# TOPICS AND TOOLS

2024



## LIGHT THAT MOVES

We light busy cities, quiet entry ways, museum halls, iconic monuments, great works of art, extraordinary architectural structures, historic buildings and remarkable living and working spaces around the world.

We light the future. Creating environments that are inspiring, safe, smart, revolutionary, creative and feel like home.

Our vision is Social Innovation. Creating more habitable, sustainable, awe-inspiring spaces for people everywhere.

We are iGuzzini.

We create light that moves.
Light that moves spaces. Light that moves culture.
Light that moves ideas. Light that moves people.
Light that moves us forward.

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# TOPICS

We imagine exciting light that, like a beacon, guides us towards revolutionary solutions for wellbeing and the environment. We invest significantly in innovation, exploring circular approaches and smart technologies to shape a sustainable future. Our dedication is reflected in our attention to design and the development of customised optics for every application.

#### **SUSTAINABILITY**

#### Light impact

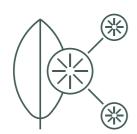
We are committed to becoming a zero-emission organisation by 2045, achieving a 70% reduction by 2030, as endorsed by the Science Based Targets initiative\*.

More than 90% of a lighting fixture's environmental impact comes from using it: consequently, this is where the greatest potential for cost savings and environmental protection can be found. This is why we rely on highly efficient LED sources and drivers. We develop optics with excellent Lm/W values for luminaires and significant inter-spacing; to improve the effectiveness of the overall installation, which can always be managed by Smart Lighting to provide light only when and where necessary. We use more than 50% recycled and 97% recyclable materials. We invest in miniaturisation to optimise weight and consumption. We make disassembly and repairs easy. We emphasise renewable energy sources and analyse the impact of our products along their entire life cycle using universal standard Life Cycle Assessment methods.

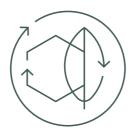
Zero
Carbon Footprint by 2045



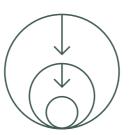
> 90% energy-saving with high efficiency and Smart Lighting



Circular materials using recycled (> 50%) and recyclable (> 97%) materials



Miniaturisation, lightweight, easy to repair



\* Requirement obtained from Fagherhult



#### **SMART LIGHTING**

#### 7 reasons for choosing smart

Smart Lighting provides light only where and when needed, cutting energy consumption by more than 30% and improving the perception of wellbeing.

Smart Lighting is responsive artificial light that is only activated when needed on the basis of people's needs. Light for a purpose, never pointless. Light at the service of visual and psychological wellbeing. Smart light whose quantity and quality can be easily adjusted – even using an App or voice control – to complement but never overlap natural light. And much more. Smart Lighting offers so much more. Digital light creates a capillary, connected and flexible technological infrastructure capable of using interfaces to communicate with other smart functions to create a system and optimise costs and energy consumption. Digital light is easily monitored and tracked, making it conducive to safe and circular management. Smart light can activate other functions beyond lighting, such as communication and space management services.

#### **Better quality of life**

Sensors generate adaptive, dynamic and variable light.



#### Secure management

Remote access for configuration, monitoring and updating tasks.



#### Less waste

On-demand lighting cuts consumption by more than 25%



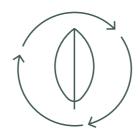
#### **Future Proof**

A lighting system easy to reconfigure and adapt.



#### Towards circularity

Monitor operating times to manage upgrades.



#### Value-added services

Easy operation using smartphones or voice commands. Additional smart services.



#### Open and granular infrastructure

Integration of smart light with other building services through API interfaces.



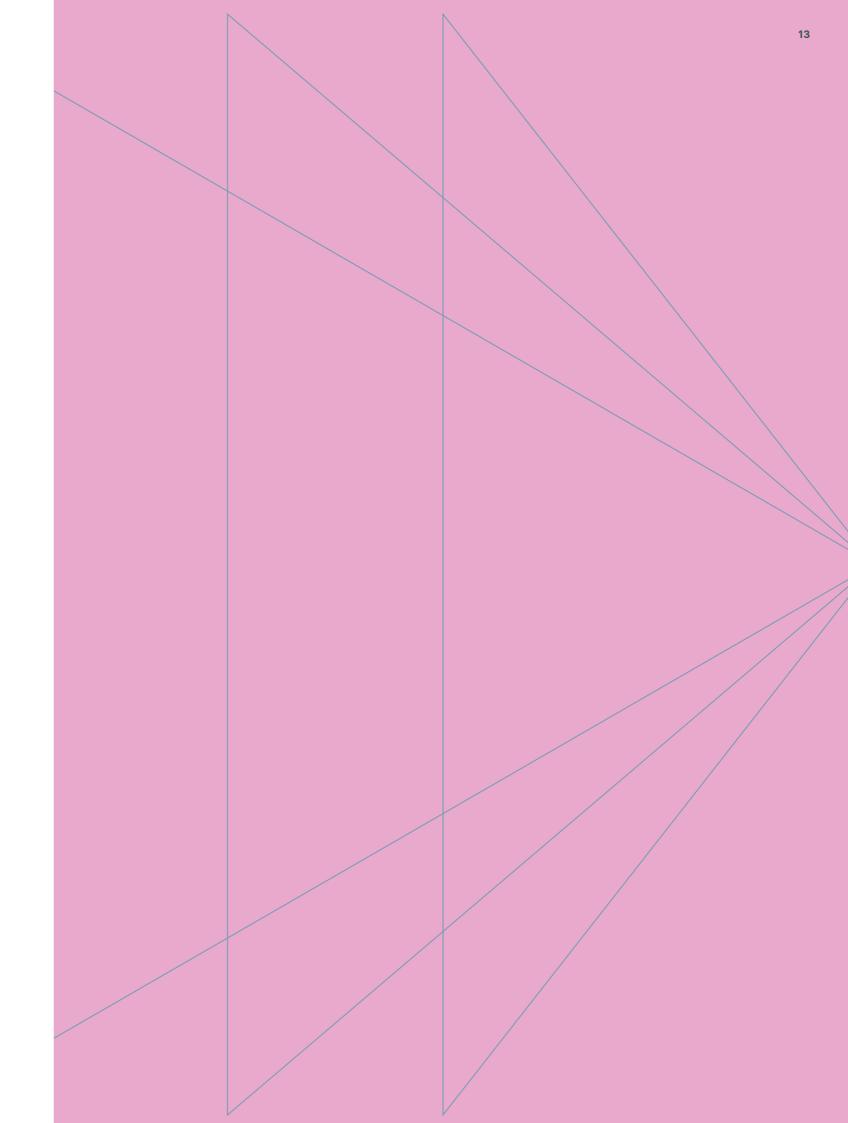


#### **BUILT IN WELLBEING**

Create functional and aesthetic synergies

Designing wellbeing through light means going beyond the conventional concept of lighting to focus on the integration of various functions to create systemic value.

Building wellbeing means designing dynamic, flexible, innovative, sensory and sustainable settings that focus on people. This embraces holistic thinking to provide integrated solutions where light is combined with sound, air and touch. We design light in terms of visual and perceptive comfort to generate visual and psychological wellbeing by controlling brightness and luminance. We also integrate audio and video devices into our lighting systems for sound broadcasting or video surveillance services. We offer sound-proofing solutions to help create peaceful settings ideal for concentration. Lastly, integrating environmental sensors makes it possible to detect the main parameters for a healthy lifestyle.

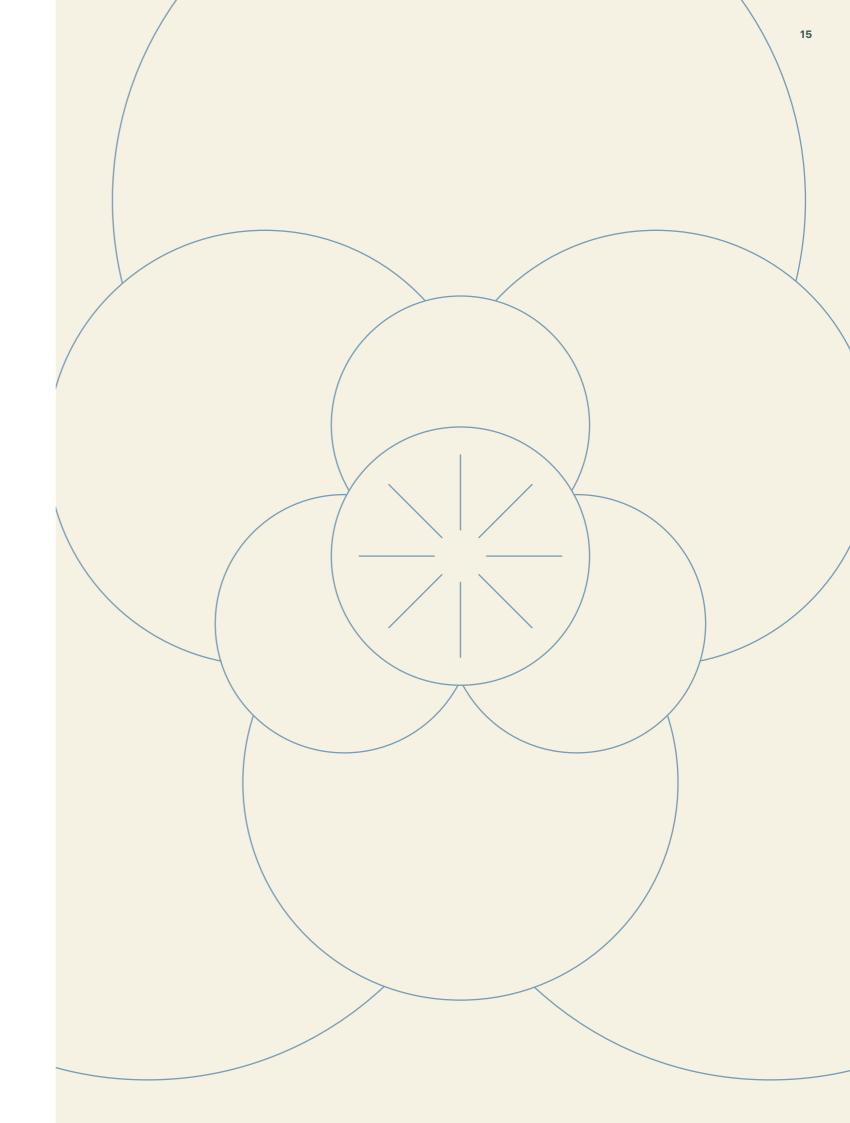


#### **BIOPHILIC DESIGN**

#### Reconnecting with Nature

Biophilic design integrates natural elements into building spaces to promote wellbeing, concentration and connection with Nature.

Focusing on the details of design has always been an essential element for us when developing new indoor and outdoor proposals. Regenerative design links up with biophilic design and promotes tools for creating direct or indirect connections with Nature. We consequently take great care to soften shapes while retaining the poise of the technological core, inspired by the squircle design. We research new materials, even using vegetable fibres, and offer natural shades to ensure a match between natural and artificial worlds. We continue to pursue miniaturisation as a way to reduce materials, weight and bulk but also as an aesthetic approach towards integration with architecture; research into new finishes expands the colours on offer to create synergies with the setting, between mimesis and appeal. We view all this as creating integrated wellbeing centred on people.



#### **PERFECT EFFECT**

Building made-to-measure light

The leap in quality for professional luminaires is measured in terms of the flexibility offered: a multiplicity of optics and accessories to build exact, made-to-measure light.

Architecture is often made up of modular spaces with variable geometries and specific requirements. Light adapts to every height and every distance to illuminate details and elements without restrictions. Optibeam, optidiamond and optismart technologies are optical innovations designed, developed and produced in-house to achieve perfect effects for every application. Moreover, we have also developed other accessories that, combined with the available optics, can be used to design the desired light and protect the lighting source. Colour quality and visual wellbeing are constant features. The improvement in quality of indoor or outdoor floodlights is measured in terms of the flexibility offered - and we have thought of everything: from optics to accessories, from design to fine tuning, we design precise, made-to-measure light. In&Out.



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## TOOLS

We implement constant updates to improve the quality of life for people in every context. We develop solutions to enhance the perception of indoor and outdoor settings alike by harmoniously integrating technology and design. Designing optics in-house is crucial for achieving comfortable and bright lighting effects. We use natural materials and circular processes to protect the environment and meet the needs of people: these principles lie at the heart of our innovations.

## **ALLURE**Mix&Match

The elegance and intrinsic beauty of timeless design, harmony between shapes and details that captures the imagination.
Allure expands application versatility with Allure Graphic and Allure Smart.

Allure is a creative collection comprising multiple optical and aesthetic combinations to furnish architecture and ensure personality and wellbeing. Two new versions now further expand application versatility. Allure Graphic generates grazing effects on architecture that enhance texture and provide an attractive and fascinating night vision with different apertures (60°-120°) and extraordinary light intensity values. The Allure Smart version, thanks to the motion sensor incorporated into the design, means that light can be switched on when needed, making a major contribution to a targeted and responsible use of energy. Allure, in all its expressions, is synonymous with elegance and an obsessive attention to design and lighting effects. This subtle appeal conveys a feeling of luxury without ostentation for technological innovation that is fuel-efficient and environment-friendly.

New versions Allure Graphic and Allure Smart Allure Graphic Up-down and adjustable effects Allure Smart has a motion sensor integrated into the design

Mix&Match to combine the style



ALLURE GRAPHIC

120x150mm

L Up / L Down / ADJ Beam Up / ADJ Beam Down / ADJ Beam + ADJ Beam / L+ L / ADJ Beam + L / L+ ADJ Beam Up to 500lm 2700K/3000K/3500K/4000K

On-Off

ALLURE SMART

120x150mm / 120x250mm AF Up / AF Down / AS Up / AS Down AF + AF / AF + AS / AS + AS From 530lm to 2297lm 2700K/3000K/3500K/4000K

HF Motion Bluetooth

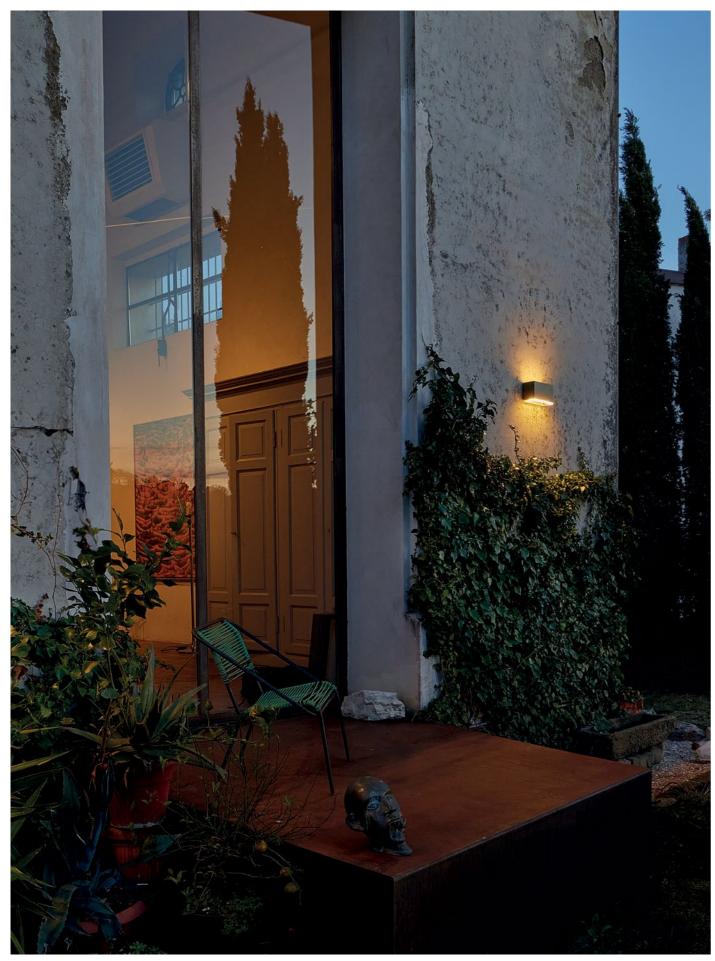
BLE Casambi

DALI

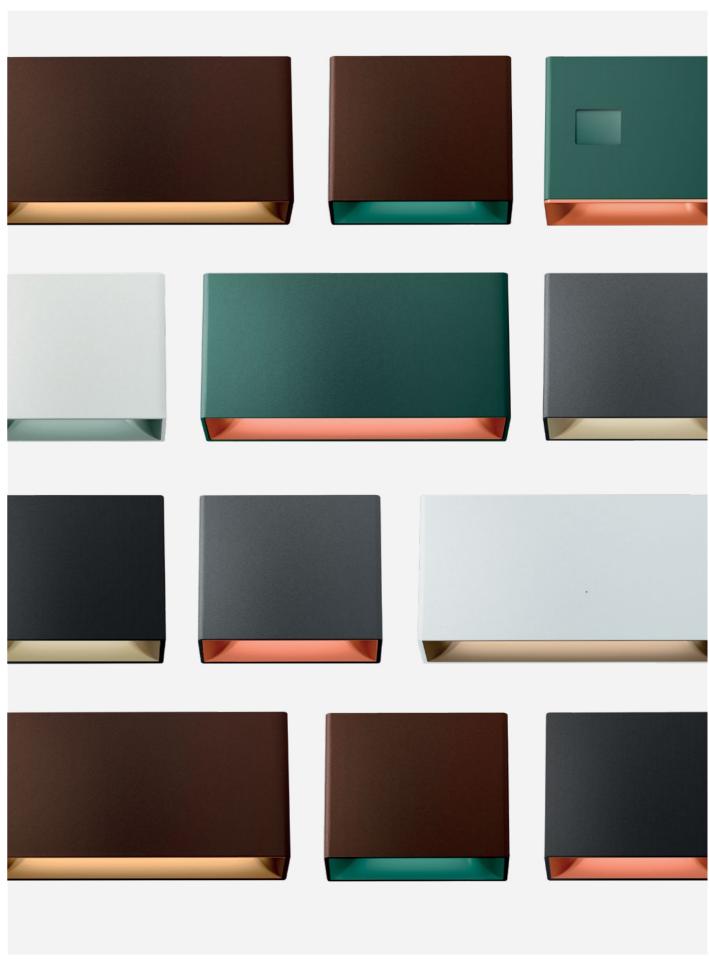
HF Motion Bluetooth Quick BLE Wisilica (External)

More about the entire range





CONSORZIO RCZ Courtesy: Studio Roberto Coda Zabetta Photo: Fabio di Carlo



### **FILORAIL**Invisible Soul

A slim, sinuous track implements a utopian concept based on a vision of a future where technology merges invisibly with architecture.

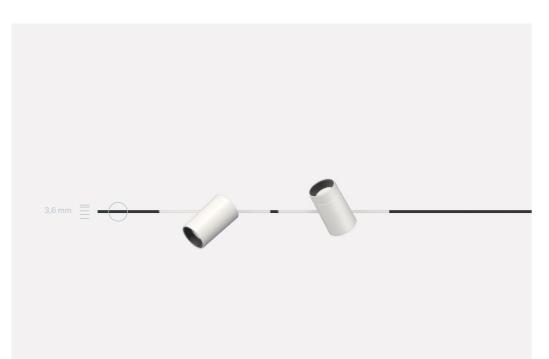
Filorail unfolds elegantly on the ceiling to create a subtle yet impressive presence, like a thread of shadow on the ceiling achieving an aesthetic of refined simplicity. With an aperture of just 3.6 mm, Filorail has a futuristic impact where technology integrates imperceptibly with architecture to create a harmonious blend between innovation and design, meeting the needs of people using these spaces without interfering with the aesthetic experience and offering an advanced lifestyle setting. Using a simple adapter, Filorail becomes a slim shadow housing products such as Newfo, Palco LV, Robin, Libera, Laser, Laser Blade XS, leaving the centre stage to them to illuminate spaces and express their inherent beauty without visual distraction. Filorail can be installed as a recessed, minimal and frame surface-mounted or pendant system. It can move on horizontal and vertical surfaces, like a silver thread outlining a straight or curved line. Filorail is a concealed rail with a technological presence that is only evident through its effectiveness, not its visibility.

As slim as a wire with an aperture of only 3.6 mm

Straight and curved lines in horizontal and vertical planes

Open installation with mini floodlight adapter and LV linear systems

Multiple pendant, recessed and surface-mounted installation



FILORAIL

48V 16 A

Surface Mounted

Pendant

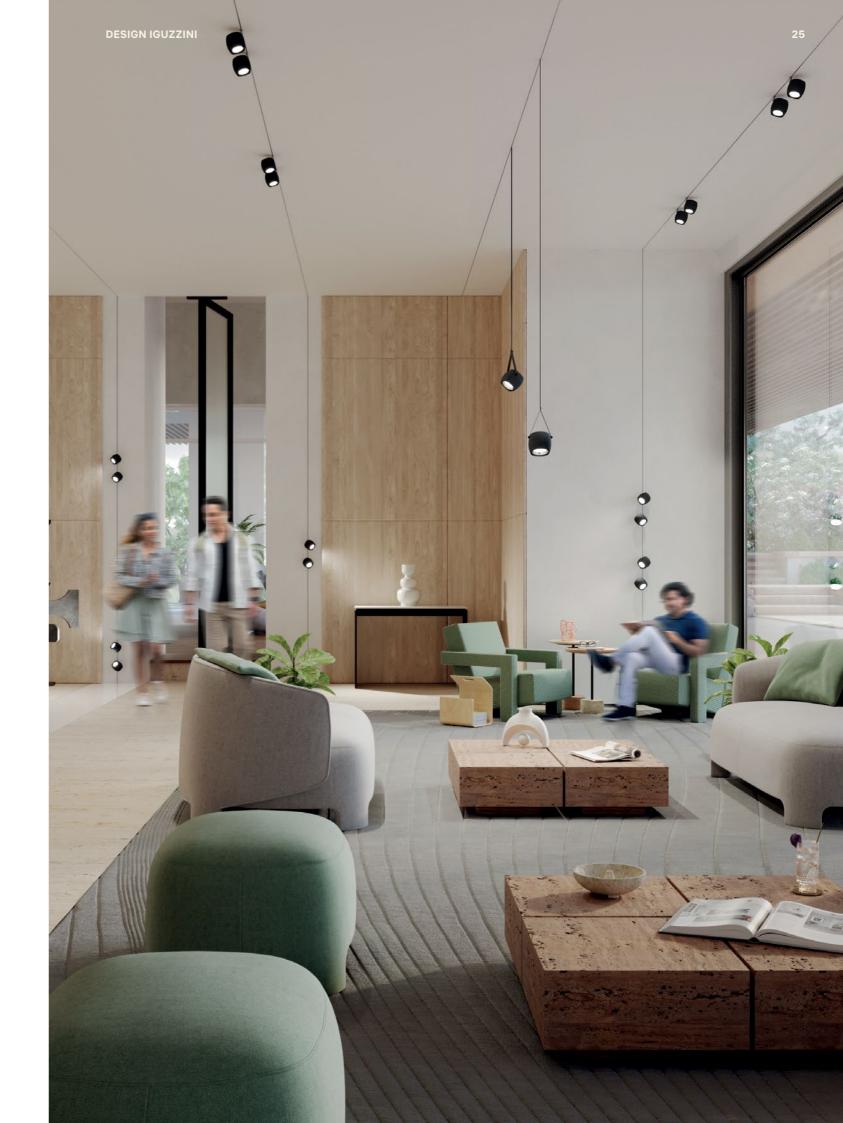
Minimal recessed

Linear versions

Curved versions

Elaser Pendant
Laser Blade XS
Libera
Newfo
Palco Low Voltage
Robin







#### **LIBERA**

#### Free your mind

The heart and soul of the Libera system reveals a bold and liberating interpretation of light, shapes and spaces, where the keyword is freedom.

Libera can be incorporated into complex systems or used as a stand-alone sign of light. Every component is designed with a formal intention. The bar has a tapered cross-section with a brass joint and the base is a decorative as well as a functional detail. What makes Libera unique is Optidiamond, a professional, miniaturised optic with very high performance in terms of visual comfort and lighting efficiency. The optic with opal diffuser, including up/ down, on the other hand provides soft and reassuring general lighting. Libera is smart: it integrates sensors and is aligned with the latest control and intelligence technologies for tailor-made lighting where required. It is easy to operate with a Bluetooth device, such as a smartphone. Libera is also ideal for workplaces, with new table-top, floor-standing and even pendant versions. Libera easily fits in to any setting, from private homes to public spaces.

Absolute freedom of movement, composition, installation and application

**Precious over time** with natural brass details Up to 133 lm/W, efficient and comfortable

Smart light and smart services: integrated sensors for smart light, going beyond lighting itself



LIBERA

2700 / 3000 / 3500 / 4000K Up to 133 lm/W

ON-OFF / DALI / BLE CASAMBI /

MATTER / PUSH DIM / PWM Organic Response on board





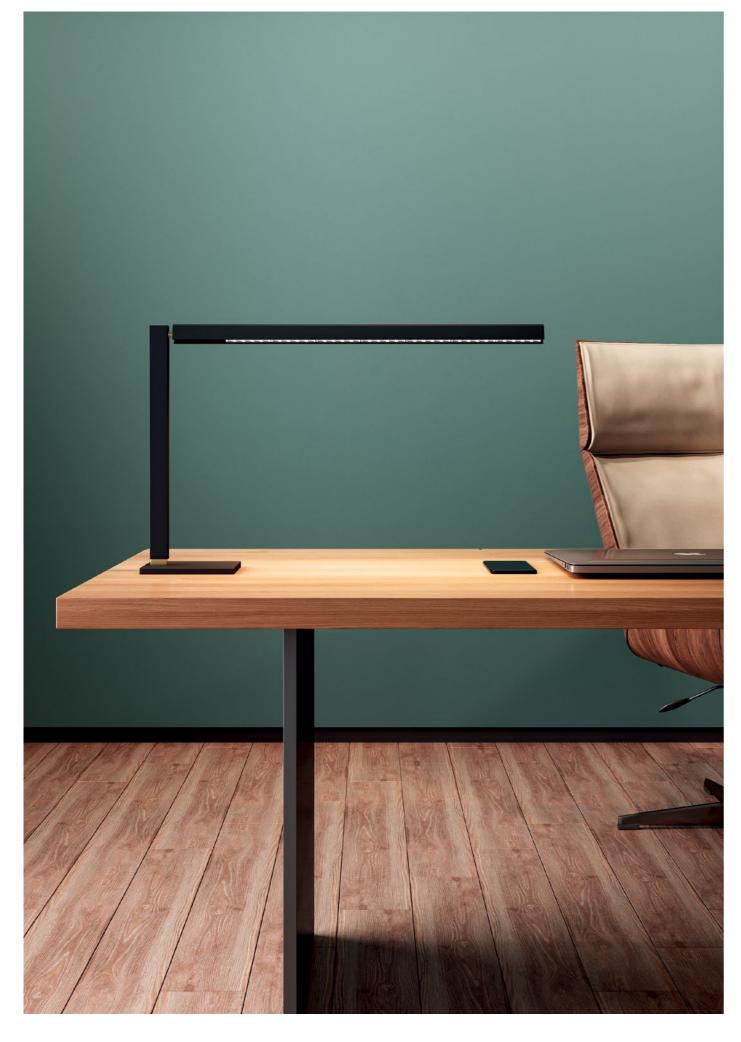
BLE

Quick BLE Wisilica (External)









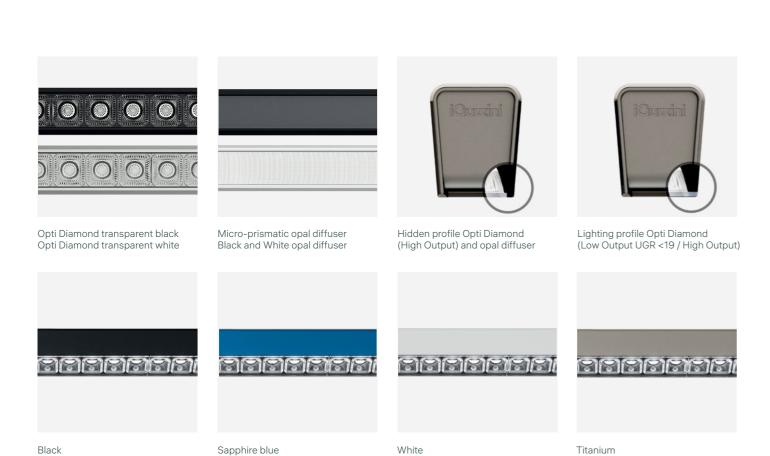


TOOLS 24 DESIGN ARTEC STUDIO

#### **LIBERA**

#### Free your mind







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#### **LIGHT SHED LINEN**

Designing wellbeing

Made by nature, made to connect with nature. A new, even lighter and more sustainable version. Light Shed Linen is the first professional lighting product made of linen.

A product made with linen makes a significant contribution towards reducing the carbon and water footprint. Light Shed Linen is a more sustainable and warmer variant made with a linen fibre composite that revolutionises the aesthetic impact and integrates more functions. The neutral colour, the material surface features, the rough touch and the very slight three-dimensional effect of the texture help create a biophilic setting and promote emotional wellbeing. Excellent luminous efficiency and visual comfort, with integrated sensors to optimise the balance between natural and artificial light, even including Tunable White. It is also possible to insert a speaker, video camera or environment sensor to make the setting even more agreeable and safe - in every way. Light Shed linen reminds us that technology and nature coexist within us and in everyday spaces, thereby also crossing the boundaries of the living world.

NFPP recyclable and durable linen fibre

**Environmental impact** -50.3% CO2, -18.4% water footprint compared to Light Shed dB

Biophilic design for holistic wellbeing **Smart Light with built-in** sensors, Smart Services and integration for speakers and video cameras



LIGHT SHED LINEN

596 x 596 mm

3000 / 4000K / TW

From 2200 to 3497 lm

Up to 123 lm/W DALI / CASAMBI

Speaker and Videocamera





Quick BLE Wisilica



#### **NEWFO**

#### Squircle attitude

Harmony and balance embrace efficiency and comfort: Newfo has a composed beauty that exudes a sense of modernity and timelessness.

Newfo is inspired by the Ufo floodlight launched in 1977 – an icon of innovation in architectural lighting. The addition of 'squircle' design aspects involved a review of the product's lines, curves and angles to fit into a more contemporary shape, while retaining certain features of the original design. Additionally, it also expresses an attitude that incorporates elements of solidity and structure (represented by the square) together with a dash of flexibility and fluidity (represented by the circle). This embodies a balanced approach that combines technological practicality with softness and spatial adaptability. Newfo is mounted on Filorail, either directly or suspended by a double cable. Patented Optibeam optics, lenses and refractors, also interchangeable with the easy 'Push&Go' system. Newfo has a delicate and functional, soft and technological impact.

A compact and technological re-design of UFO, faithful yet contemporary **Delicately suspended with** a double cable

Optibeam technology: patented optics, lenses and reflectors

Patented 'Push&Go' system for simple, safe and fast changing of optics and accessories



**FILORAIL TOOLS** 

60 / 88 / 116 mm

S/M/F/WF

Opti Beam Lens

Opti Beam Reflector

Projector / Pendant Da 456 a 3500 lm

2700 / 3000 / 3500/ 4000K

PWM / DALI Powerline / BLE CASAMBI

BLE

Matter

**PWM** 

Quick BLE Wisilica









#### **SIPARIO** It's showtime

Sipario lights up the stage: welcome to a new generation of flexible, efficient and future-proof professional floodlights with high optical performance. Graceful design and sustainable vocation.

Adopting sustainable solutions in museum or retail lighting contexts has positive impacts on the environment, improves the overall visitor experience and also safeguards exhibits and goods. Sipario is a floodlight designed to be sustainable, easy to disassemble and lightweight. It is made from mass balanced, recycled and recyclable materials. LED and driver maintenance is made easy thanks to front and back openings. Low power consumption thanks to the efficiency of patented and interchangeable Optibeam optics, lenses and refractors. One external and up to three indoor lighting system accessories can be fitted simultaneously. Wireless potentiometer management is also possible with the Easy Dimming App. Patented push&go, opti-bag system as standard. System management with BLE Wisilica and Casambi wireless or wired DALI technologies. Mains voltage track and coming soon – even 48V. Sipario also offers smart services, such as push notification, creating value beyond light.

**Optibeam technology** patented optics, lenses and reflectors

Patented 'Push&Go' system for simple, safe and fast changing of optics and accessories

Easy dimming app for remote potentiometer management

Efficient, smart and circular for low consumption and easy repairs



SIPARIO

Ø60/Ø88/Ø86/Ø122

SS/S/M/F/WF

Opti Beam Lens

Opti Beam Reflector From 1050 a 3500 lm

2700 / 3000/ 3500 / 4000K / TW

CRI 90 / CRI 97

Wireless Control

Potentiometer Dim on board

DALI / BLE CASAMBI

BLE Casamb

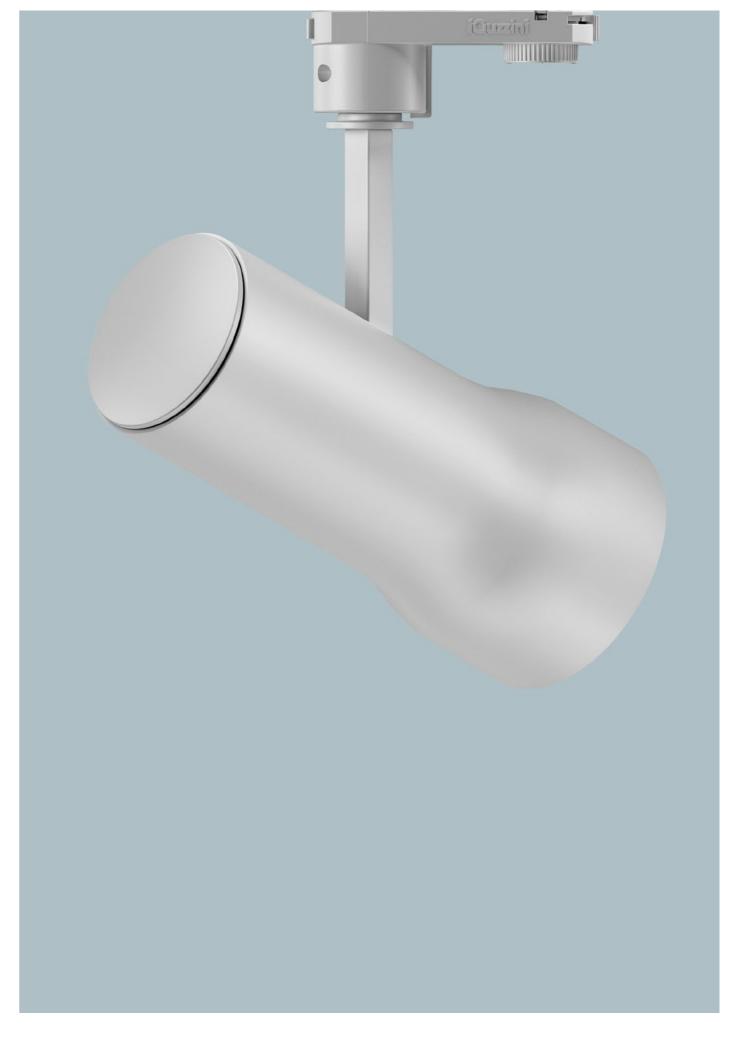
Jiminy App Push notification Quick BLE Wisilica (External)











#### **SPACEPAD**

#### Extreme flexibility

Offices with flexible layouts encourage freedom, collaboration and dynamism. Light designed for such settings makes them comfortable and tailor-made for continuous evolution.

Spacepad is a lightweight, minimalist, highly comfortable and efficient track-mounted solution at up to 167 lm/W. It is designed to adapt to spaces by moving and rotating on the track to allow continuous adaptation to new layouts or visual requirements, as well as to provide the right lighting for each visual task. Two different lengths, with different functions yet both featuring Optidiamond optical technology, with UGR<19 and controlled luminance or General Lighting, providing rich light emission and perceptual wellbeing. Spacepad Smart is the new version with a sensor integrated into the design. It offers a plug&play Organic Response solution to promote responsible energy use as well as optimal usage of settings by enabling smart services such as space management. Other wireless technologies such as Casambi or BLE-DALI interfaces, as well as wired DALI are also available.

Up to 167 lm/W, +60% compared to similar solutions

Smart Lighting, including with plug&play

Space management is an integrated smart service that optimises how space is used

Flexibility: it adapts to layout changes



SPACEPAD

L: 415 cm / L: 880 cm

General Lighting

JGR

From 2223 to 8520 lm

Up to 167 lm/W

2700 / 3000/ 3500/ 4000K Organic Response on board

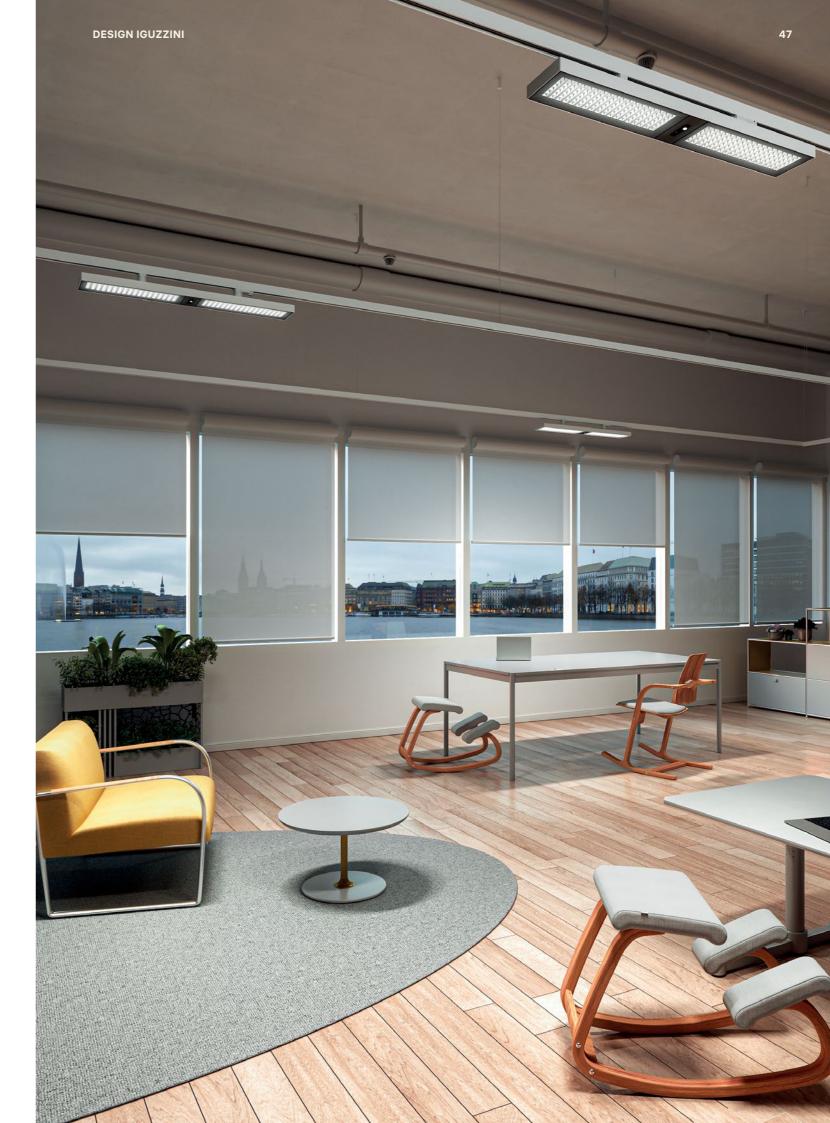
DALI / BLE CASAMBI



Organic Response BLE Casambi DALI

Quick BLE Wisilica (External)

More about the entire range



#### **TRICK EM**

#### Push the boundaries

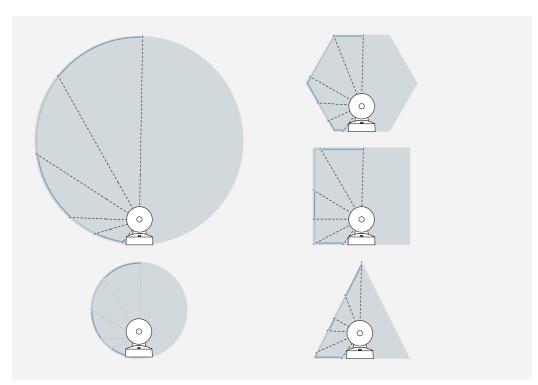
Trick EM generates ideas and revelations. Small and compact, it releases light as it moves through spaces, gently brushing them to reveal curves and architectural details.

Light can be magical: it can reveal spaces and architecture to us in different ways, inspiring emotions. Trick EM was developed to achieve new, surprising and positive interpretations of the urban and residential scene. An optical jewel with ten independent sectors capable of unleashing endless lighting effects. Various separate or merged, static or dynamic segments can be illuminated from a single point. A revolutionary tool that allows light alone to brush-stroke architecture, adapting to and disappearing into space thanks to its miniaturised dimensions. The three types of base for outdoor and indoor applications ensure flexibility in horizontal and vertical rotation. Integrated electronics with the DMX protocol can be managed either in plug&play mode with pre-set scenes or with a control system. From dynamic to mobile lighting, creating a dance of light.

Reveals architecture by inspiring astonishment

Up to 10 independent sectors for endless effects

Integrated DMX driver, pre-set scenarios or through a control system Compact dimensions for minimal visual impact on architecture



TRICK EM

Ø110mm

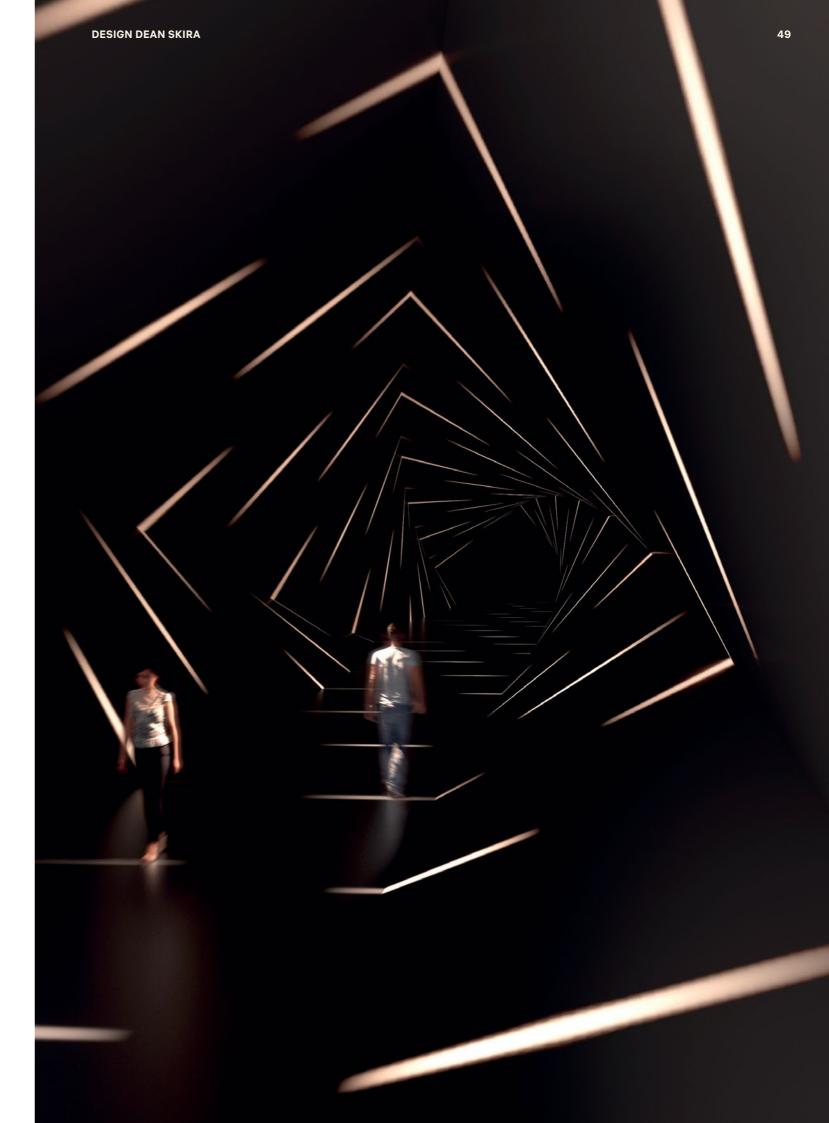
10 independent sectors

3 bases for every application requirement

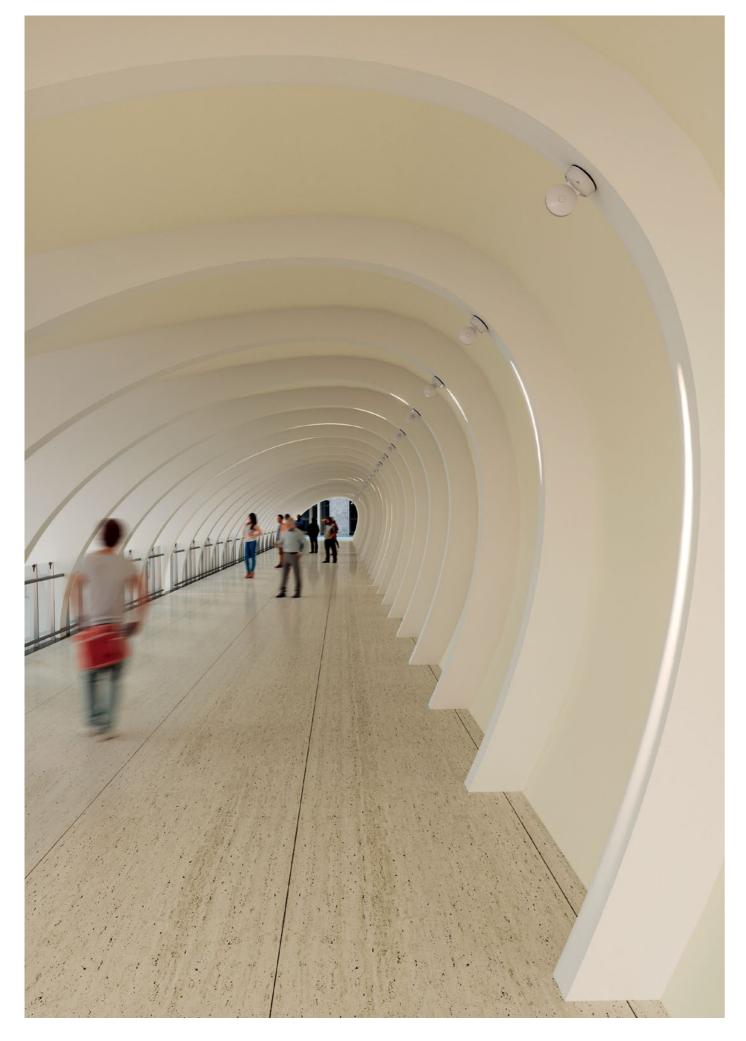
3000K

DMX / RDM





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Editorial Coordination: iGuzzini Creative Direction: 2x4 Inc. Art Direction: iGuzzini Graphic Design: XyComm
Render: iGuzzini / Truetopia (pag 25/29/37/39)
Print: Centro Offset

