



THEATER

Enhance the
Opera House
and Theater
experience
with us.



SPOTLIGHT[™]
professional lighting for the performing arts

da aggiornare

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Since 1969, **Spotlight** has been committed to designing and manufacturing **professional lighting fixtures** for **prestigious events and infrastructure worldwide**.

Focusing on illuminating renowned venues and cultural spaces where lighting is pivotal in creating captivating atmospheres, **Spotlight** boasts extensive technological expertise. This proficiency facilitates the development of high-performance lighting fixtures with distinctive designs.

Proudly **crafted in Italy**, our products stem from **cutting-edge laboratories**, where a dedicated team diligently refines projectors that have become synonymous with excellence and dependability over the years.

Furthermore, each fixture in our range can be **customized** to meet **specific customer needs**. This adaptability enables us to offer **unique solutions** that cater to the requirements of even the most discerning lighting designers and complex projects.



**Transformative Illumination:
Spotlight's Dynamic Lighting Captivates Audiences!**

Spotlight's lighting fixtures revolutionize the ambiance of **opera houses and theater stages**, seamlessly blending innovation and precision. These fixtures transcend conventional lighting, playing a crucial role in crafting an immersive visual journey



Their capacity to provide robust and consistent illumination, without sacrificing performance, underscores their dependability, making them the top pick for opera houses and theater stages where every scene is pivotal.

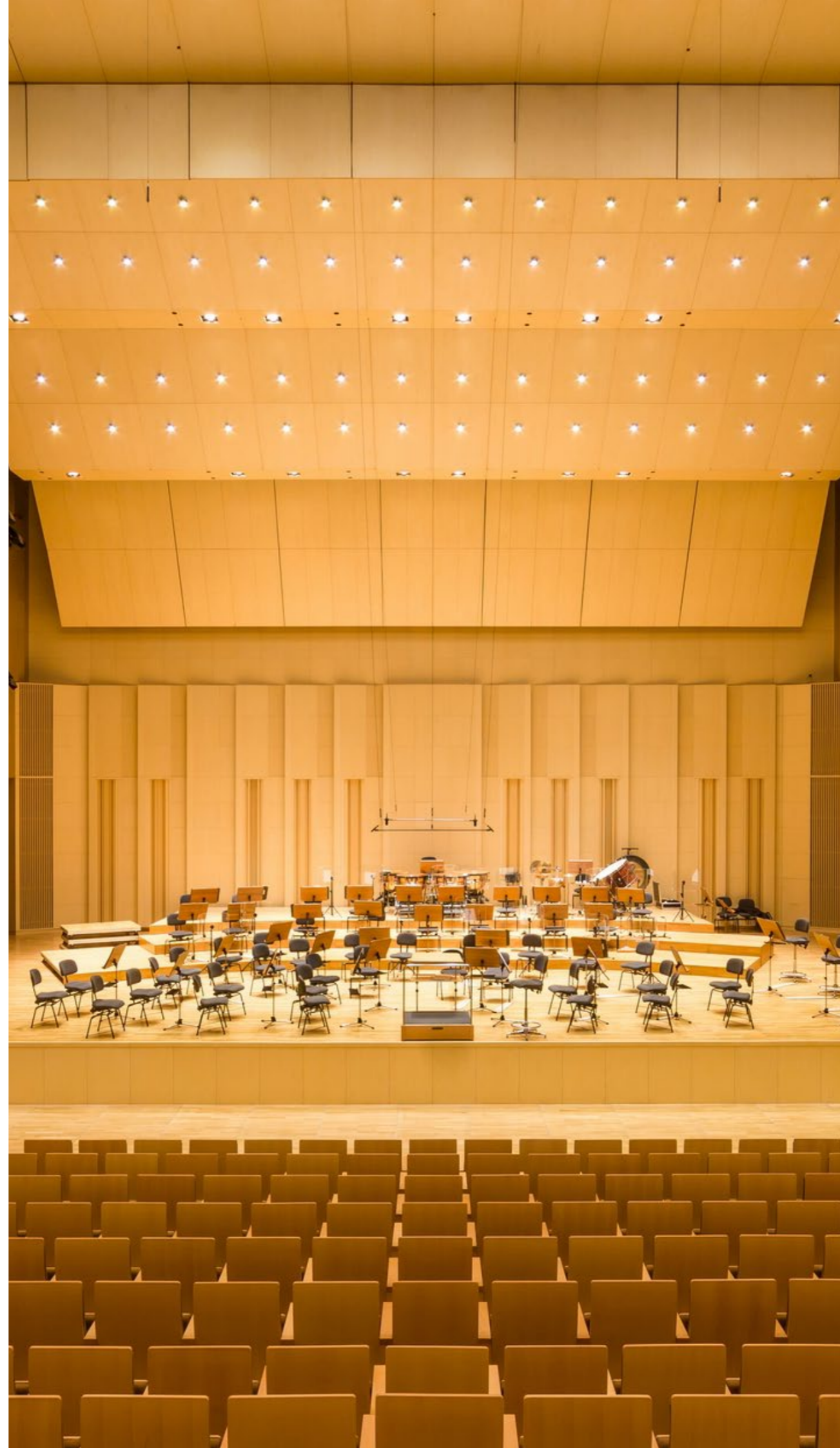
Spotlight's commitment to **innovation and tailored options** for lighting designers guarantees that each performance evolves into a visual marvel, where the fusion of light and stage design delivers an unforgettable spectacle for both the audience and the performers.



LED lighting qualities

LED lighting offers numerous benefits for opera houses and theater stages:

- **Energy Efficiency:** LED lighting consumes significantly less energy compared to traditional lighting sources, reducing electricity costs and making it more sustainable for long performances and rehearsals.
- **Longevity:** LED bulbs have a longer lifespan than traditional bulbs, reducing the frequency of replacements and maintenance, which is particularly advantageous in hard-to-reach areas such as high ceilings in opera houses.
- **Versatility:** LED lighting systems offer a wide range of color options and adjustable brightness levels, allowing lighting designers to create various atmospheres and scenes to complement different productions and moods.
- **Instantaneous Lighting:** LED lights reach full brightness immediately upon switching on, eliminating the need for warm-up time, and ensuring timely and precise lighting cues during performances.
- **Cool Operation:** LED lights emit very little heat compared to traditional lighting sources, helping to keep the stage and performers cooler, which is crucial for comfort during long performances and for protecting delicate stage props and costumes.



- **Dimming Capabilities:** LED lighting systems provide seamless dimming capabilities, allowing for smooth transitions between scenes and enhancing dramatic effects during performances.
- **Reduced UV Emissions:** LED lights produce minimal ultraviolet (UV) emissions, reducing the risk of fading and damage to stage sets, costumes, and props over time.
- **Flexibility in Design:** LED fixtures come in various shapes and sizes, offering flexibility in design and placement to accommodate the unique layout and aesthetics of each opera house or theater stage.
- **Environmentally Friendly:** LED lighting is free from harmful substances such as mercury and emits less carbon dioxide compared to traditional lighting sources, contributing to a healthier environment.
- **Enhanced Control:** LED lighting systems can be easily integrated with advanced control systems, allowing for precise control over individual fixtures, color mixing, and lighting effects, providing greater creative freedom for lighting designers.



SPOTLIGHT'S SOLUTIONS

Fresnel, Pc, Profile, Followspot

100W

Designed for efficiency and adaptability, these fixtures provide dependable illumination across diverse settings. Compact yet potent, they furnish optimal lighting solutions without compromising on performance. Our 100W fixtures prioritize energy conservation while maintaining brightness, rendering them a perfect selection for economical yet impactful lighting solutions.

200W | 300W

Compact yet powerful fixtures provide optimal lighting solutions without sacrificing performance. Carefully crafted for enhanced brightness, they achieve a perfect equilibrium between power and efficiency. Robust and commanding, these fixtures illuminate large areas with unparalleled brilliance, making them ideal for spaces demanding substantial illumination.

700W

Crafted for powerful lighting, these fixtures deliver heightened intensity and effectiveness. These commanding fixtures present optimal lighting solutions without concessions, ensuring a strong and efficient radiance. Ideal for large areas, our 700W fixtures stand as symbols of efficiency and dependability, altering surroundings with their remarkable and authoritative presence.

HYPERION Series





Fresnel

100W | 200W | 300W | 700W

The Fresnel spotlight generates a cone of light that provides a consistent field of illumination with soft edges, enabling the accentuation of various objects without creating sharp contrasts between the lit surface and its surroundings.

Projectors equipped with a Fresnel lens, distinguished by their distinctive surface featuring concentric “steps,” ensure a wide and even distribution of the light beam. This characteristic results in a seamless transition between areas illuminated and shadowed. Utilizing an adjustable fork and optics adjustment mechanism, these fixtures are utilized to achieve diffuse and uniform directional lighting, yielding notably soft “out-of-focus” edges.



PC

100W | 200W | 300W | 700W

The PC spotlight generates a light beam with more defined edges and a higher concentration of light. Typically recommended for applications where the surrounding area of the illuminated object requires complete darkness and a sharper contrast between light and shade is desired.

Projectors featuring a Plano-Convex lens, recognizable by a flat surface on one side and a smooth, convex surface on the other, ensure focused and even accent lighting. Equipped with an adjustable fork and optics adjustment system, these fixtures create contours that are consistently “out of focus” yet more pronounced compared to the Fresnel version.



Profile

100W | 200W | 300W | 700W

The Profile spotlight projects a circular beam of light. The built-in zoom feature allows for easy adjustment of the size of the projected beam by moving the lenses. Ideal as a gobo projector, the Profile offers added flexibility with its zoom optics and is compatible with both standard and custom gobos. These projectors are equipped with two adjustable lenses – a focus lens and a zoom lens.

This enables the creation of projections with precise outlines (in focus) and adjustable width (zoom). The projectors also include an adjustable fork and shaping slats, providing the capability to shape the light beam and produce projections beyond just circular ones. Primarily employed for accent and precision lighting, Profile spotlights are instrumental in shaping geometric forms and figures such as paintings or architectural elements. Additionally, they serve the purpose of projecting logos and images, often referred to as gobos.





Followspot

300W | 700W

Followspots possess an optical and focus adjustment system similar to profile spotlights, but they distinguish themselves by being affixed to ground-based aiming systems, commonly referred to as stands. These stands allow for seamless and well-balanced movement of the spotlight.

In contrast to profile spotlights, Followspots are purposefully designed to enable direct and manual aiming control by a lighting operator. Their primary use is in long-distance accent lighting, especially in scenarios where the lighting operator must manually track the movements of a performer on stage, particularly when their positions are not predetermined.



MANUAL DIMMER CONTROL



LASER POINTER



DOUBLE SIDE BAR



ROTATABLE OPTICS



MANUAL COLOUR CHANGER



FROST FILTER



SOFT-TOUCH HANDLES

These fixtures are frequently utilized in expansive concerts and live events or strategically positioned at the rear of opera theater galleries to consistently illuminate the principal performers.

Housing



A strong housing

Our fixtures feature robust housing with an IP20 rating, meticulously crafted from rugged, highly resistant extruded aluminum. The construction is free of defects like burrs, pits, and malformations, complemented by lightweight fiberglass enforced hammer-proof techno-polymer components.

Designed with user safety in mind, the housing is devoid of sharp edges and combines durability with a lightweight, rustproof build. Its excellent mechanical strength ensures a prolonged lifespan, even in high humidity conditions.

The finish is both shockproof and aesthetically pleasing, adorned with an anti-scratch epoxy resin powder coating in a non-reflective black finish applied using advanced electrostatic technology.

Our fixtures come equipped with a robust rustproof aluminum yoke that is reversible and height-adjustable, featuring fast balancing technology. It is securely mounted on an extruded aluminum sliding rail, providing flexibility in yoke positioning.

For added convenience, our fixtures can stand on the floor without requiring additional accessories, thanks to a quick-adjustable and highly flexible yoke positioning. The fixture also includes a user-friendly display with four buttons for easy local control.



Local potentiometers

Our fixtures feature local potentiometers/encoders for easy control, providing a range of presets for instant access to colors even without DMX or a lighting desk (console). The software allows you to enable or disable these potentiometers/encoders based on your preference.

When active:

In the absence of a DMX signal, the fixture is controlled via potentiometers/encoders.

In the presence of a relevant DMX signal, the potentiometers/encoders are ignored. If the DMX input is removed or lost, the fixture retains the last DMX level until adjustments are made using the potentiometers/encoders, setting a new value.

The fixture can be easily stood on the floor without another tooling, thanks to a quick adjustable and extremely flexible yoke positioning, reversible for any situation of hanging or floor mounting.

Super bright display

Featuring a rear-side display complete with a user-friendly 4-button interface, our fixtures offer convenient local control and setup. To prevent any unintended light emission, the display can be easily turned off at your discretion. Additionally, in the event of an “upside-down” fixture mounting, the display is designed to be rotatable, ensuring ease of readability in any configuration.

If the encoders are disabled the fixture can be controlled only via DMX (or MASTER-SLAVE function).

Optical, Focusing & Accessories



Focusing

The focusing is made by very accurate soft fine-tuning endless screw zoom mechanism placed inside the housing to guarantee that the size and balance of the fixture remain stable in any position, even with barn doors and filter frames in front.

The projection has a very precise variable beam angle fine adjustment without jerkins.



Optical

The optical system ensures a robust, evenly distributed, and superior-quality light emission without any pixelation.

Optical lenses are affixed to extended holders to enable optimal ventilation for enhanced performance.

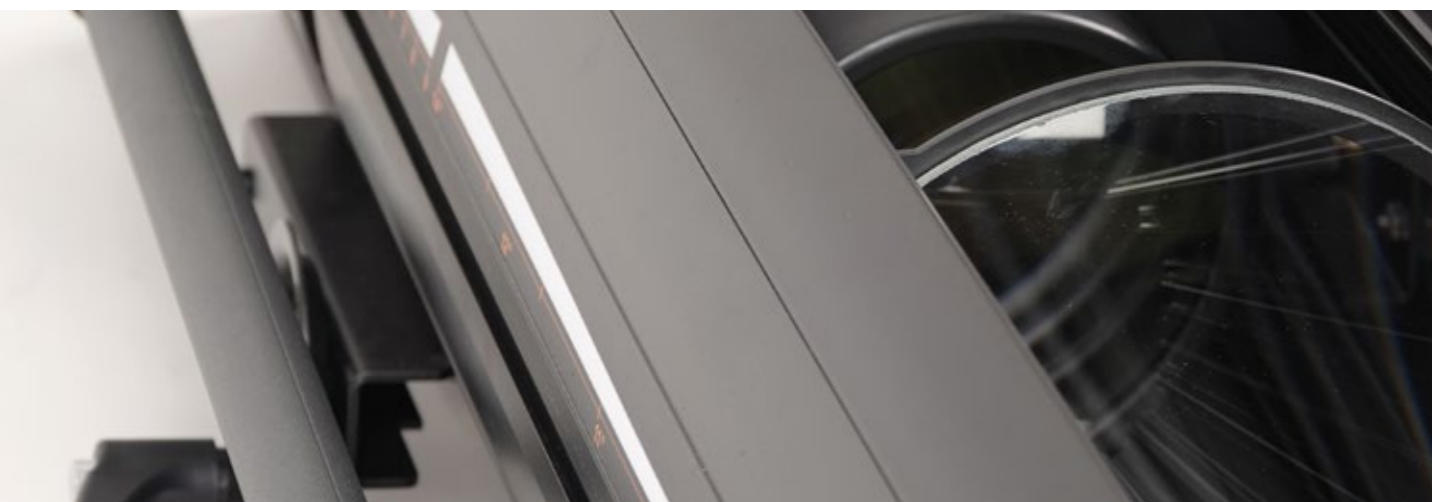


FRESNEL & PC

mount high-quality optical borosilicate glass lenses.

PROFILE

mount high-quality glass lenses with AR anti reflex coating.



Accessories

WIRELESS DMX



BARN DOORS



MOVEMENT SYSTEMS





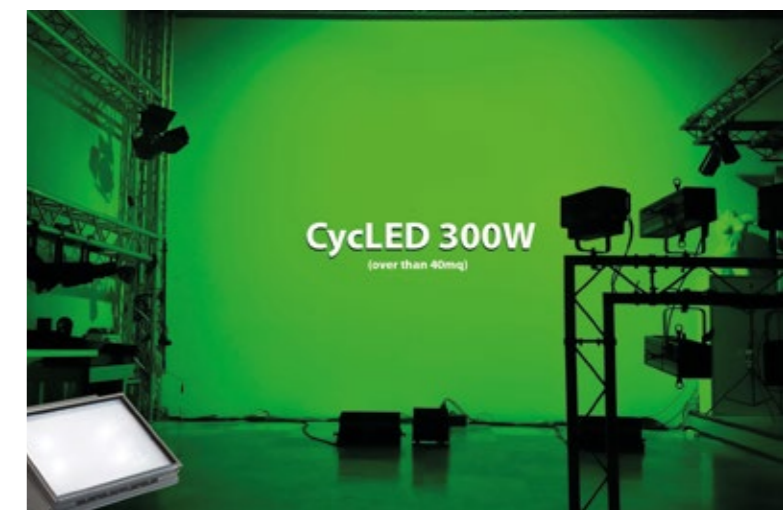
Projectors equipped with an optical system, either symmetrical or asymmetrical, **tailored to illuminate expansive areas** with the broadest and most consistent light beam achievable.

Symmetrical diffusers also referred to as “ribaltine,” evenly symmetrically distribute light, ideal for **direct lighting of fashion live show elements** such as models. Asymmetric diffusers, known as “**cycloramas**”, are employed to uniformly illuminate the fashion show backdrop, creating a seamless and immersive visual experience.

CYCLORAMA Series

The CYC LED fixtures deliver uniform illumination to any type of stage or runway backdrop, establishing **the desired atmosphere** in settings where precise colors and lighting are crucial.

With its exceptionally wide horizontal beam and the capability to produce a virtually infinite spectrum of colors using **LEDs**, this fixture provides **notable cost savings**, both in the number of luminaires required and in overall power consumption.



A strong housing

The housing boasts an IP20 rating, constructed from rugged extruded aluminum that is highly resistant and free from defects such as burrs, pits, and malformations. This design is complemented by lightweight, hammer-proof techno-polymer parts reinforced with fiberglass.

The housing is free from sharp edges and is crafted with a durable, lightweight, and rustproof construction, exhibiting excellent mechanical strength for an extended lifespan, even in high humidity conditions.

Its finish is shockproof, featuring an anti-scratch epoxy resin powder coating in a non-reflective black finish applied with electrostatic technology.

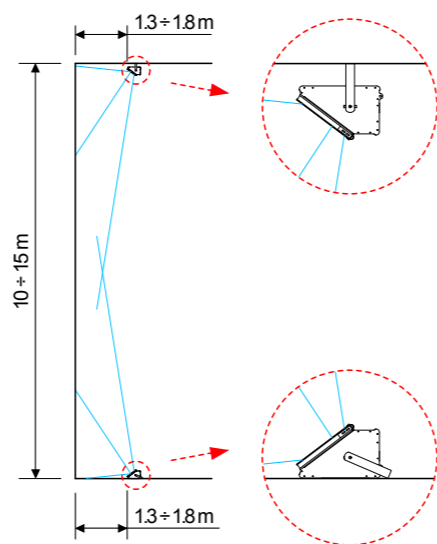
The fixture is equipped with a robust, rustproof aluminum yoke that is reversible and height-adjustable, incorporating fast balancing technology. It is mounted onto an extruded aluminum sliding rail, allowing versatile positioning of the yoke. The fixture can stand on the floor without additional accessories, thanks to a quick-adjustable and highly flexible yoke positioning. A display with four buttons is included for convenient local control.

Ultra-bright control panel

Featuring a rear-side display equipped with a user-friendly 4-button interface for convenient local control and setup.

To prevent any undesired light emission, the display can be easily turned off.

In the event of an “upside-down” fixture mounting, the display is designed to be rotatable, ensuring optimal readability.



Focusing

The fixture is versatile, and capable of functioning when mounted upside down on a ceiling, pipe, or truss. It is also compatible with not perfectly parallel walls or curved screens, ensuring there are no overlapping hard-projection edges or dark light gaps.

Additionally, the fixture provides flexibility in placement:

It can be positioned side by side with other fixtures, enhancing intensities and rainbow color effects.

Alternatively, fixtures can be spaced every 3 meters in line with other lights, eliminating the need for a dedicated truss or suspension pipe.

The fixture is equipped with a user-friendly frost filter frame holder at the front, allowing for quick and easy adjustments to create a harder or softer color beam projection, along with the option to use additional filters.

Designed to be placed on the ground or mounted upside down on a truss to illuminate backdrops from above, the CYC LED fixture is a true asymmetrical and highly efficient optical floodlight and wall washer. It is engineered to provide powerful, smooth coverage of a wide range of pastel colors, ensuring even illumination across an area approximately 6 meters wide and 7 meters in height. Positioned at a distance of only 1.5 meters from the backdrop, it achieves uniform projection without pixelation effects.

Optical

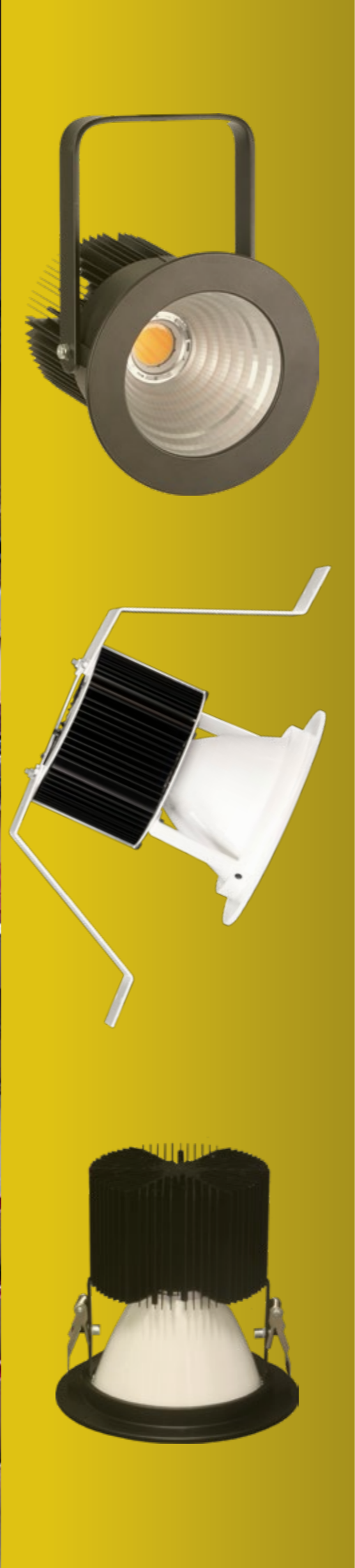
The optical system guarantees a powerful uniform high-quality light output without pixelation.

The Floodlight CYC LED works with overlapping crossed beams: the group of LEDs from the left shoots directly to the right of the screen and vice versa.

Accessories

MOVEMENT SYSTEMS





The HALLED Series relies on an exceptionally efficient natural thermal management system, eliminating the need for fans and ensuring a noise-free operation. This ensures that each Downlight in the series operates in absolute silence, without any buzzing or detectable RFI.

Elimination of visual and acoustic disturbances

The HALLED Series is built upon an exceptionally efficient natural thermal management system, operating without fans and generating no noise. This ensures each Downlight operates silently without any buzzing or noticeable Radio Frequency Interference (RFI).

The HALLED Series serves as an ideal solution for installations where silence, energy conservation, and reduced maintenance costs are critical considerations.



HALLED Series



Smooth dimming from 100% to zero

With a choice between 8 and 16 bits, the dimming process occurs seamlessly, without visible stepping, flashes, or flickers. Users can select from various dimming curves within the intuitive menu. Additionally, a specialized algorithm guarantees consistent color temperature during dimming.



Accessories

PSU 1x85 HRD XLR: Single-unit power supply, high-resolution dimming module with DMX via XLR connectors, wireless-ready.

PSU 4x85 HRD SCR: Four-unit power supply, high-resolution dimming module with DMX via screw-terminal connectors, wireless-ready.

HAL MOL: Set of springs for gypsum board mounting.



Current modulation

This operational mode eliminates flickering disturbances caused by PWM control of the LED and acoustic disturbances generated by electronic components. Particularly suitable for applications in TV studios or acoustic chambers where maximum device silence and absence of flicker are essential.

No overheating

The low-power bright light in acoustic shells poses no risk of heating up expensive instruments and scenery with dangerous Infrared (IR) and Ultraviolet (UV) light. This ensures the comfort of musicians and performers on stage, enhancing overall safety.

Rapid maintenance and reliability

The absence of heat load significantly reduces the risk of breakdowns. Especially in ceiling-mounted applications, the electronic components exert no weight on the downlight, preserving its integrity.



Noise and Thermal Management

All fixtures feature an **advanced thermal management system** aimed at prolonging the lifespan of the LEDs, maintaining an average intensity of 70% even after 54,000 hours of operation.

This system operates using two cooling methods:

- **Passive natural heat convection**, ensured by highly efficient LED cooling achieved through a double labyrinth dissipation design, preventing light spillage over the fixture's top and back.
- **Super silent active cooling system**, controllable via a lighting desk, facilitating forced heat dissipation using a fan. This allows for adjustable fan speeds, offering flexibility in managing noise levels.

Multiple temperature sensors are integrated into the thermal management system to prevent premature LED deterioration. Additionally, the fan speed software enables the override of DMX fan speed settings or current to the LED array, protecting the fixture from heat-related damage and ensuring its longevity.



Professional
lighting fixtures
made in Italy,
since 1969.



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