

Emergency
lighting

DAISALUX



Emergency
lighting

Experience 02

Processes focused on
integration with architectural
spaces

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Innovation and functionality
meet aesthetic integration in
Daisalux products

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Emergency
luminaries

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LENS

With its sleek cylindrical design and exceptional versatility when it comes to installation and finishes, LENS stands out as an iconic range of luminaires.

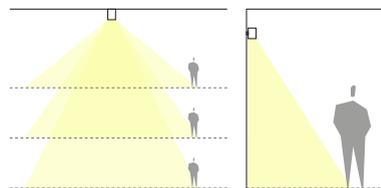
84 mm
Ø

LENS



Crafted from aluminium with a choice of white, black, silver-grey and customisable finishes, the range also includes dedicated versions for outdoor installation, with battery charge control based on temperature. LENS features three different optics depending on ceiling height and a specific optic for wall installation.

Various optics based on the installation height



Oca Global of Sant Cugat, Spain.



Sant Antoni Market in Barcelona, Spain.





BLOCK

A surface luminaire designed for wall placement. Its discreet geometric lines seamlessly blend into the surroundings. Its advanced optical system makes it possible to project light from a wall to deliver highly uniform lighting.

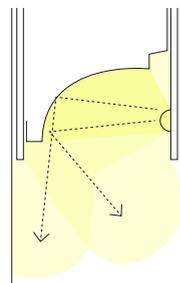


Emergency luminaries

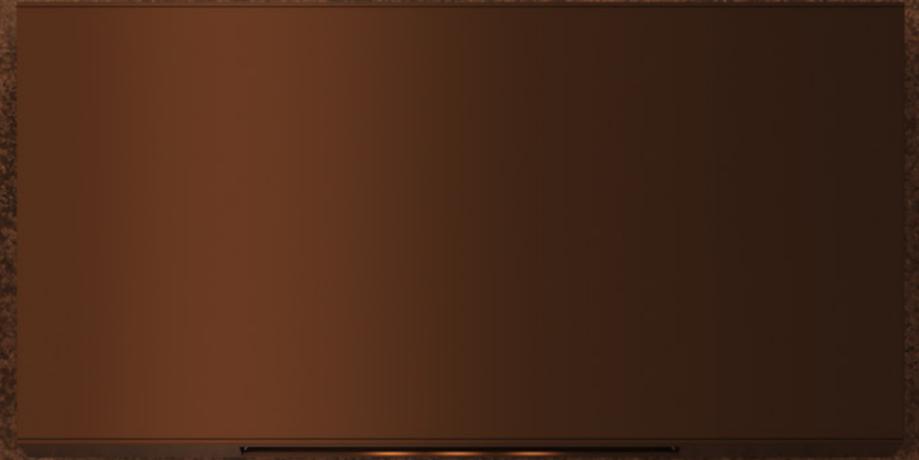
BLOCK

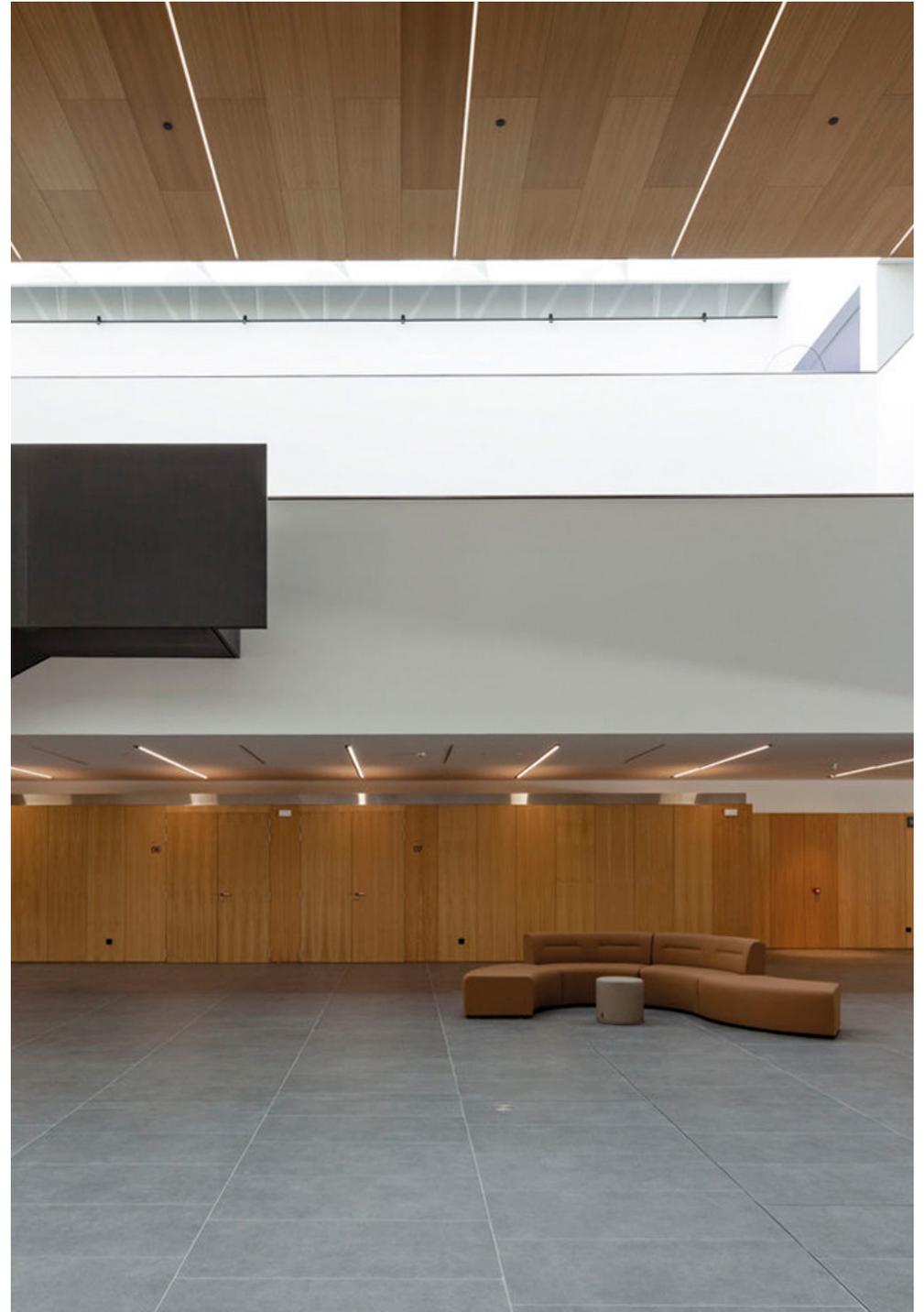


Crafted from aluminium with a choice of white, black, silver-grey and customisable finishes, the luminaire features a levelling system to make placement a breeze and a quick screwless connection system to ensure fast and proper installation.



Optical set
(reflector + diffuser)
for maximum
projection





ZINER

Extra-slim, low-profile design for a metal ceiling luminaire that covers a wide surface area. It offers two types of optics: open area and emergency escape routes.



22

120

120

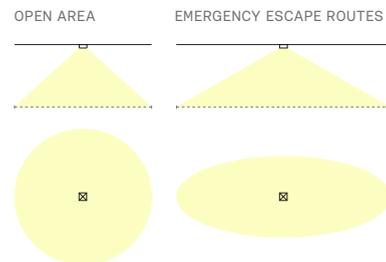
Emergency luminaries

ZINER



With a square aluminium body that also serves as a heat sink, ZINER features an optical assembly fitted with a reflector in the same colour as the luminaire and various proprietary design lenses chosen specifically for the intended application: open area or emergency escape routes. It has a quick connection system for easy and quick installation.

Optics tailored to their purpose





Cobo Estratos Restaurant (1 Michelin Star) in Burgos, Spain.

IZAR

The perfect balance between size and practicality. IZAR's 46 mm diameter makes it a trailblazer in terms of light and energy efficiency.



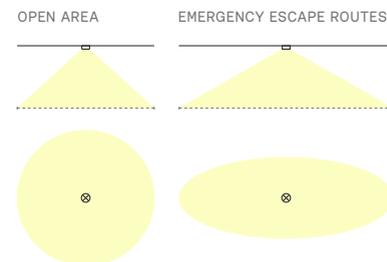
46 mm

IZAR



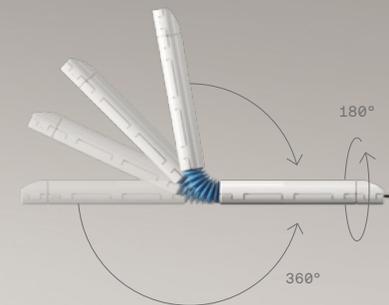
Available in three finishes—white, black and silver-grey—for seamless integration with architectural spaces. Its two optics, equipped with proprietary lenses, cater to the specific needs of different contexts: open area for open spaces and emergency escape for transit areas like corridors. The lithium battery with microprocessor charge management and an eco-permanence function ensures durability.

Optics tailored to their purpose



Versions for louvered ceilings

The IZAR luminaire model includes two additional housings, which transform this recessed luminaire into a perfect fit for spaces with louvered ceilings.





Office Building in Madrid. Spain.





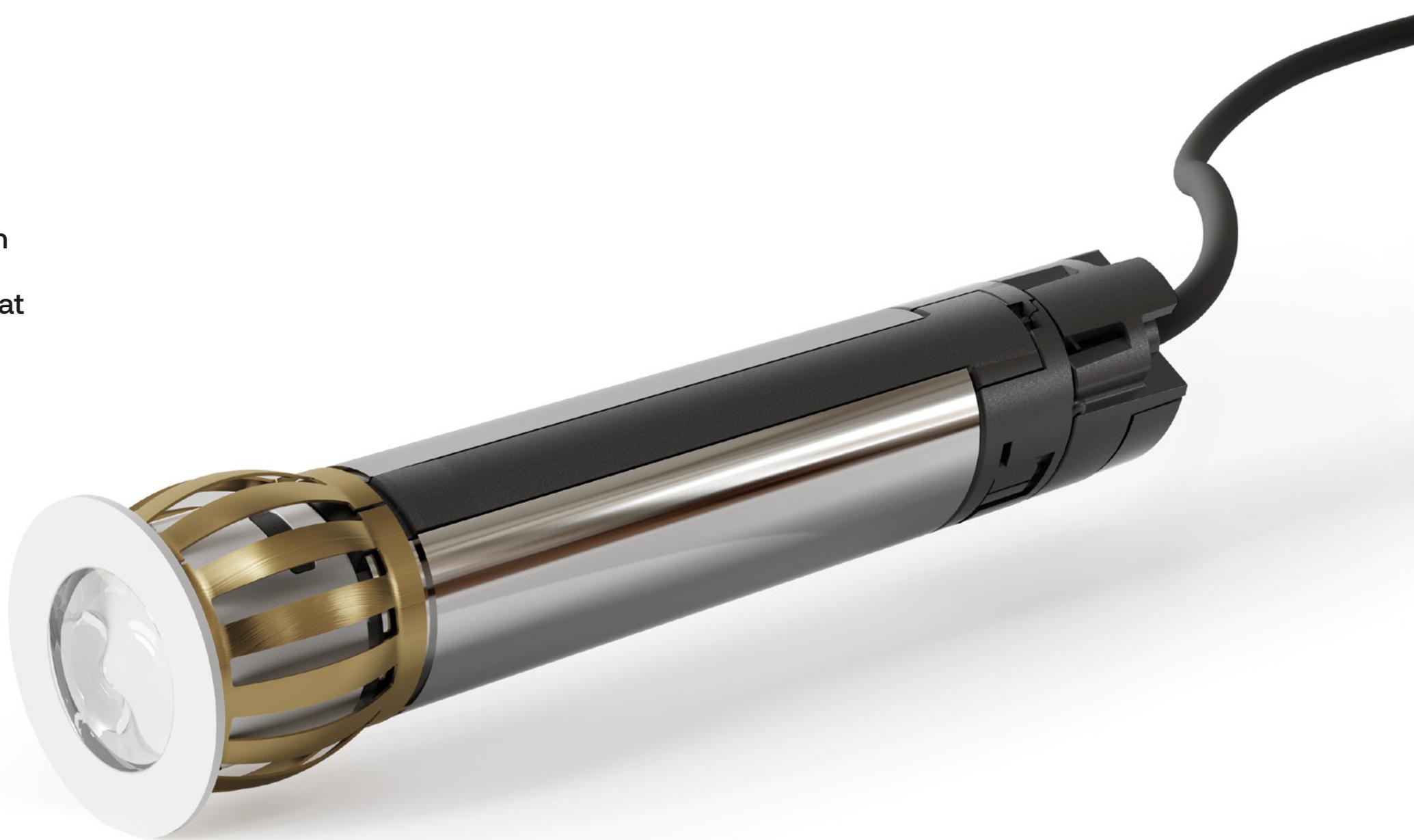
SPICA

Roughly the size of a button, SPICA's 20 mm diameter makes it nearly invisible. Its compact size does not compromise on electronics or top-tier performance. Its flush installation in technical or accessible ceilings makes it ideal for highly exposed spaces where seamless integration is essential.



SPICA

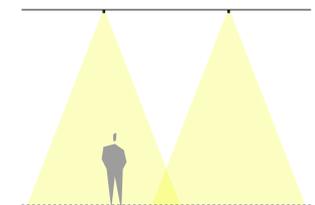
The perfect design for an emergency luminaire is one that makes it invisible.



1:1 SCALE

Thanks to its high-performance lens, SPICA's emergency luminaire can cast light over large areas, covering more space with fewer units.

High-performance lighting capacity





Detail of the exhibition



Detail of the exhibition



Detail of the exhibition

Ancient Rome: The Exhibition

Step into the captivating world of Ancient Rome at MetLife's exhibition in New York. Immerse yourself in the grandeur and splendor of this legendary empire, from Julius Caesar's iconic victories to the unparalleled reach of Roman civilization.

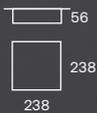
Through meticulous reconstructions and authentic artifacts, including weapons, armor, machinery, and architectural marvels, experience the creative brilliance of the ancient Romans. Discover the intricate details, derived from historical accounts and archaeological advancements, that brought this civilization to life.





ATRIA

A high-performance emergency projector with compact dimensions, its 2,500 lumens make it indispensable for both indoor and outdoor large-scale projects. Its compact design seamlessly integrates into any environment, whether mounted on a ceiling or wall.

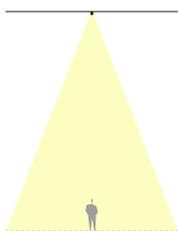


ATRIA

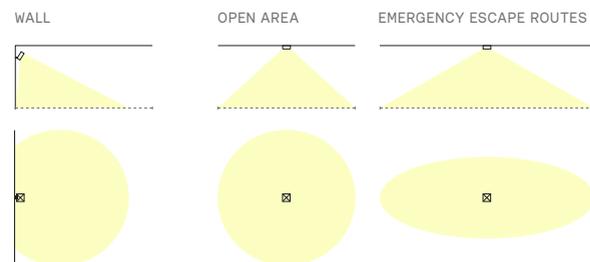


Available in three finishes: white, silver-grey and dark grey. Suitable for installations up to 40 metres in height. It comes in an IP66 IK10 version designed for outdoor and highly exposed spaces. It offers three different optics—emergency escape routes, open area and wall—with proprietary lenses that fit into an aluminium reflector.

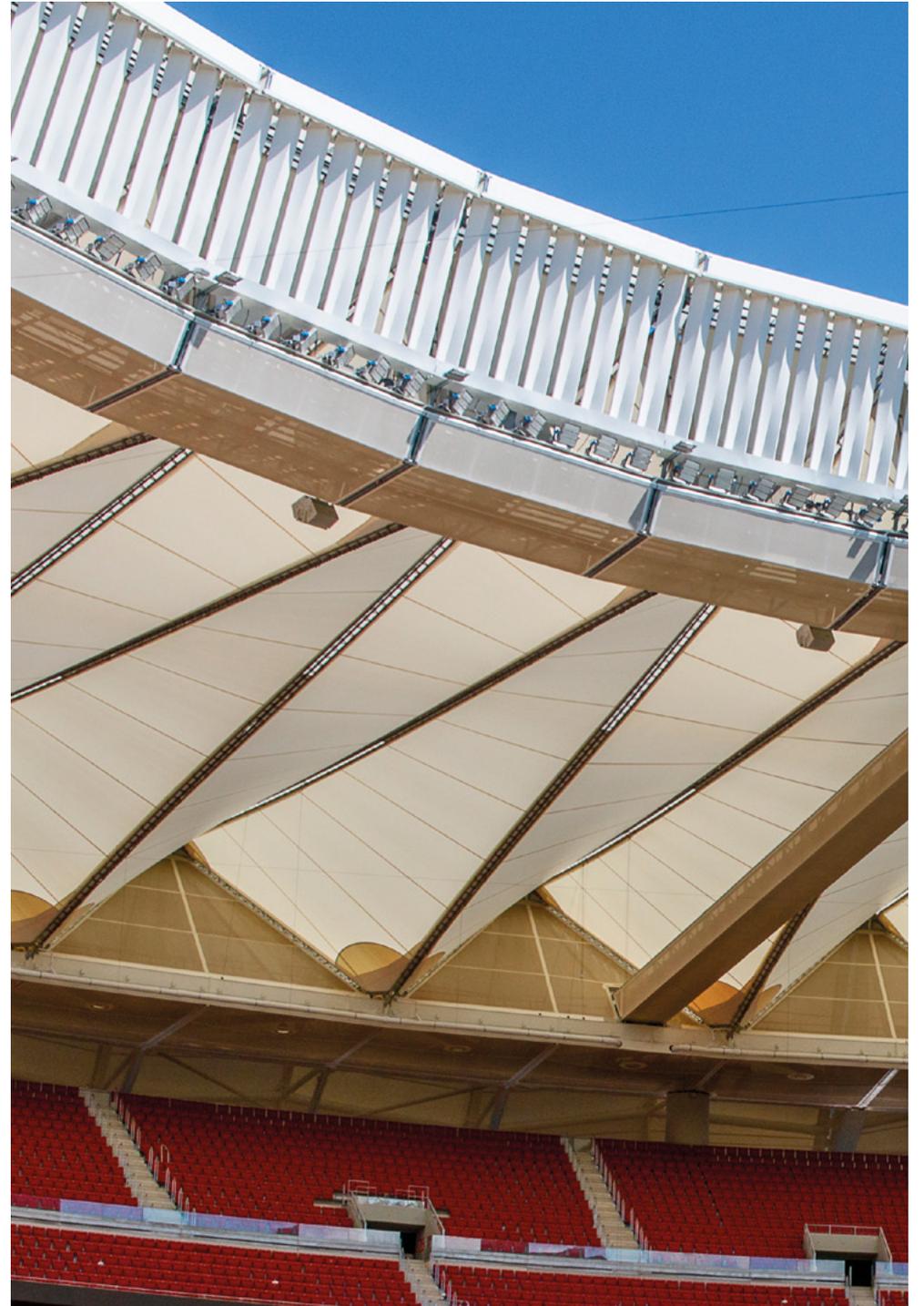
Capable of covering large areas



Optics tailored to their purpose



Metropolitano Stadium, Madrid, Spain.





Signalling
luminaires

IKUS_{p.46} VIR_{p.48}

IKUS

Signalling luminaires are suitable for all types of spaces due to their outstanding placement versatility, whether surface-mounted or recessed in the ceiling, wall-mounted or perpendicular to the wall, suspended, or on a rail...

The uniformity and contrast between the colours of the sign are so subtle that it naturally blends into the overall design. The aluminium housing is available in three finishes: white, black, and silver-grey.



320x160



220x110



220x220



VIR

The polished finish of its methacrylate surface makes this family of signalling luminaires the perfect complement for discreet and sophisticated integration with any space. Available with a profile finished in three colours: white, black, and silver-grey.



320x195



220x210



160x85



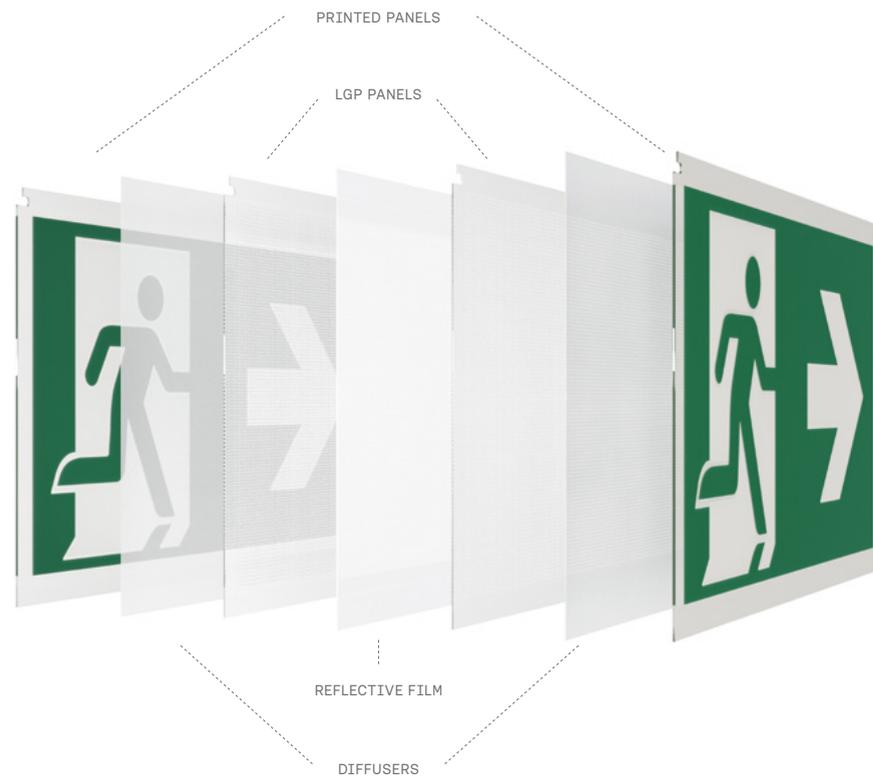
220x220



160x160

Signalling luminaires

IKUS



Optical assembly composed of a double-sided multilayer plate that features two thermoformed PETG sheets with digital printing of the sign, diffuser film, reflector and LGP panels. The sign is clearly and uniformly visible at its maximum observation distance and in any circumstance, both with and without power.

Signalling luminaires

VIR



Manufactured in methacrylate, with the sign label attached to the back and a cut-out silhouette to evenly distribute light across an entire surface.



Beacon lighting

ALZIR p.56 LEDA p.60
CLAVO p.61

ALZIR

Round or square, with clean lines and no visible edges to disrupt its flawless finish. A range of beacons designed for recessed wall placement or stair risers.



65 mm

Beacon lighting

ALZIR



Available in aluminium or stainless steel for outdoor versions, these beacons come in a choice of square or circular trim in white, black, silver-grey and chrome finishes. Diffuser in tempered optical glass with vitrified paint treatment. It comes in two different optics: path lighting for stair treads and forward light projection.

Toledo Tapestry Museum. Spain.





LED A



CLAVO



Two beacon luminaires crafted in polished stainless steel: LED A combines this material with glass, while CLAVO uses a synthetic diffuser. Their compact size allows for precise fitting flush to the surface in walls, stair risers or floors, thus making it possible to create subtle lighting effects by playing with light while keeping the housing invisible.

Mario Villate, Valladolid. Spain.







With the same finesse as the stars that guide us in the night sky, Daisalux invests all its engineering, technology and design capabilities into illuminating pathways in architectural spaces.

When light is a priority.

DAISALUX

When light is a priority

Specialists in emergency lighting since 1983

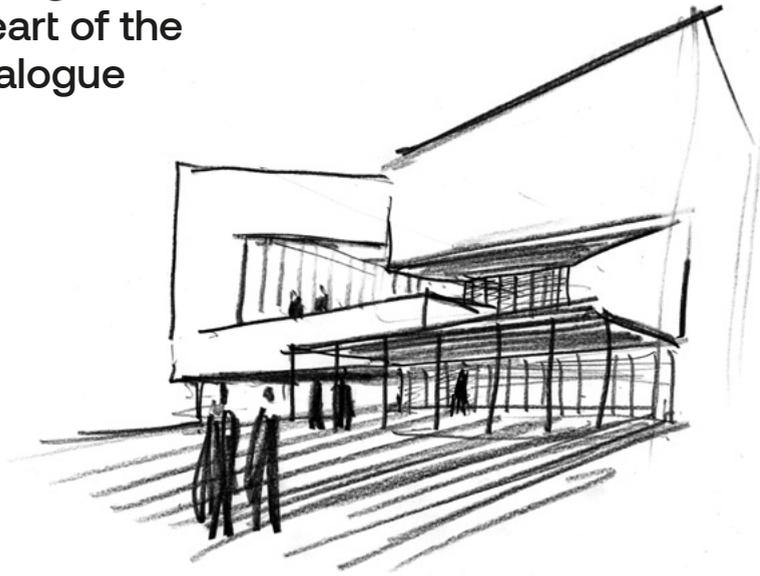
Emergency lighting fixtures are never one of the first things spectators notice, but their impact on design is substantial, both in terms of functionality and aesthetics. On a technical level, they involve quality, the ergonomics of the projected light and energy efficiency, while also aesthetically affecting the space as they interact with shadows and light.

At Daisalux, we have dedicated 40 years exclusively to emergency lighting engineering, with a focus on technical product excellence and integration into architectural design.

One of the first high-power emergency lights from Daisalux. Early 1990s.



Design at the heart of the dialogue

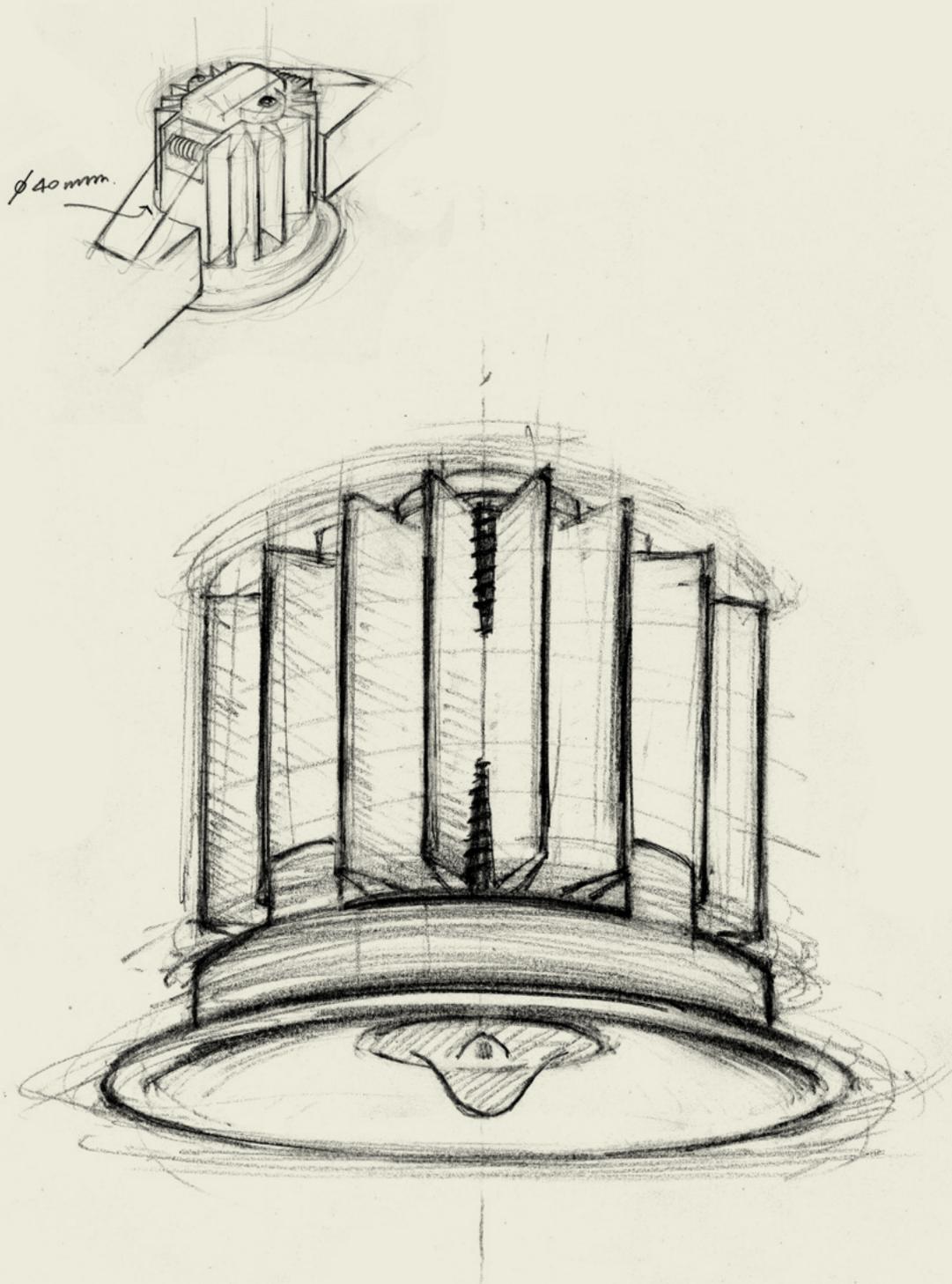


While emergency lighting is only used in rare circumstances, the lighting fixture has a permanent place in the space. We help strike the perfect balance between the aesthetics of the space as a whole and the functionality of emergency lighting. As a component that impacts architectural design, our job is to understand the specific characteristics of the space, materials and overall atmosphere.

Working together with architects, engineers and lighting designers, we identify project requirements and take the right steps to make the project a success. We learn what they want and expect from us, and by analysing their concerns and actively engaging with projects, we have created a versatile and effective product range.



High-performance materials and customisation capability



Innovation in materials should be geared towards elevating performance by focusing on factors such as output optimisation and energy savings.

In our constant quest for improvement, we are using a greater percentage of high quality and recyclable materials to ensure enhanced strength, consistency and sophistication in the final finish of Daisalux products. This specialisation means that we can customise each component to achieve more effective and sustainable lighting.

Daisalux design technology

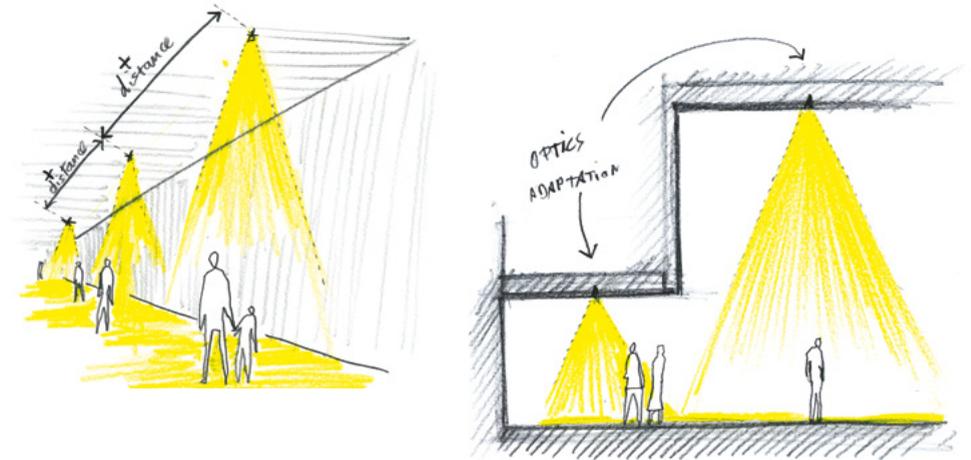


The Daisalux technology centre is staffed by a multidisciplinary research team of optical, physical, mechanical and electronic engineers. Much of the development and research in this field is geared towards enhancing the technological capabilities of our luminaires. Software also plays a vital role in ensuring the optimal operation and control of each lighting element, which directly ties in with the safety of the installation space.

Our involvement in international projects for technological innovation and our tireless search for new technologies have elevated both the quality and effectiveness of our designs.



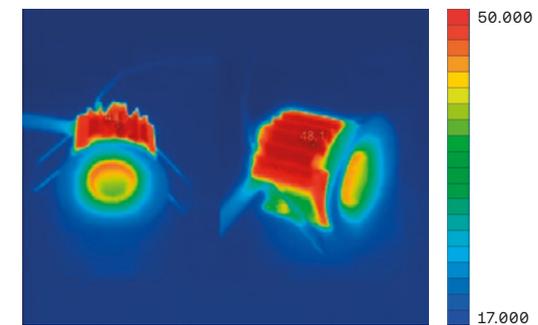
Visual ergonomics as the focus of optical design



Unlike other luminaires that have a more prominent presence in a room, emergency lighting only takes centre stage when it is completely dark, sometimes also at a time of significant confusion. This is why attention to light uniformity—which makes people feel safer and more secure—is crucial.

At Daisalux, we design the optical assembly of each luminaire in-house to ensure optimal visual ergonomics. One of our recent developments is in the field of microstructures (MCR_{LED}), which enhance light-extraction efficiency from surfaces measuring as little as 2 millimetres, thus achieving uniform lighting and preventing glare.

High-performance, and long-lasting light sources



The quest to strike the right balance between design, volume and technology has led us to also take on the challenge of enhanced efficiency. The result? Daisalux luminaires are designed to keep maintenance to a minimum.

Additionally, our proprietary LED technology with a heat dissipation system built into the luminaire housing extends the product's lifespan to up to 100,000 hours/L90 B10. This outstanding performance level represents a milestone in the field of sustainable lighting sources.

Optimisation, the cornerstone of efficiency



An object becomes iconic when it has the right combination of design, quality, development and durability. Taking these four premises as our guide to understanding the process has helped us to create our own iconic products. Optimising performance across the board—from design and materials to technology and light sources—results in greater durability and, in turn, lower replacement costs.

Daisalux luminaires feature a charging system based on temperature probes and micro-controlled charges that protect and extend battery life. Their reduced size also ensure more efficient use of materials.





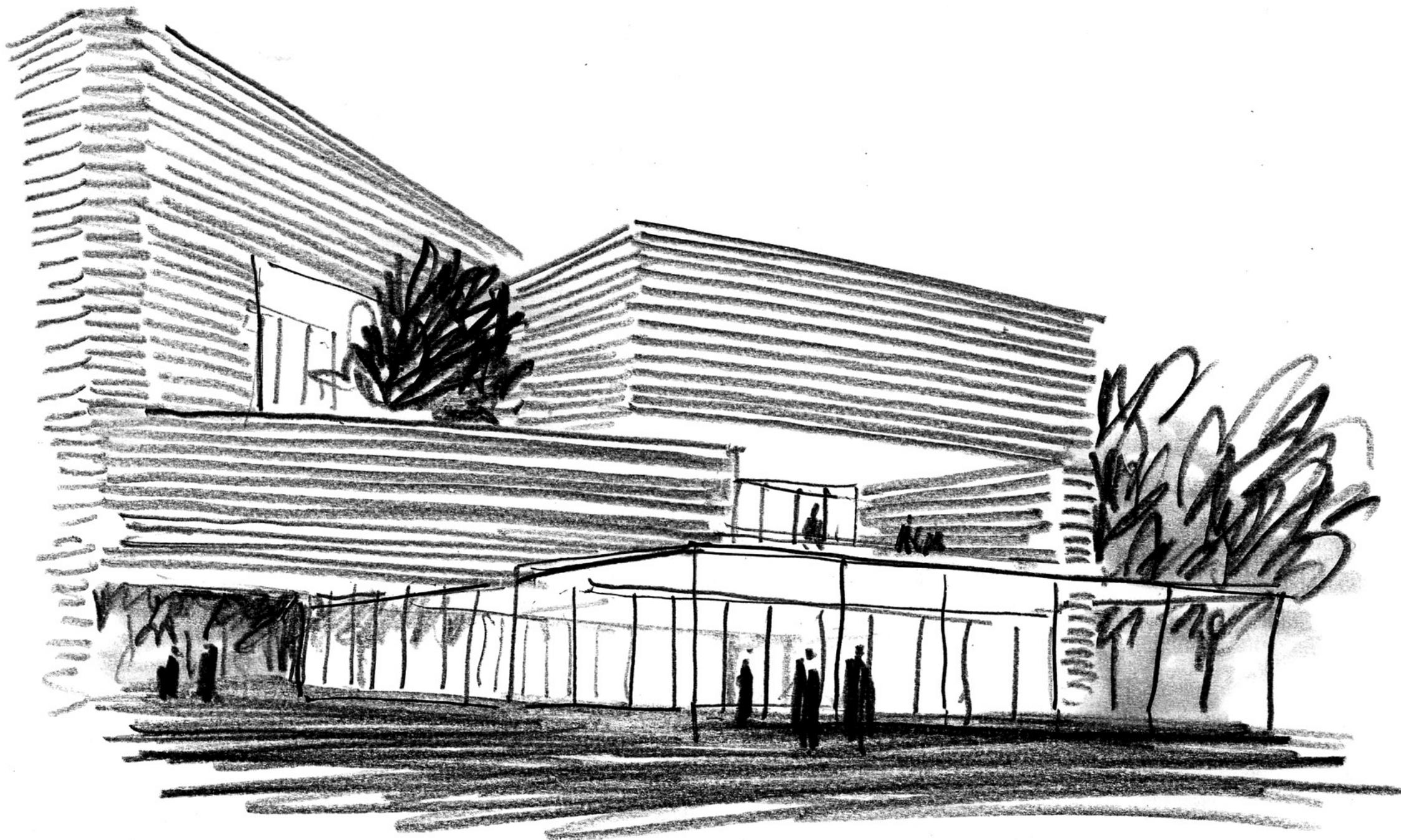
Customised planning for maximum performance

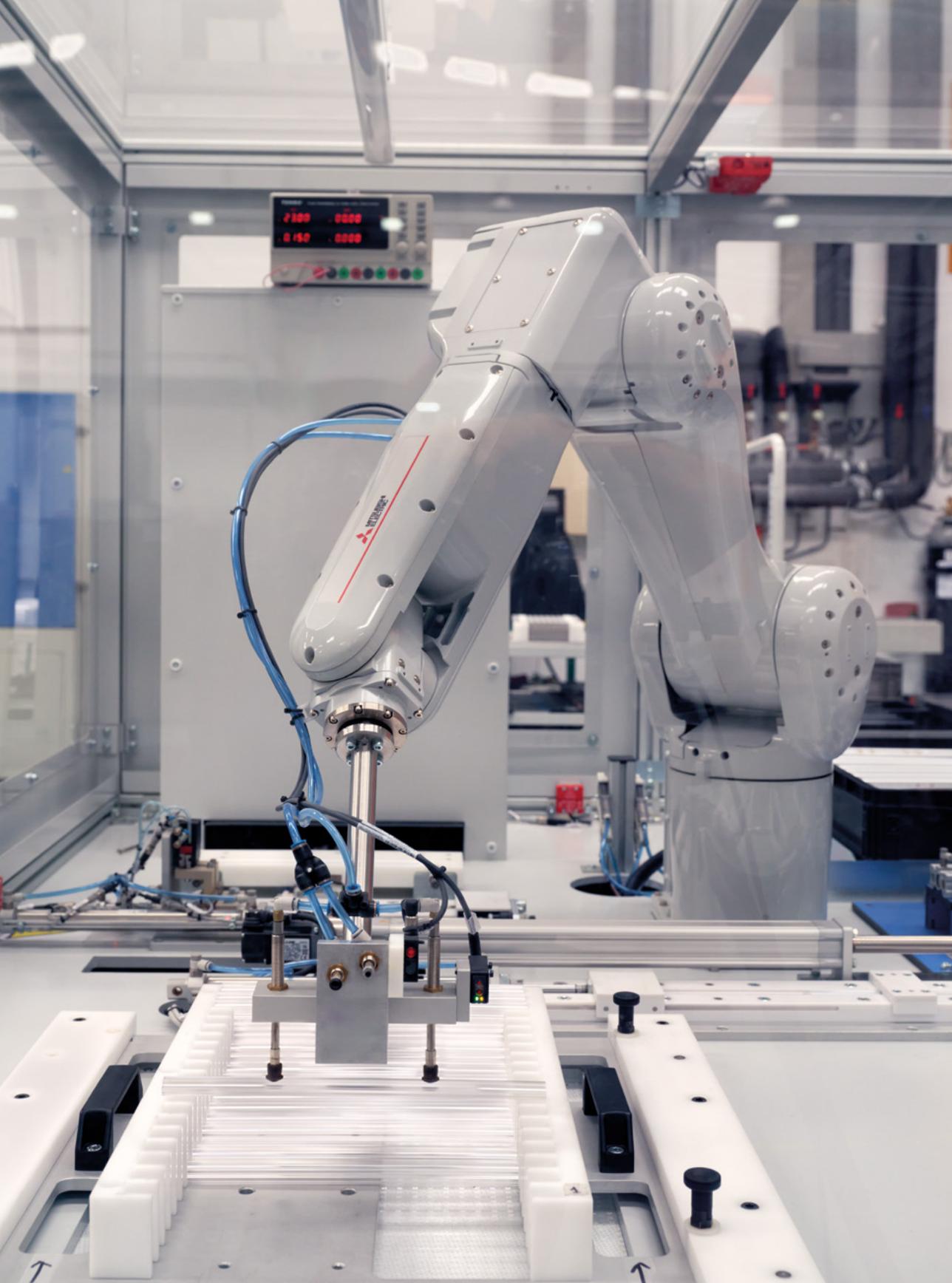


By working with architects, engineers and lighting designers we are able to understand a space as a whole, thus achieving excellence by drawing on the knowledge of these experts.

The Daisalux project team individually customises the lighting requirements of every project. It also ensures compliance with the applicable international regulations, depending on the location of the installation, a task it handles when establishing the initial project parameters, as well as setting lighting objectives according to the regulations of the country or region. With this in mind, not only does Daisalux have a team dedicated solely to project development, but we have also created our own software, DAISA, to support interior designers when it comes to emergency lighting.





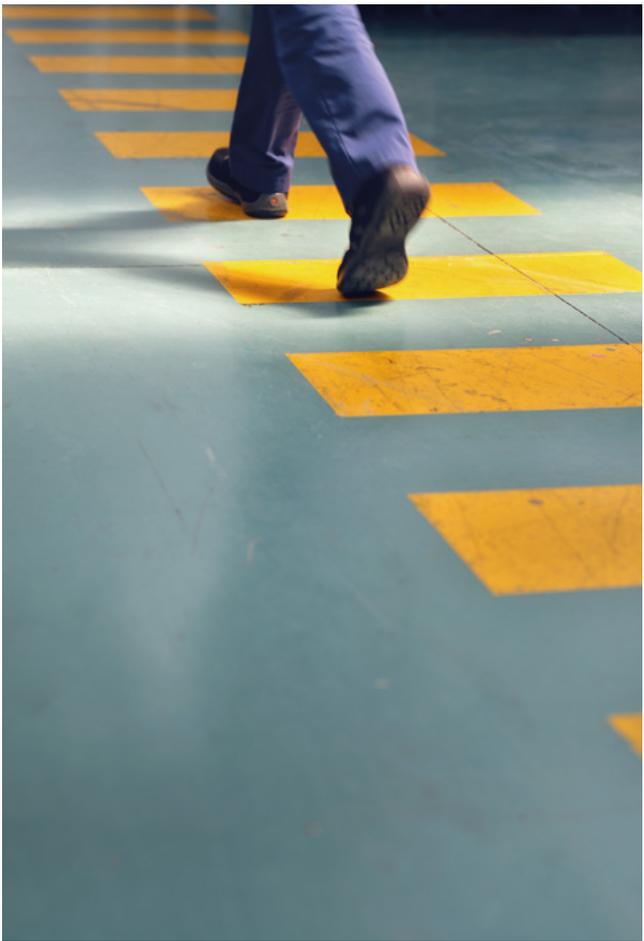


Flexible manufacturing and unit testing



We employ a flexible manufacturing model that cuts down on delivery times for any catalogue product, thus offering virtually immediate availability.

We individually test each product component before shipping, followed by a final product evaluation to ensure that it works correctly.







*“A phosphorescent jewel gives off its glow
and colour in the dark and loses its beauty in
the light of day. Were it not for shadows, there
would be no beauty.”*

Jun'ichirō Tanizaki
In Praise of Shadows



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