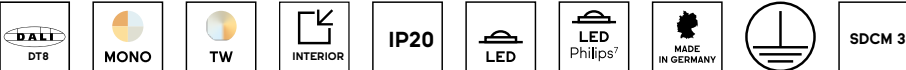


Dimensions



Life span	50.000 h	Housing material	Aluminium
Ambient temperature	+5 ... +35°C	Protection class	I
Storage & transport temperature	-25 ... +70°C	Degree of protection	IP20
Voltage	AC 220 ... 240 V	Connection type	Track system
Rated frequency	50 / 60 Hz	Color fidelity	SDCM 3
Weight	1,1 kg	Color rendering	typ. 92

Product code	Beam angle	Light color	Luminous flux	Control
XT440 3000LM 12 930 DA	12°	3.000 K	2880 lm	DALI
XT440 3000LM 12 940 DA	12°	4.000 K	3100 lm	DALI
XT440 3000LM 24 930 DA	24°	3.000 K	2910 lm	DALI
XT440 3000LM 24 940 DA	24°	4.000 K	3140 lm	DALI
XT440 3000LM 36 930 DA	36°	3.000 K	2740 lm	DALI
XT440 3000LM 36 940 DA	36°	4.000 K	2950 lm	DALI





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InstaLighting
Oststraße 14-16
59929 Brilon
Germany

T + 49 2351 65619-0

www.instalighting.de
info@instalighting.de