



HOSPITAL

Illuminate
your way
to health.



SPOTLIGHT[™]

professional lighting for the performing arts

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Spotlight

Professional lighting since 1969

Spotlight has been designing and crafting professional lighting fixtures since 1969, catering to the **world's foremost events and infrastructures**.

Spotlight's expertise lies in providing **illumination solutions for prestigious venues and cultural spaces** where light plays a pivotal role in creating captivating and emotional atmospheres.

We take pride in our **deep technological know-how**, enabling us to create high-performance lighting fixtures with a unique design. All our products are proudly **made in Italy**, originating from **cutting-edge laboratories**. Here, a dedicated team of professionals works every day to design and refine projectors that have over the years become synonymous with **quality and reliability**.

Furthermore, each fixture in our catalog can be **customized to meet specific customer requirements**, allowing us to bring to life **unique solutions** that satisfy even the most demanding lighting designers and challenging projects.





Next generation hospitals

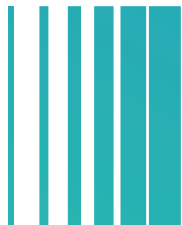
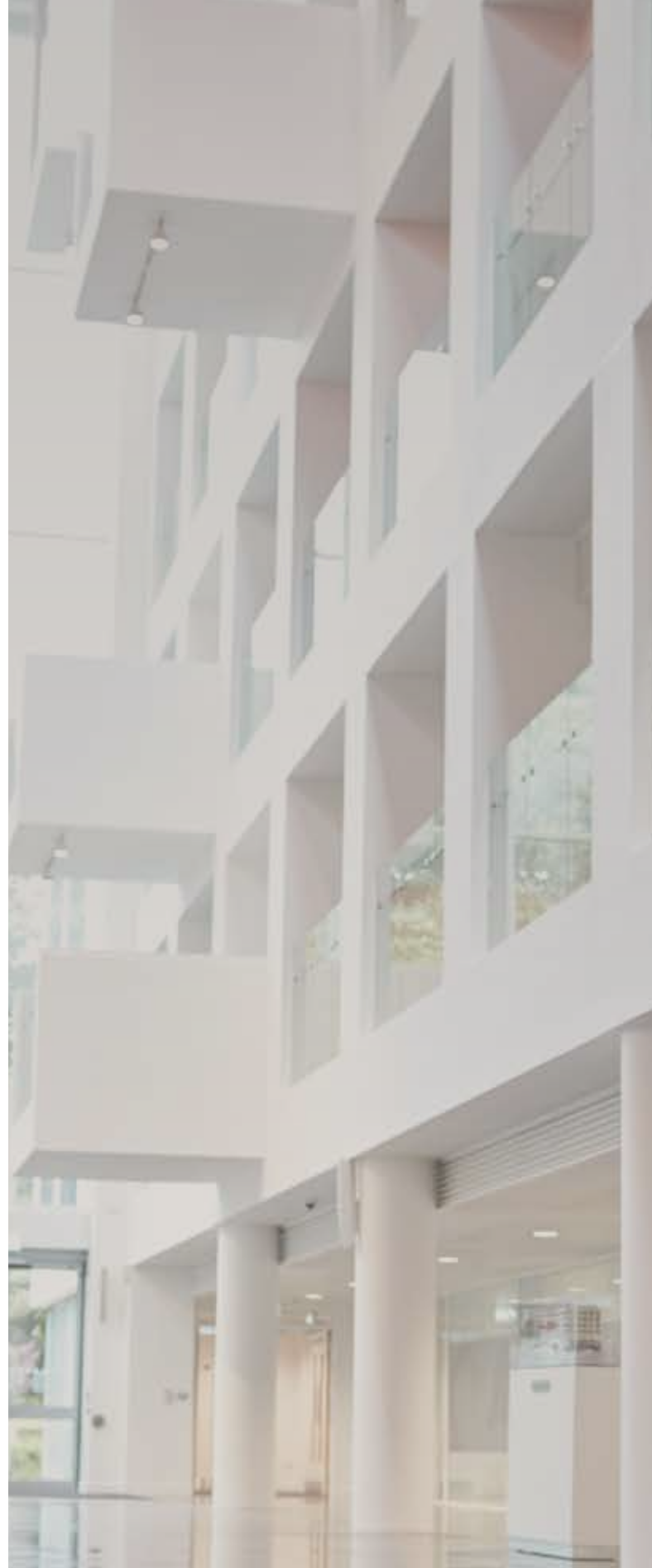
Health care systems and their hospital facilities face huge challenges during emergency situations relating to the management of health care settings and building layouts.

The importance of **providing critical infrastructures and designs** plays a vital role when it comes to the wellbeing of patients and the particular situations that are experienced day-by-day.

Today, the opportunity to design **safe and harmonious architectures** for health can potentially lead to a turning point in our social, economic and environmental well-being.

In addition to this, organised and well prepared hospitals have the ability to address the multiple drivers that are affecting patients on a day-to-day basis and have positive impacts on a widespread scale.

To remain functional, hospitals must be designed with **strong and flexible infrastructures** and interior designs focusing on safety and comfort, in order to facilitate the lives of everyone within the building.





The importance of good lighting in the hospital area

Good quality of light is essential for hospitals to function, and hospitals and other healthcare facilities are places where lights are hardly considered when it comes to improving safety and comfort.

As seen in other venues, **lighting can be a very important factor** for patients, visitors and children, looking for some comfort during sensitive or fragile times.

A good lighting can **speed patient recovery** and **reduce stress** in emergency units. The quality of the visual environment has a positive effect on any occupant's feeling of well-being; in the case of hospitals and healthcare buildings, this can actually affect staff performance as well as patient recovery.

Hospitals that make the investment in energy efficient lighting will be able to make **a great difference** by creating a healing environment.

Benefits of high-quality lighting

Biologically, good lighting design can help stabilize the circadian rhythm, helping improve the overall mood and contributing to better nights sleep. Psychologically, good light can help reduce depression and even increase cognitive performance such as reaction time.

HYPERION SERIES

The Hyperion Series raises quality and power to an ultimate level of excellence. With a compact size and reduced heat production, the Hyperion Series is suitable for the most diverse uses in Broadcasting Industry and Performing Arts.

ARCHITAINMENT SERIES

The Architainment Series combines very high technological standards and contemporary design and it is suitable for the most diverse uses in Architainment.

HALLED SERIES

The HALLED Series generate a full colour spectrum of white, from sunlight to tungsten light from halogen bulbs. These Downlights have the ability to transform the look and feel of a space by introducing a high quality white light, designed for a wide range of applications .



Reception Areas

This is where architecture and design call for a type of **lighting that enhances** their elements. Reception areas, dining halls, meeting rooms, dining areas, museum zones - these are spaces where it's essential to enrich the ambient lighting with **focused accents** on specific points: paintings, statues, icons. Light directs attention when skillfully directed.

Waiting rooms and corridors

Variable color temperature headlights are employed for waiting rooms, in which time seems to stay still. Spotlight illuminators are controlled to emit light identical to sunlight during all hours of the day, from the warm glow of sunrise and sunset at about 700K to the maximum output at 6500K during the afternoon hours.

During the day, our brain processes different **light-based alterations** that can change our mood and our perception. Our **dynamic lightning** is also useful to keep the body **aligned with the circadian rhythm**, namely the natural rhythm that regulates our bodies depending on whether it's daylight or dark.

Lighting fixtures designed by Spotlight,
specifically selected for the reception area,
the waiting rooms and the corridors



Patient rooms

The lighting in hospital beds should aim to ensure that patients feel at ease throughout their hospital stay. Having lighting that patients can adjust according to their personal preferences is a preferable option compared to relying solely on general room lighting, as patients have **varying needs**, and they appreciate features such as the ability to dim or completely turn off the lights.

Additionally, there is a growing need for **energy-efficient hospital bed lighting** to reduce the overall operational costs of healthcare facilities. Utilizing fixtures that offer **multiple lighting options** can significantly contribute to cost savings compared to having a simple on-off type of hospital bed lighting. Commonly used hospital bed fixtures include energy-efficient reading lights and low-wattage night lights. These low-light night lights provide adequate illumination for medical staff while **minimizing disruptions to patients** during their sleep.

Furthermore, the scope of hospital bed lighting extends to cover lighting in patient rooms, corridors, examination areas, and waiting rooms, all of which play a role in fostering a **comfortable atmosphere** within healthcare facilities.

Clinics and diagnostic centers

Clinics and diagnostic centers demand **complex lighting solutions** to help doctors and health operators to perform at the best of their condition tasks that require high levels of concentration.

That is why Spotlight provides a **wide range of lights**.

Moreover, high, uniform illuminance is ideal for best working conditions, **combating fatigue, stress and eye strain**.

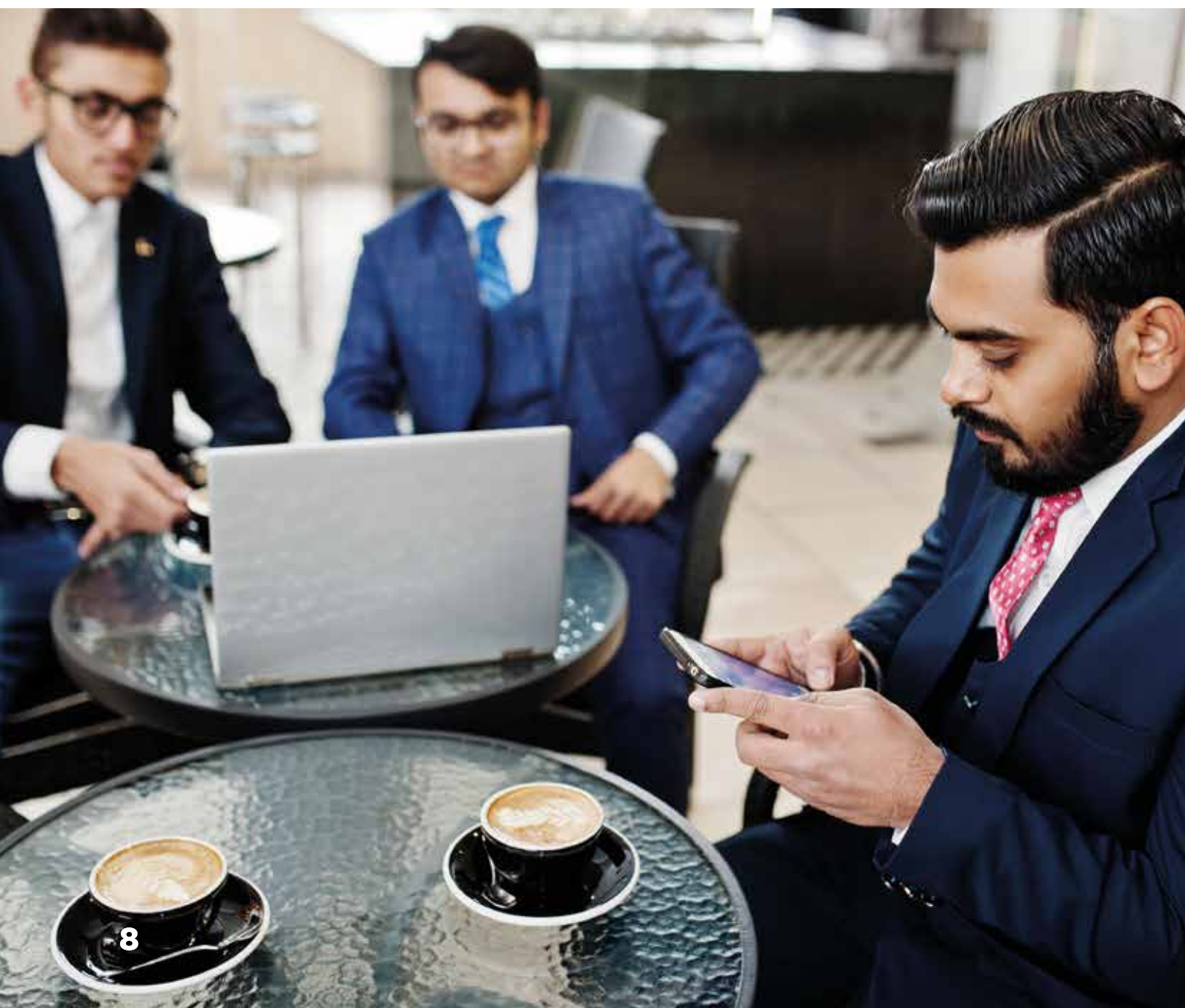


Lighting fixtures designed by Spotlight specifically selected for canteens and snack areas

Canteens and snack areas in wards

An **accommodating light** to the various elements present is necessary in these environments. In this case, the light will serve to adequately illuminate the food and beverages, both for patients who are able to use these services and for visitors and families seeking a moment of refreshment and comfort.

Here, light well directed guides attention thanks to **accents of light** in specific locations.





HaLED is the ideal solution for installations where silence, energy saving and maintenance cost reduction are key factors.



Visitors District

Accommodations

Hotels and reception facilities for relatives and professionals need the **right atmosphere for each area**, from the lobby to the rooms, as well as corridors and the restaurant and bar area.

The quality of lighting in a hotel is primarily influenced by the hotel's **unique characteristics and distinctive features**. Visitors' overall experience in a hotel hinges primarily on the visual impression it conveys, with lighting playing a pivotal role in determining its quality and exerting a profound impact on a subconscious level.

Effectively **harnessing light** involves seamlessly complementing guests' movements in all directions, including skillful manipulation of shadows to achieve the desired contrast.

Employing **creative and emotionally resonant lighting** can produce remarkably positive effects.





Lighting fixtures designed by Spotlight specifically selected for areas of recollection and prayer



Areas of recollection and prayer

Warm-hued illuminators are employed to create **emotional atmospheres** with a blend of diffuse and accent lighting, merging areas of full intensity with areas of minimal illumination, featuring a **smooth dimming gradient** down to the lowest light levels.

Last but not least, in settings where complete silence is required, devoid of the startup noises of discharge or fluorescent lamp ballasts and free from the hum of fans or cooling systems, only **highly professional spotlights** can enable these extreme adjustments without alterations in intensity or color.



Gyms and commercial areas

Here, guests engage in recreation and **activities that they usually do in daily life**. It is necessary, therefore, to ensure the correct lights to help guests properly see even small elements **at any time of the day**.

The lights must be suitable to accommodate the devices present in order **to show every relevant detail**.





Communal areas

Recreational areas for elders and adults, playrooms for children and coworking areas for patients and relatives are also important.

In these recreation areas, lights will be equipped with **Pole Command adjustment systems** that can be oriented without the aid of ladders or overhead access.

These are places where **family members** often **film and record** with amateur instruments such as cell phones, that is why it is essential to have headlights that do not generate flicker or visual distortion, ensuring **high color rendition of shots**.





Entertainment areas

Hospitals are often located within university facilities or are part of **multi-purpose foundations** that require the presence of real theaters or small arenas where music shows, dance performances, concerts, conferences, debates, and interviews are held.

The lighting must be **scenographic and adjustable** according to the needs, while also meeting the necessary requirements for both **professional video cameras and camcorders** and simpler devices like mobile phones, avoiding flickering effects through dynamic adjustment of the emitted light frequency.

Since 1969, Spotlight has specialized in these applications, boasting some of the highest references worldwide.

For the communal areas, Spotlight has specifically designed the lighting fixture **Fresnel Hyperion LED 100 RGBW**



Recreational areas and playgrounds

Warm illuminators are used, arranged to create emotional environments with diffuse and accent lighting, mixing full-intensity and minimal-intensity zones, with a smooth dimming trend down to the lowest levels of intent.

Last but not least, where total silence is required, without the ballast switching noises of discharge or fluorescent lamps and without the hum of fans or cooling systems.

Only highly professional headlights can allow these extreme adjustments without alterations in intensity or color.



Lighting fixtures designed by Spotlight specifically selected for recreational areas and playgrounds



Lighting fixtures designed by Spotlight, specifically selected for the reception area, the waiting rooms and the corridors



Study rooms

In these rooms, people will need the best lighting for reading for an extended period of time. That is why, Spotlight will make sure to employ the best light sources to help concentration and focus, allowing the eyes to see without straining the sight.

The light shouldn't be too intense, nor too dim; it should also be uniform, overhead and directed on the table used for reading.

Green therapy area

Light is a crucial factor for growing indoor plants. All **plants require light for photosynthesis**, the process within a plant that converts light, oxygen and water into carbohydrates, their source of energy.

That is why Spotlight aims to provide the top-of-the-line technologies to ensure the best lighting for plant growing and longevity, even in closed off spaces.

The goal is to create a **green, garden-looking area** that allows those present to feel like they are in a real park, giving them **a moment of relaxation and leisure**, just as if they were outdoors.



GREEN BENEFITS

Plants have a beneficial effect both in terms of recycling air and, visually, they provide a sense of calm that can help make the environment more livable.



Vitamin D - Benefits

Good lighting in hospitals and other healthcare facilities plays a crucial role in promoting **patient well-being and recovery**. Adequate lighting can contribute to the production of vitamin D, among other benefits.

Enhanced Mood and Comfort

Well-lit environments can **improve the overall mood and comfort** of patients and healthcare workers. This can have a positive impact on **mental well-being**, making the hospital stay more pleasant.

Faster Healing

Some studies suggest that patients exposed to natural light tend to recover more quickly from surgeries and illnesses. **Vitamin D**, which can be produced through exposure to sunlight, plays a role in immune function and may **support the healing process**.

Better Sleep Patterns

Natural daylight exposure can **help regulate the body's internal clock**, improving sleep patterns. Patients who get better sleep are often better able to cope with their medical conditions and **recover faster**.

Reduced Depression and Anxiety

Adequate natural light exposure has been associated with **lower levels of depression and anxiety** in healthcare settings. Patients and staff benefit from the positive impact of daylight on mental health.

Energy Savings

Well-designed lighting systems that make optimal use of natural light can also **reduce energy consumption**, which is not only **cost-effective** but also **environmentally friendly**.

Improved Staff Performance

Adequate lighting can **enhance the productivity and well-being** of healthcare professionals, which ultimately benefits patient care.

Patient-Centered Design

Incorporating natural light and good lighting design into healthcare facilities aligns with the principles of **patient-centered care**, creating a more **healing and comforting environment**.

Professional
lighting fixtures
made in Italy,
since 1969.



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