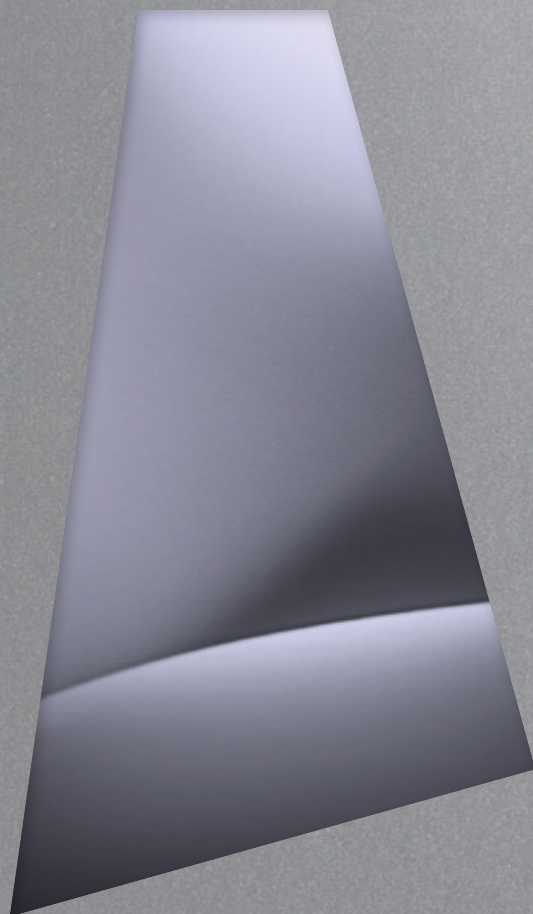


Crafting light for life





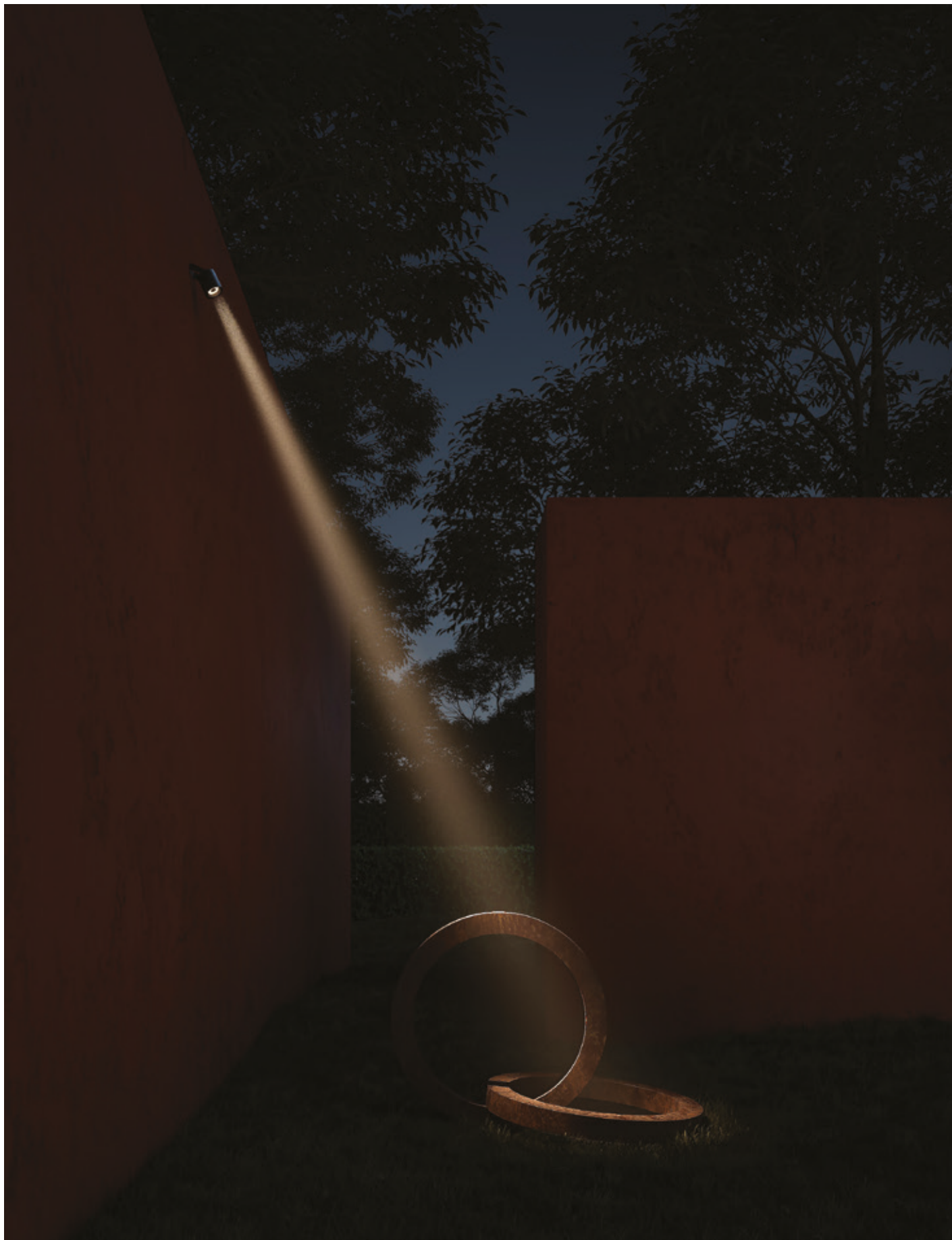


Table of contents

Manifesto	05
Born in the future	08
An LED-native company	12
Contemporary Minimalism	14
Light architecture	20
Long lasting products	28
Protection systems	32
Made in Luce&Light	34
Bespoke services and lighting	42
Responsible light	46

Manifesto

Light.

A physical phenomenon that transcends matter while also being used to describe various aspects of human experience associated with knowledge and creativity. Casting light, kindling light: the act of creation is central to giving substance to something that is ethereal and intangible.

Light sculpts spaces.

Clear, calm, soft, delicate, diffuse.

Vivid, colourful, direct, sharp, precise.

Light exists in the effect it creates and the sensation it leaves.

It is in this tension between visible and invisible that our design sits.

A lighting design that focuses on the wellbeing of all living creatures.

It stands for comfort and beauty, but also for respect for the dark –
for it is in the dark that life begins.

Luce&Light. Crafting light for life.



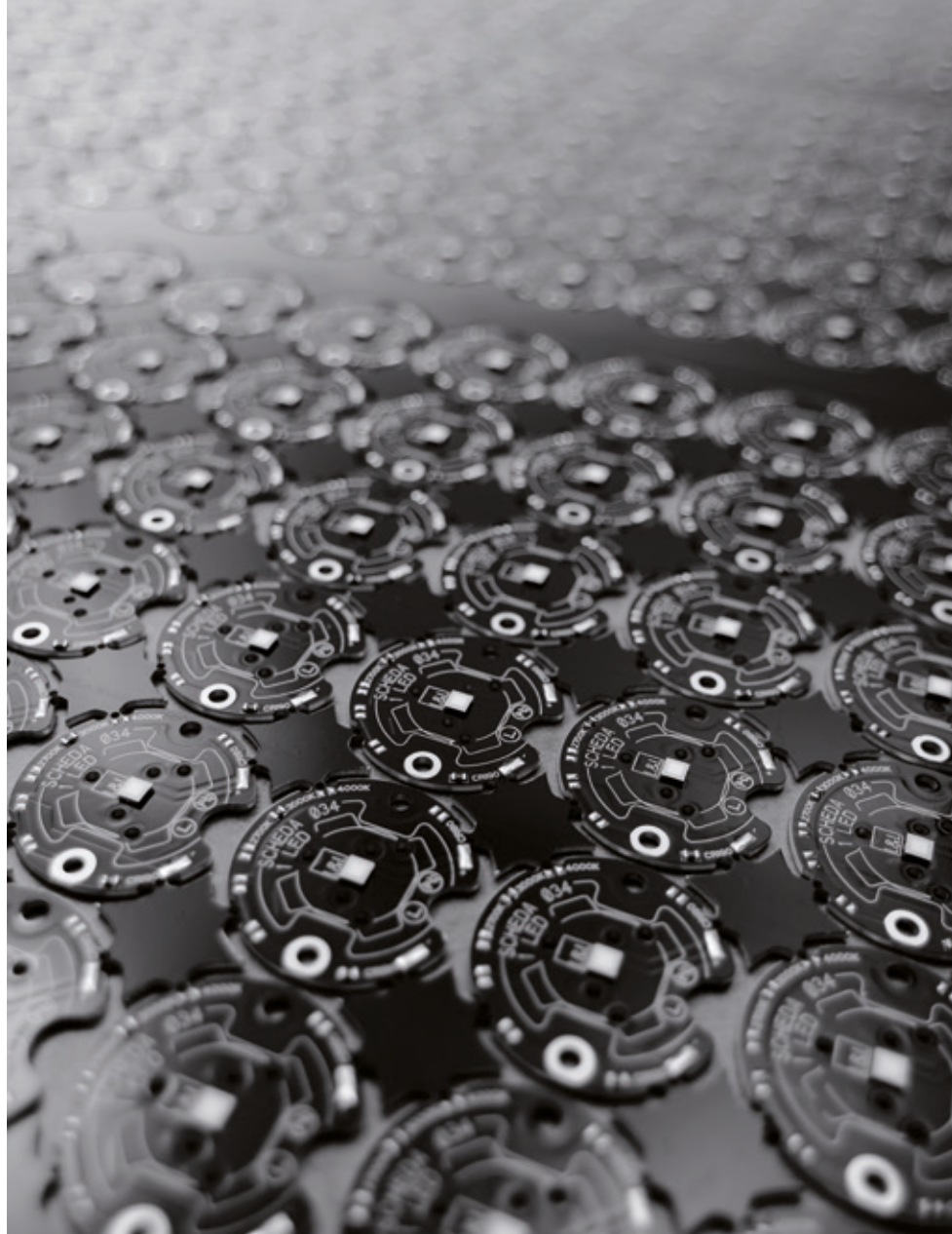


Our history

Born in the future

It all began in Vicenza in 2007 with an ambitious idea: to apply LED technology to the architectural lighting sector and produce high-quality fixtures entirely made in Italy.

Luce&Light was founded by Marco Celsan, Alfio Parise and Patrizia Framarin, who all came from the world of technical lighting. LED technology, as we know it today, was still in its infancy, and its adoption was far less widespread than that of other light sources used at the time. Within a few years, LEDs revolutionised the lighting sector, both technically and aesthetically. Curiosity and a passion for technology are still the driving forces behind our company, whose pioneering spirit has pushed it to develop expertise in electronics, mechanics, optics, and materials science. Another reason why our solutions illuminate projects by the most important international architects and lighting designers.





Know-how An LED-native company

We came into being with specific expertise in semiconductors, and, thanks to our combined technical and design skills, we saw the potential of LEDs to transform light.

Over time, this expertise has consolidated into a mission to illuminate and enhance architectural spaces with innovative, high-quality solutions, the fruits of advanced technology and a responsible ethos. Thanks to an in-house team of highly qualified designers and technicians, we follow every phase of the process, from design and prototyping to testing and full batch production. Innovation abounds in every detail: in our patented protection systems; our selection of LEDs and materials; and the design of optics, such as our very narrow 2°. But, above all, innovation is constantly present in every process, like the technological developments we have learnt to keep pace with.

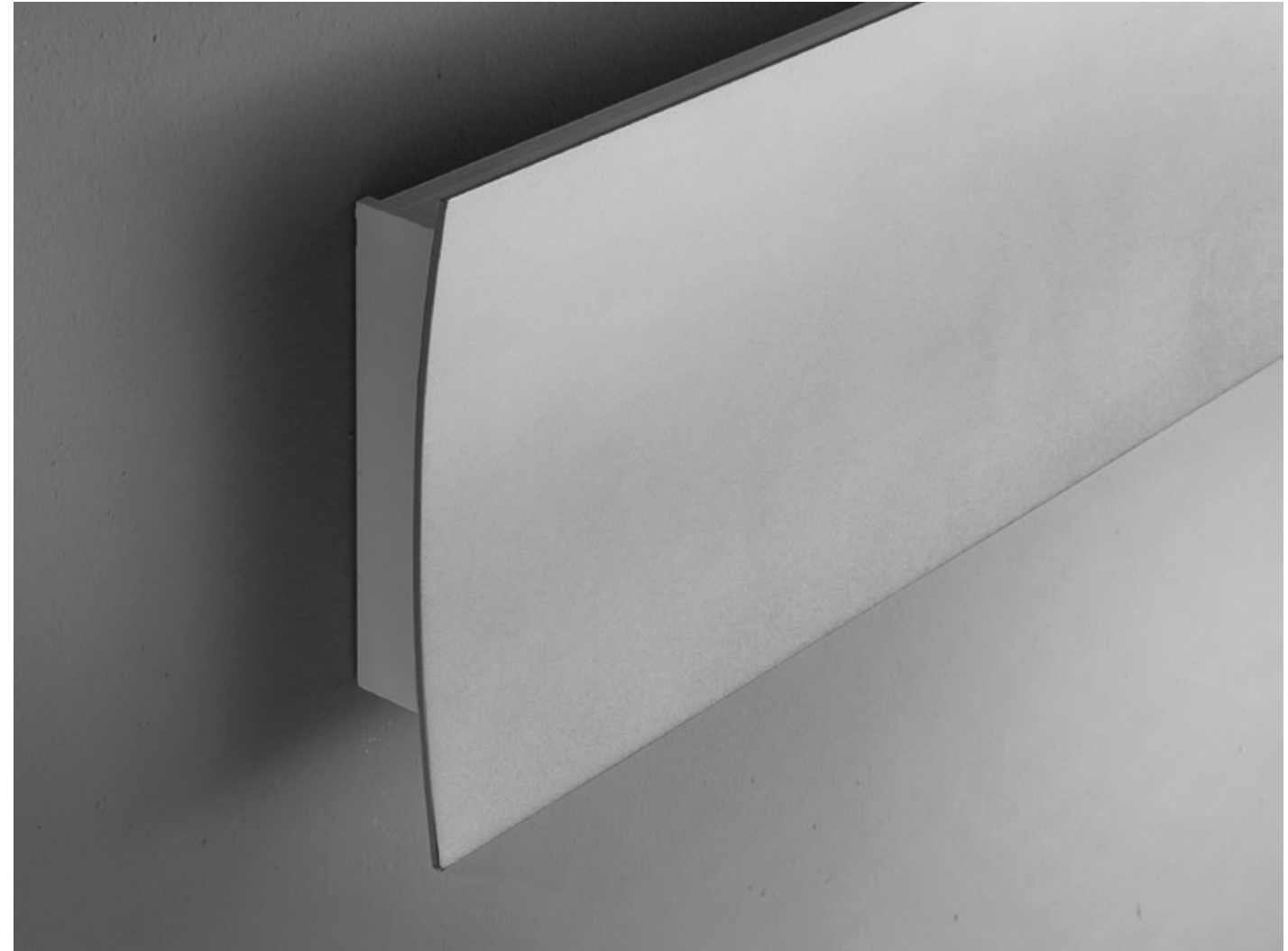
Design

Contemporary minimalism

LED technology has redefined the aesthetics of light through pure minimalism: points and lines with infinite possibilities.

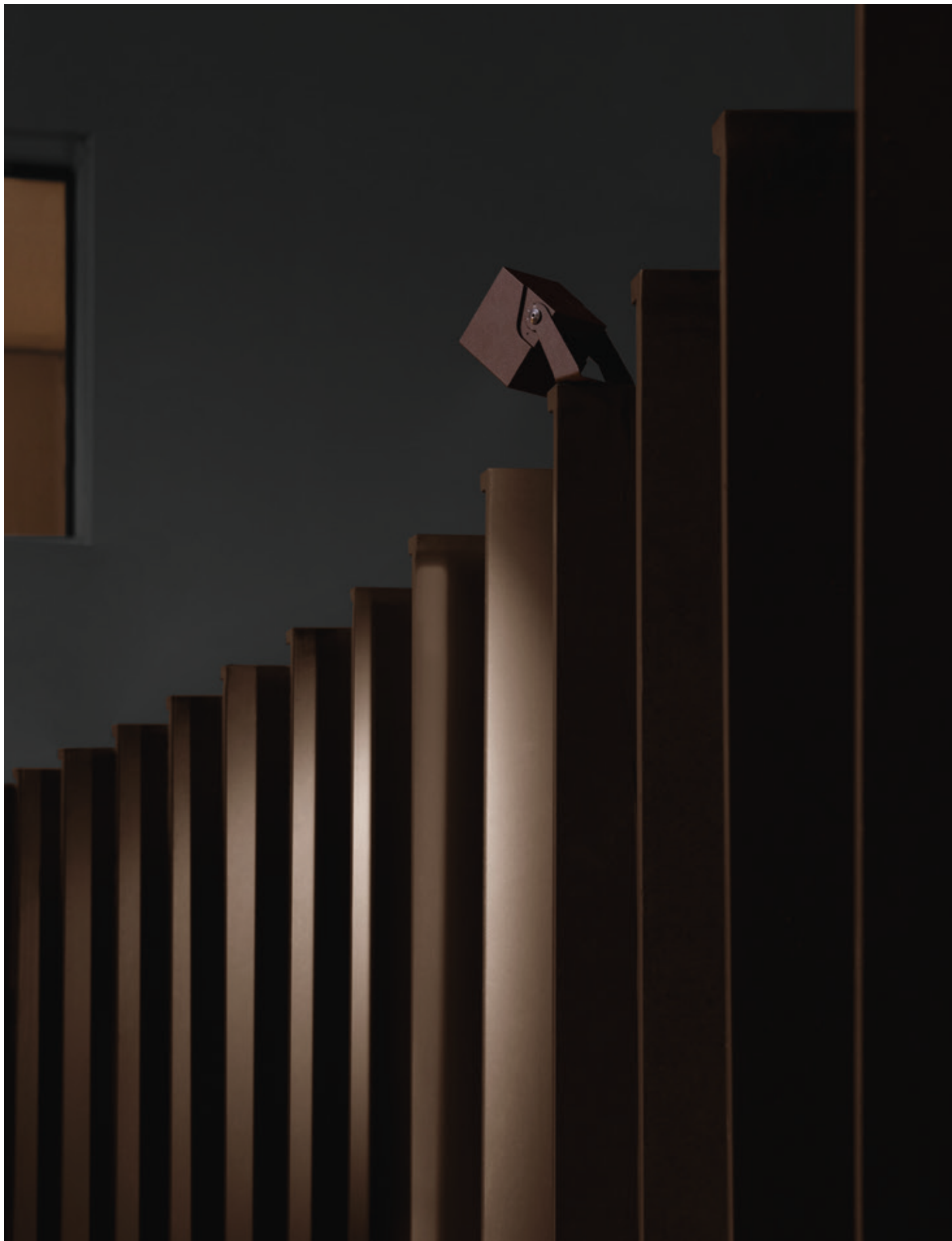
At Luce&Light, we take great care with every detail of the design – even the least visible ones. Shapes are linear, shorn of superfluous elements and devised to blend harmoniously into their surroundings, their extreme simplicity concealing the complexity of highly technological devices that guarantee lighting performance and long-lasting protection. The materials are high quality: aluminium, steel, glass, brass and wood. The colours are created to blend into the environment, letting light play the starring role: pure light, thanks to the optics' clean lines and the care taken with every mechanical detail. Materials and construction processes protect our fixtures' functionality and aesthetic appearance, even in the harshest conditions.





Projectors, recessed fixtures, linear profiles, bollards, wall-mounted fixtures, step lights and pendant lights: a complete range of solutions across the different collections.





Collections

Light architecture

From building facades to single blades of grass; from the top of skyscrapers to underwater applications; from domestic to public spaces: Luce&Light illuminates every kind of dimension.

We love an environmental challenge, and our Outdoor fixtures represent our design identity. We offer a complete collection conceived to meet architectural lighting needs with the utmost reliability – from accent lighting to powerful projectors and urban lighting. Where architecture combines with the landscape, our Landscape collection provides flexible, high-performance solutions that can blend into the natural scenery to preserve the authenticity of the vegetation. Our equally reliable Underwater products include lighting fixtures designed for temporary or permanent immersion in swimming pools, fountains, spas and other aquatic environments, including salt water. And, finally, our Indoor fixtures provide maximum visual comfort, high colour rendering indexes, and optics designed to enhance every environment – homes, hospitality, retail, museums, offices and places of worship.

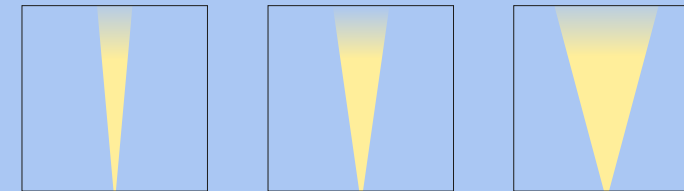


Whether facades, gardens, terraces or paths, Luce&Light's solutions enable you to illuminate every detail of a landscape and enhance its natural beauty with the perfect mix of functionality, aesthetic appeal and sustainability.



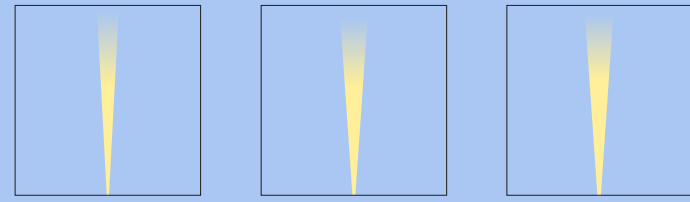


Our optics

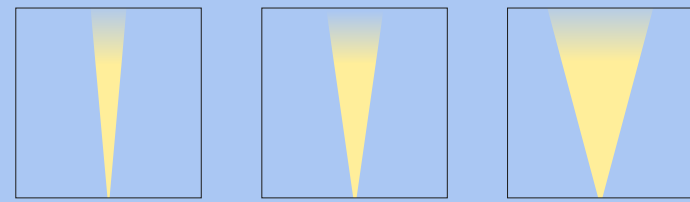


Each collection offers a complete range of fixed or adjustable optics, guaranteeing tailor-made solutions for every lighting need, even within the same product family. From rotationally symmetrical optics to fixed or adjustable elliptical optics; from wall washers to very narrow optics, such as 2°; and including special solutions such as the Light Shaper and shadow-effect filters: we bring light exactly where it is needed, in exactly the right quantity.

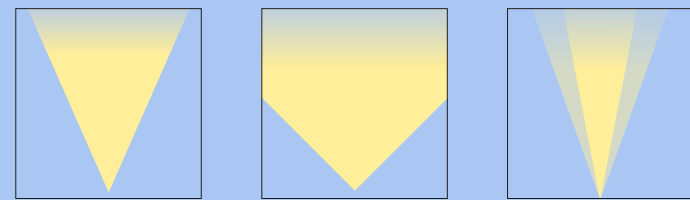




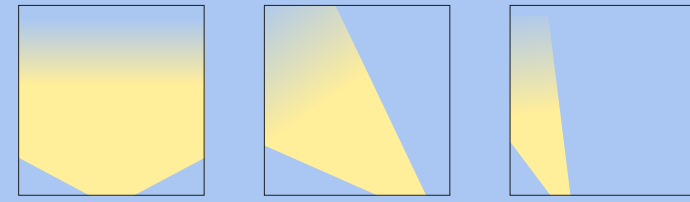
2° 5° 8°



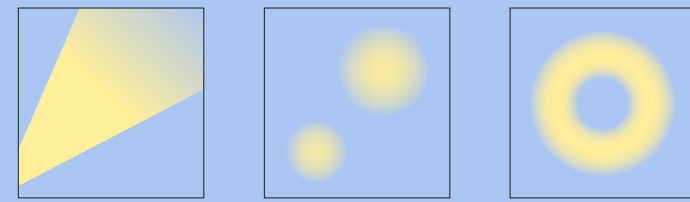
ultra-narrow narrow medium



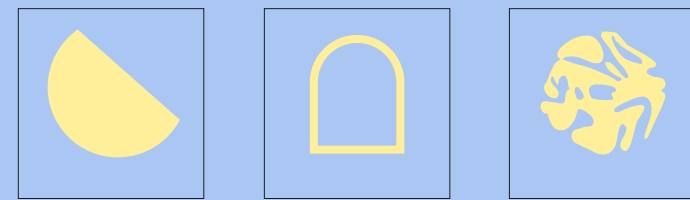
wide ultra-wide elliptical



diffuse wall washer wall grazing

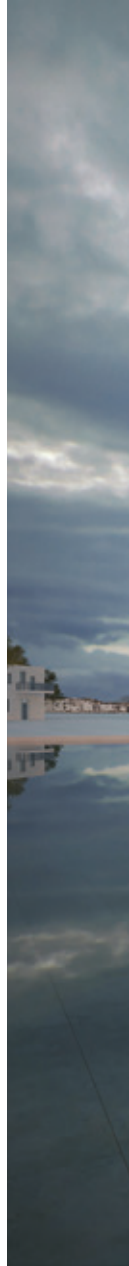


asymmetrical zoom lens radial 360



light shaper ultra-elliptical shadow filter





We believe that light can be shaped just like any other design material – and that it's the most captivating of them all. Along with a diverse selection of optics and colour temperatures, we provide a wide range of accessories and products compatible with a variety of dimming protocols. To improve visual comfort and control luminous flux, we have enhanced our collections with symmetrical and asymmetrical snoots, magnets to adjust the zoom and orientation of our optics, honeycomb louvres and partially opaque screens.

To create dynamic ambiences and constantly changing light scenes that adapt to the needs of the moment, we have introduced technologies such as Tunable White, Dim to Warm and DALI-2 protocols, which let you vary colour temperature and brightness.





Tests and protection systems patented by L&L Long-lasting products

To guarantee maximum reliability, we carefully test the devices' electronic components and their mechanical and thermal stress resistance.

Thermal tests

We test the heat dissipation capacity of the fixtures' materials and key components to ensure the LED sources' durability and, where present, the power supply units' full and continuous functionality.

Environmental chamber

We subject the fixtures to cycles at high and low temperatures (+70°C and -20°C) to generate thermal and mechanical stress and accelerate product ageing to verify their ability to function under extreme climatic conditions.

Impact resistance tests

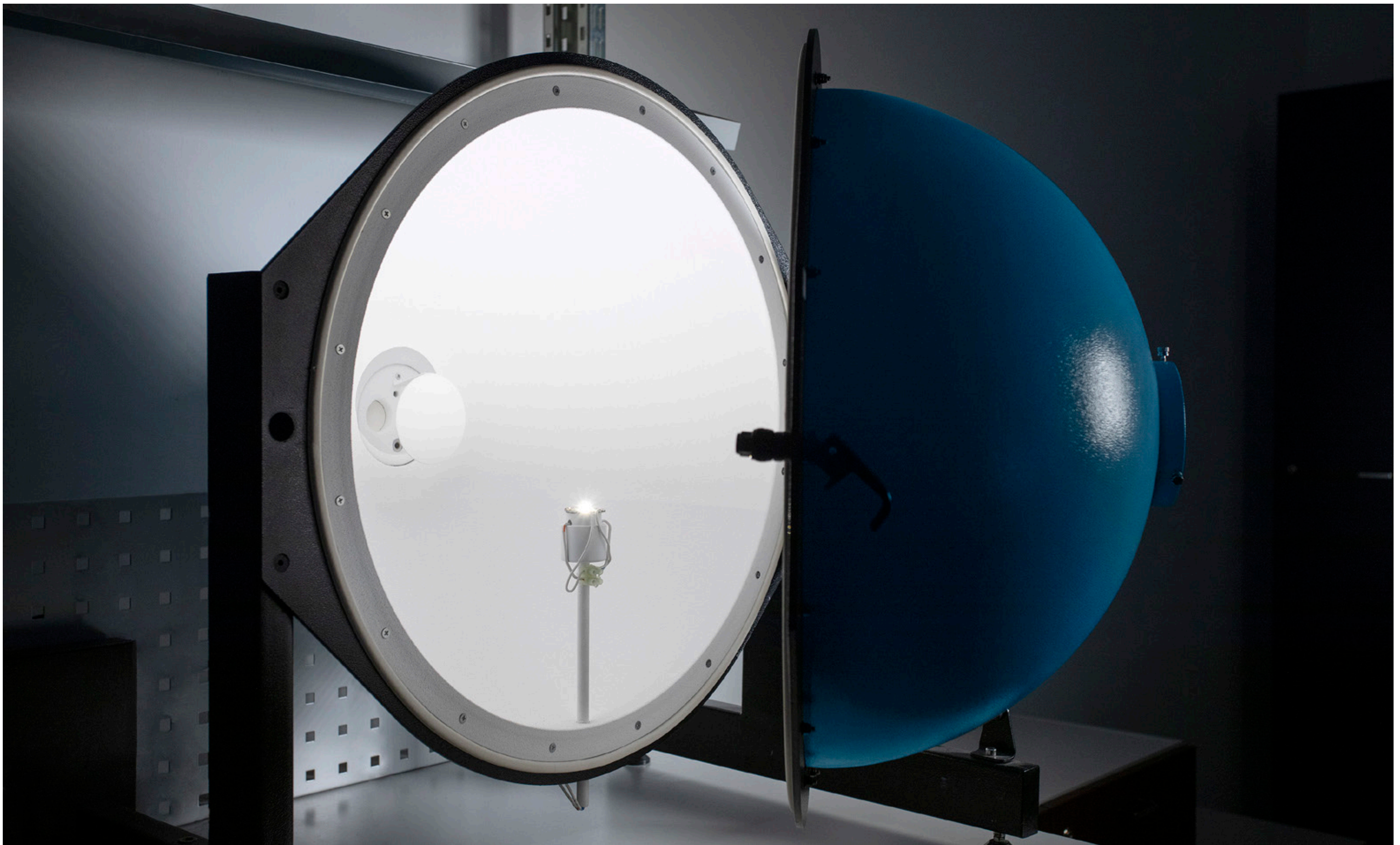
We test the fixtures' robustness by subjecting them to IK impact tests.

Drive-over capacity

The lighting fixtures' ability to withstand traffic loads is tested in our laboratory using three endurance tests: static load, torque and creep.

IP rating

We have a dedicated laboratory where we test our fixtures' protection level against the ingress of dust and liquids.





Protection systems

Innovation and safety are at the heart of every project at Luce&Light. Our protection systems are the result of continuous research aimed at ensuring our lighting fixtures' top performance even under the most demanding conditions, thus guaranteeing reliability and durability in any context.

IPS - Intelligent Protection System

The IPS protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, safety for hot-plugged devices, resistance to electrostatic discharges (ESD) and protection against power surges, which can occur in the event of a malfunction in the electrical circuit.

PID - Protective Impedance Device

The PID protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the main power. Generally, it is designed to counteract events with a low energy content.

EPS - Electrical Protection System

This symbol identifies a lighting fixture with EPS, the protection system for fixtures for indoor applications against electrical problems. This innovation, patented by L&L, guarantees electrical protection against polarity reversal, hot plugging and voltage spikes of up to 48Vdc, which can occur if there are faults in the electrical circuit.

SPD - Surge Protection Device

This device protects lighting fixtures from electrical phenomena external to the system, such as power surges. In particular, this device is specifically for protection against serious events with a high energy content.

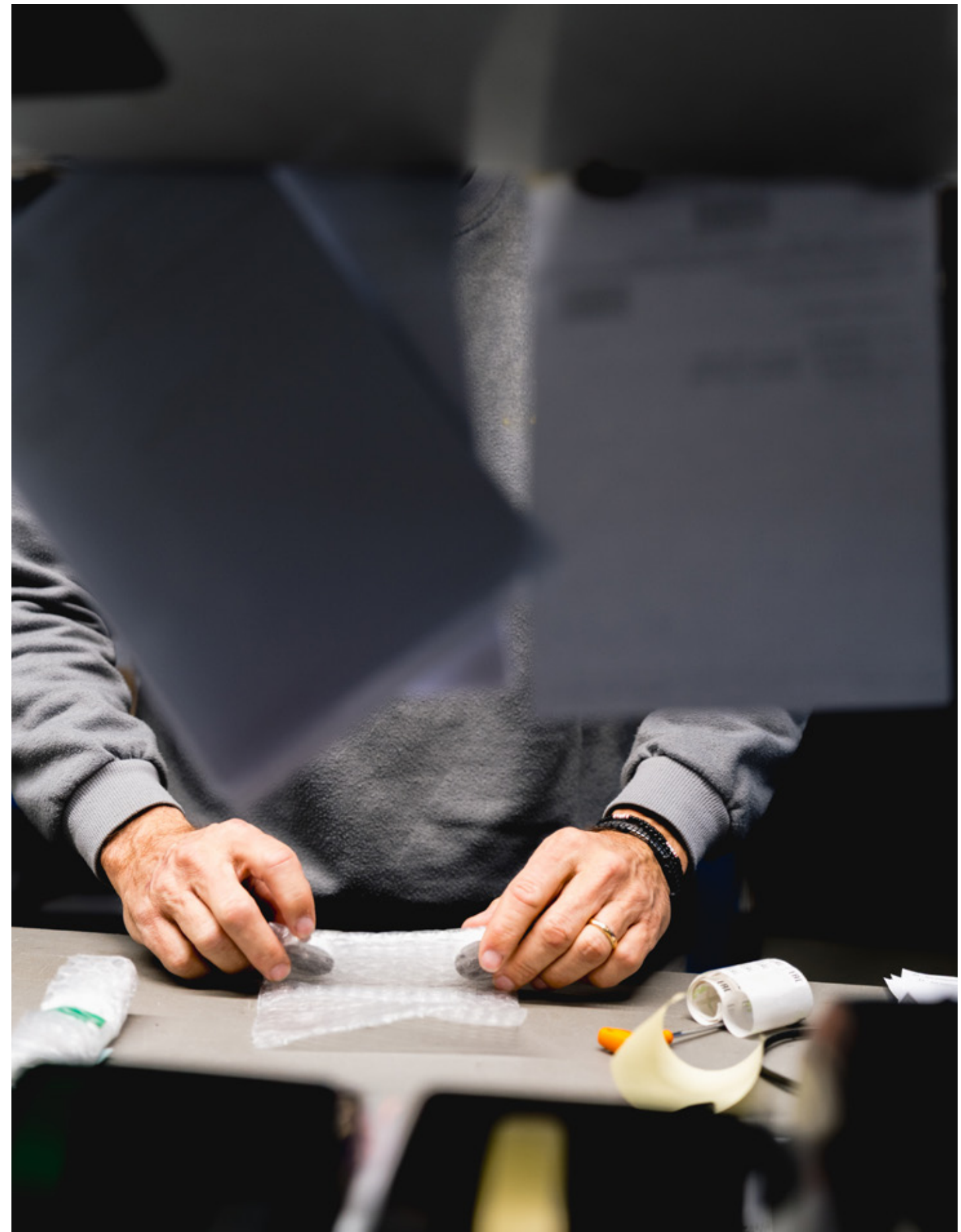
NTC – Temperature Control Built In

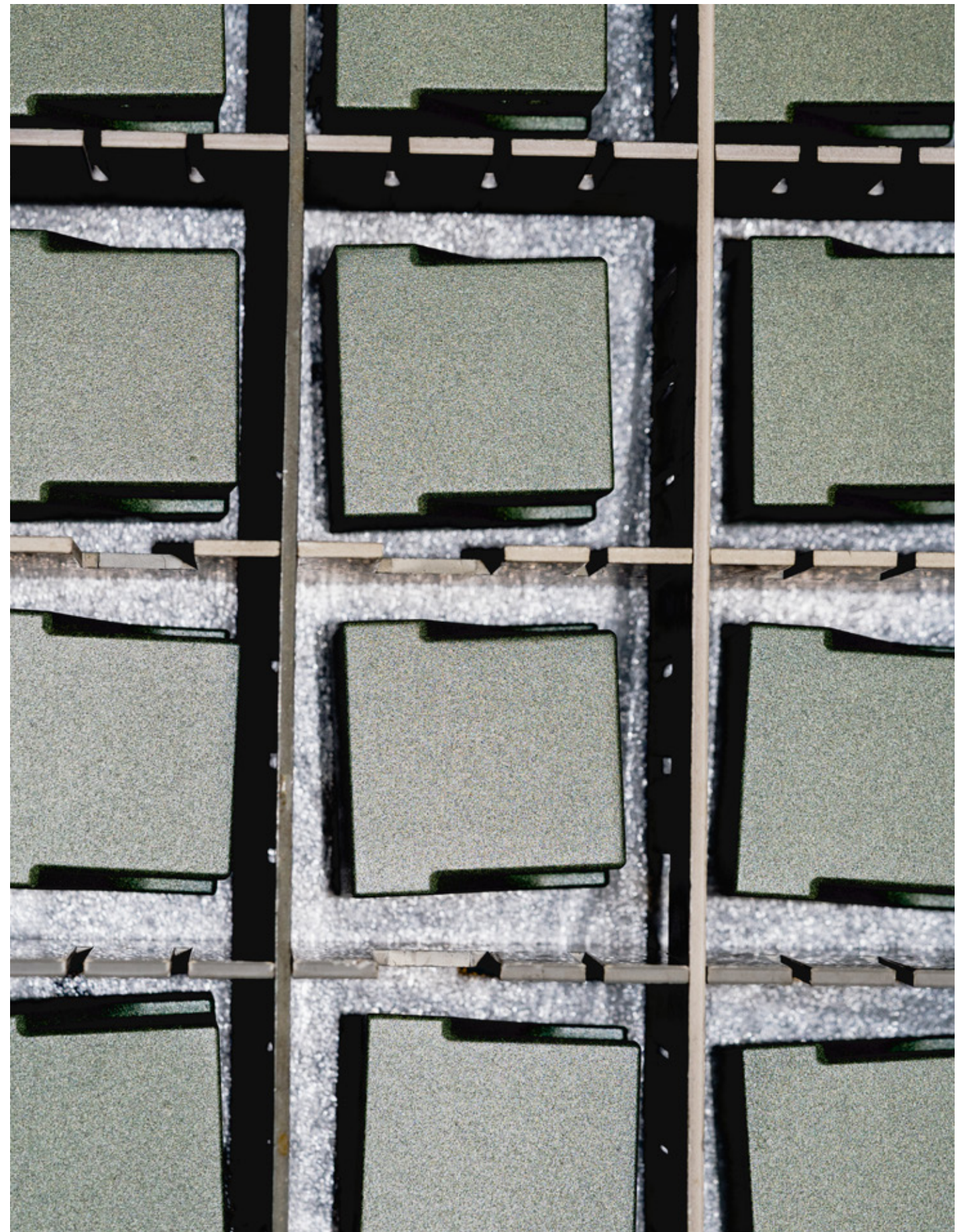
An thermistor mounted on the LED board to protect the lighting fixture against overheating. Should the product function at an operating temperature greater than the maximum temperature at which it can operate correctly, the protection is activated and gradually reduces the power.

Production Made in Luce&Light

All our products are truly Made in Italy. Every product is made in Veneto – a land of art and culture, and one of the most important centres of Italian design.

Our headquarters are in Dueville, in the province of Vicenza. They house our design studios, laboratories, a mechanical workshop that machines steel and aluminium, and assembly stations for all our lighting fixtures. Each product undergoes meticulous photometric, mechanical, thermal and endurance tests, and each phase is followed with unwavering attention to detail. Our production is organized according to the lean method and is supported by a network of local, Venetian and Italian suppliers. This short supply chain is entirely controlled by Luce&Light technicians. Before leaving our premises, all our lighting fixtures are tested and approved with EoL (End-of-Line) testing, with function tests and power-consumption parameter checks – a further guarantee of exceptional quality and supreme reliability.





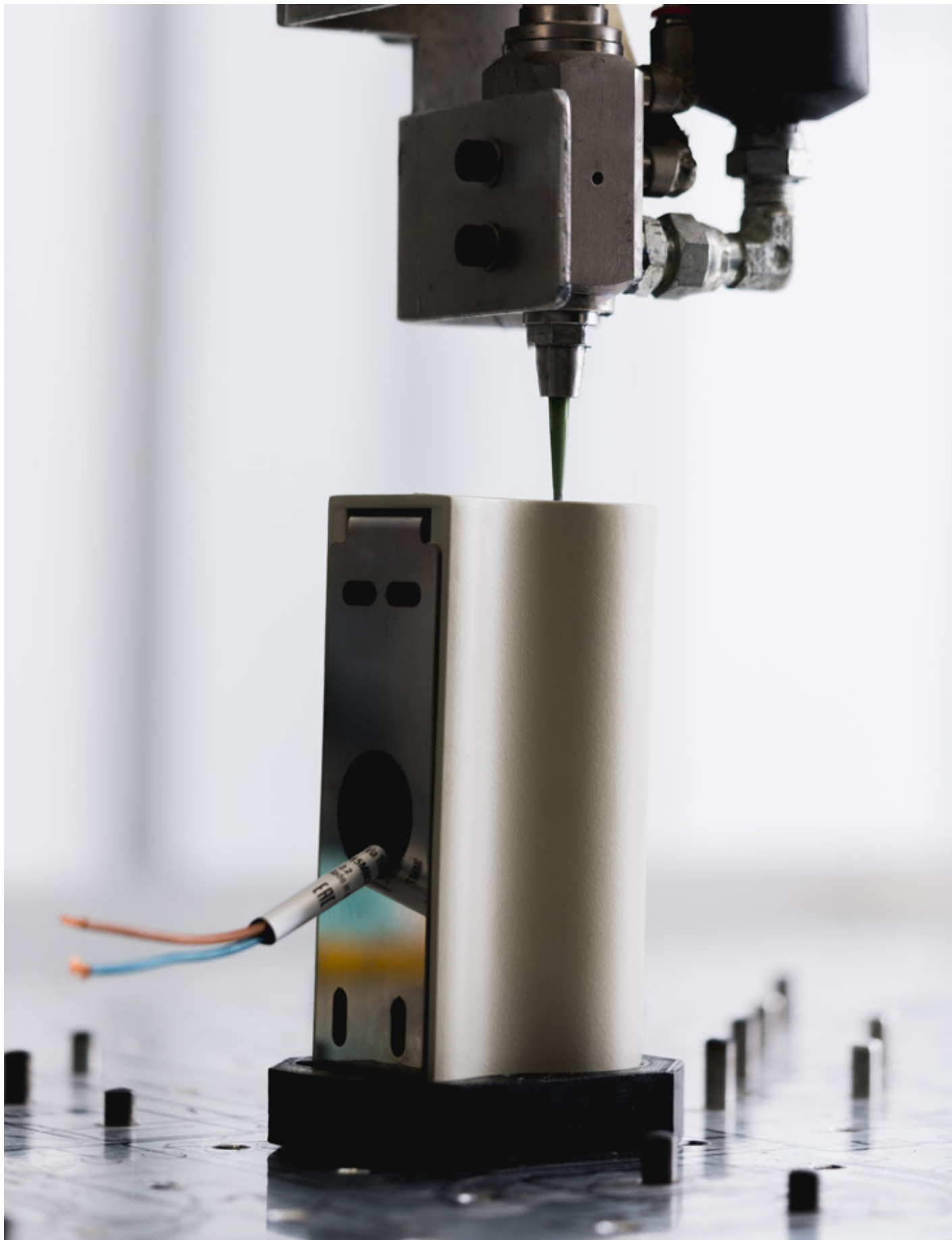


In 2018, a joint effort between landscape designers and our research & development department led to the creation of jasper green, the perfect shade of green to disappear seamlessly into the landscape.



We apply a six-step painting system to preserve the appearance and functionality of our lighting fixtures over time, even in the harshest environmental conditions.

1. AISI 316L stainless steel or low-copper-content anticorodal aluminium
2. Surface preparation
3. Paints compliant with Qualicoat automotive coating standard
4. Epoxy paint
5. Polyester paint
6. Salt spray testing



Project

Bespoke services and lighting

We have always put the ideas of architects and lighting designers first, working with them to find the best possible solutions for their projects.

We are with them at every stage: from the initial design phase, where we offer training, lighting consultancy and technical support, right through to delivery and after-sales support. We aim to provide the best possible service to everyone who chooses us. And for those looking for custom solutions, we can customize everything – design, electronics, optics and LEDs – thanks to a dedicated office, combined with our designers' expertise and the flexibility of our in-house processes. Our service includes project protection through a dedicated database and an international network of collaborators. With fast response times and a five-year warranty, we ensure quality and constant support for every customer.



- 24** hours for order confirmation
- 8** days for delivery
- 5** year warranty



Our customized solutions enable every space to come to life with lighting fixtures designed to precisely meet project requirements, blending perfectly with the architecture and enhancing its forms and materials.





Sustainability Responsible light

Designing high-quality, long-lasting fixtures is our first commitment to reducing waste and the first step towards sustainability.

That's a word we're ready to back up with facts: a latest-generation photovoltaic system for energy independence, a short production chain to reduce CO2 emissions, and carefully selected LEDs and materials.

Sustainability also means paying attention to darkness – because light pollution doesn't just obscure the stars in the sky: it alters the biological rhythms of people, plants and animals, compromising entire ecosystems. That's why we promote responsible lighting, offering lighting fixtures with a wide choice of optics and accessories to control light spill and intensity.



Our headquarters, completed in 2021, are housed in a minimal white structure where workspaces, offices and relaxation areas are integrated to create a stimulating and creative environment.





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Given the continuous evolution of LED technology, the technical characteristics of the lighting fixtures may vary with respect to those given in this publication. For this reason, the information contained herein shall be deemed merely indicative and not binding for the Company. The technical reference documentation is available in the download section for each product on the L&L website: www.lucelight.it

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