

# Museum Lighting 2025

Award Winning Lighting.  
Using Light Creatively To Drive Sales  
Since 2013.

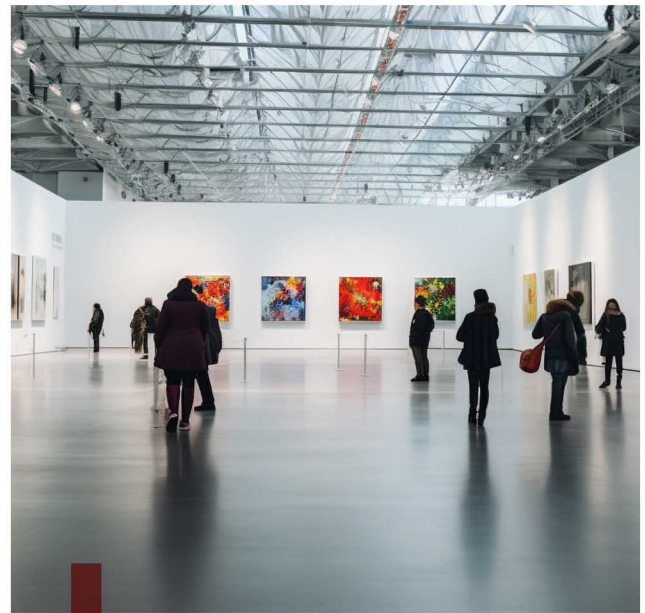


# PARIFY LIGHTING

Illuminate your world with Parify Lighting, the premier specialist lighting solution for jewellers, retail stores, and museums. Our advanced lighting systems are meticulously crafted to enhance the visual appeal of your displays, ensuring every piece radiates beyond your desire.

**We've won awards for our lighting technology and innovation – and we're lighting up the UK and Ireland with unparalleled brilliance!**

Present and preserve artefacts with elegance and care with our products and services. Our specialised lighting solutions highlight the intricate details and textures of exhibits, ensuring they are both visually stunning and protected. With customisable options at your fingertips, we cater to the unique needs of different exhibits, creating an unforgettable experience for visitors.



**WE'RE OBSESSED WITH LIGHTING AND THE WAY IT INFLUENCES EVERY MOMENT OF THE CUSTOMER EXPERIENCE.**

## MEET OUR TEAM

At Parify Lighting, our success is built on the strength of our teamwork. Each member of our team brings unique skills, perspectives, and experiences, creating a dynamic and collaborative environment where innovation thrives. Meet the heart and soul behind Parify Lighting – our team of lighting experts who bring excellence to every project.



**Scot Walker**

**Director**

With over 20 years of experience, Scot is the visionary, engineer and technical expert behind our lighting products and solutions.



**Andrea Walker**

**Director**

Andrea's expertise in building, testing, and refurbishing lights ensures precision, reliability, and a flawless fusion of technical mastery and aesthetic radiance.



**Garry Lane**

**Business Development Manager**

With a hands-on approach and a focus on quality control and leadership, Garry oversees all lighting requests and installation alongside business operations.



# VISION & VALUES

At Parify Lighting, we aspire to be the world leader in innovative lighting solutions that illuminate and enhance the beauty of every space we touch. Our vision is to transform environments with light, creating captivating experiences that inspire and delight.



**Innovation:** We are committed to pushing the boundaries of what's possible in lighting design and technology. Our passion for innovation drives us to continually explore new ideas and develop cutting-edge solutions that set us apart in the industry.



**Integrity:** We conduct our business with honesty, transparency, and respect. Building trust with our clients, partners, and employees is essential to our success, and we are dedicated to maintaining the highest ethical standards.



**Excellence:** Quality is at the heart of everything we do. We strive for excellence in our products, services, and customer interactions, ensuring that we deliver exceptional value and achieve the highest standards in all our endeavors.



**Sustainability:** We are committed to responsible practices that protect our planet for future generations. Our sustainable approach includes using eco-friendly materials, reducing waste, and developing energy-efficient lighting solutions that minimize our environmental impact.

## WHY CHOOSE US ?

1.

**Museum tailored lighting** - Safeguard delicate artefacts and fine art with our **Non-UV lighting**, designed to prevent ultraviolet damage while preserving colours, materials, and historic integrity. With museum-grade precision, they ensure clear illumination without compromising preservation.

2.

Our **Hermetically sealed lighting** protects museum collections by preventing dust, moisture, and pollutants from affecting sensitive artefacts. Designed for long-term durability, it ensures stable conditions that minimise deterioration risks while delivering consistent, high-quality illumination.

3.

With **years of experience in the industry**, our team of skilled lighting professionals has the knowledge and expertise to deliver exceptional lighting solutions. We understand the nuances of lighting design and engineering, ensuring that every project is executed to perfection.

4.

We pride ourselves on the **quality and precision of our lighting systems**. Each product is meticulously crafted to meet the highest standards, ensuring **reliability, durability, and outstanding performance**. Our attention to detail guarantees that your space will be impeccably illuminated.

5.

Every space is unique, and so are our lighting solutions. We take the time to understand your specific needs and vision, offering **customised lighting designs that perfectly align with your goals**. From **jewellers to retail outlets** and **museums**, we tailor our approach to suit your environment.

6.

Our customer-centric approach sets us apart. We believe in building **strong, lasting relationships** with our clients, providing personalised service and support at every stage of the project. From initial consultation to final implementation, we ensure tailored solutions that meet unique requirements.

7.

Our unique and diverse portfolio of successful projects speaks for itself. From high-end stores across the UK and Ireland we have a **proven track record** of delivering exceptional eco-friendly LED lighting solutions that not only **transform spaces but save cost and energy too!**

8.

We stand behind the quality and durability of our products. That's why we offer a comprehensive **3-year warranty** on all our lighting solutions, ensuring your peace of mind and complete satisfaction.

# EDITORIAL

For over two centuries, the core activities of museums—collecting, conserving, researching, and exhibiting—have been fundamental since the European Enlightenment. These pillars continue to define the operations of public museums, galleries, and private collections to this day. Now, with the advancements in high-quality LED lighting, each of these crucial functions can be supported without compromising on visual experience or the preservation of art.

High-quality LED lighting meets the diverse demands of curators, scientists, exhibition designers, restorers, and museum management. It's not just about illuminating the exhibits; it's also about highlighting the architecture and enhancing the visitor experience. LED lighting provides the perfect balance between showcasing art and preserving it for future generations.

## Design Flexibility for Contemporary Showcasing

We recognise the necessity of transforming museum knowledge into diverse and intelligent forms of entertainment, all while maintaining scientific and conservation integrity. By leveraging a versatile lighting infrastructure that incorporates various spotlights, filters, and lens systems, we adapt to changing display methods. This approach continually captivates and engages culturally curious audiences, ensuring their interest is perpetually renewed.

## The Museum, The Building

A thoughtfully crafted and visually impactful lighting design plays a pivotal role in elevating exhibition spaces into distinguished cultural landmarks. It goes beyond simply making art accessible to the public; it also highlights the architecture, from the car park and sculpture garden to the foyer, exhibition store, and café. In addition to the art, effective wayfinding, superior lighting quality, and the right ambiance transform a museum or gallery visit into a memorable experience.

## Effective & Efficient

Our goal is to make a meaningful impact on architecture and society by elevating lighting technology into the realm of culture. Through our lighting solutions, we provide a track modular kit system designed for perception-oriented lighting that aligns with the themes and messages of curators and exhibition designers. By prioritising efficient visual comfort during product development, we ensure that all elements of sustainable museum lighting are addressed, from light quality and visual comfort to cost-efficiency.



**IT'S NOT JUST ABOUT ILLUMINATING THE EXHIBITS; IT'S ALSO ABOUT HIGHLIGHTING THE ARCHITECTURE AND ENHANCING THE VISITOR EXPERIENCE.**



# PRESENTATION FORMS

The rich diversity of art collections is mirrored in the variety of exhibition concepts and lighting techniques employed by museums and galleries. Each art-historical period has its own approach to presentation, and similarly, social preferences evolve in terms of how art is experienced. For example, large, minimalist paintings are best showcased with flat, vertical lighting, while accent lighting is ideal for highlighting small, high-contrast artworks. Beyond illuminating individual pieces, gallery owners and exhibition organisers use lighting as a crucial element in the overall presentation of both the exhibition and the building itself, creating an impactful experience that immerses visitors in both culture and architecture.



## Exhibits in Front of a Neutral Background

Neutral exhibition spaces, often in white, enhance the factual and objective presentation of art. Curators intentionally refrain from highlighting individual pieces, aiming for a cohesive and balanced display. The exhibits and the surrounding space are treated with equal significance, creating a harmonious unity between them.



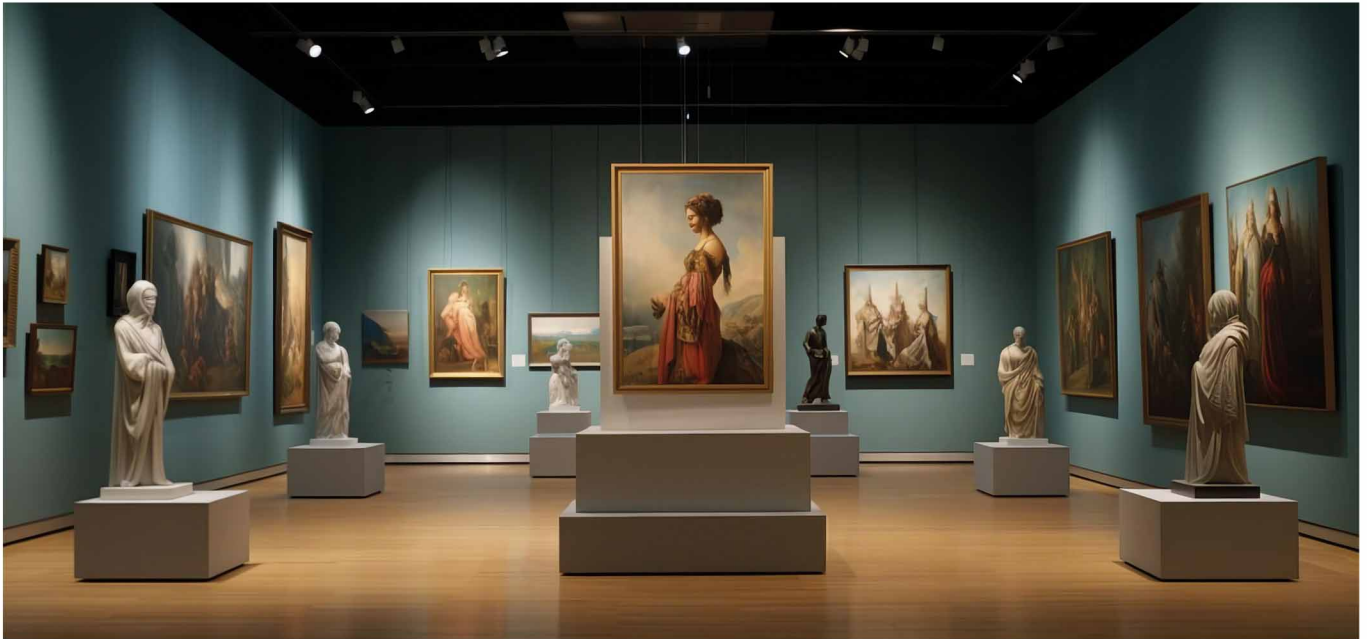
## Differentiated Presentation of Objects in the Space

Visually striking exhibitions elevate the viewing of art into a rich, multi-dimensional experience, where highlighting individual pieces is just one aspect of the lighting design. Equally crucial is using light to convey the atmosphere of the exhibition's theme throughout the space. Varying levels of brightness create perceptual hierarchies between the artworks and their surrounding environment. Additionally, diverse colour temperatures help define contrasting zones, enhancing the emotional impact of the overall experience.

# PRESENTATION FORMS

## Enhancing Art with Accenting

Accenting draws attention to artworks in an exhibition, whether subtly or boldly. Colored walls, reminiscent of historic rooms, provide discreet contrasts between the artwork and its backdrop. Brightness contrasts are intensified through accent lighting. Sharp light beams bestow an individualist aura on each exhibit. The directed light brings surfaces to life with brilliance, creating a dramatic interplay of light and shadow on sculptures.



## Achieving Lighting Excellence

Experience indicates that lighting concepts are most successful when general lighting, directed accent light, and decorative light are combined in a harmonious balance. Our luminaire system, featuring diverse light distributions, colour temperatures, construction sizes, and lumen packages, is ideally suited for implementing nuanced exhibition concepts.





# ELEVATING ART

Displaying art requires careful consideration of light qualities. Every exhibition thus poses the question of which lighting tools are best suited for the task. Successful exhibition concepts depend not only on product quality but also on our comprehensive services, from concept support to on-time delivery, commissioning, and illuminating the exhibition. Flexibility in lighting installation is crucial for curators, allowing for quick adjustments before the opening. Visitors appreciate the visual comfort provided by uniform vertical lighting and glare-free light. From the exhibition organiser's perspective, lighting transcends mere visibility of artworks; it becomes a crucial medium for showcasing culture. Five parameters guide the identification of the right lighting solutions for art, from small regional galleries to large international museum projects.

## Guiding and Orienting with Light

Light plays a pivotal role in directing visitors into a museum and navigating them through exhibitions. Establishing effective perception hierarchies involves using brightly lit vertical surfaces along central visual axes and varying lighting levels.

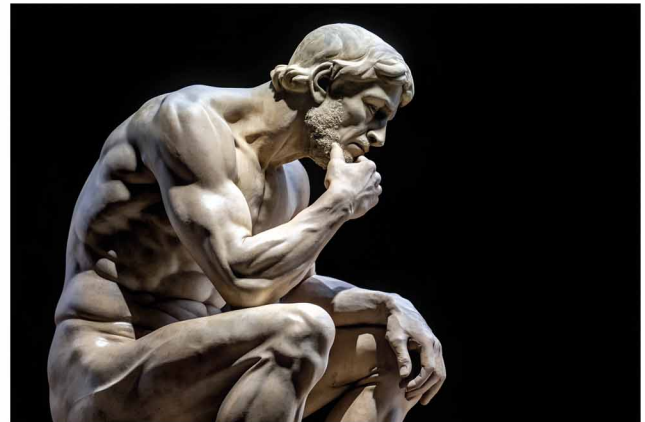
## Showcasing Artworks

Exhibitions feature objects of varying sizes, formats, and materials, necessitating a diverse array of flexible lighting tools. Parify Lighting offers an ideal infrastructure with several spotlight families and tracks, adaptable to the architecture of both small galleries and major museums. Our high-performance lighting tools range from narrow light beams and brilliant accenting with floodlights to wall washers. Contour spotlights add a magical touch, completing the spectrum for art presentation.



## Atmospheric Creation

A curator's key responsibilities include optimally showcasing an art collection's treasures and creating an inviting ambience for visitors. Spotlights can dramatically accentuate large sculptures with striking plays of light and shadow. Diverse light colours allow various materials to be displayed with subtle nuances.



## Art Conservation

Careful handling of valuable, light-sensitive exhibits is integral to a conservator's work. Our innovative lighting tools, high-quality LEDs, and in-house developed lighting and control technology meet the stringent requirements of conservators while providing visitors with an appealing atmosphere.

## Perfecting Illuminary Comfort

The quality of an exhibition experience hinges not only on the method of light display but also on the visual comfort of the lighting. Shielded light surfaces minimise direct glare, while accessories such as glare protection frames enhance the already high visual comfort of our luminaires.



# LIGHT FUNCTION

## Meeting Diverse Museum Lighting Requirements

Museum lighting must meet a multitude of requirements. Designers face the challenge of integrating conservation specifications, economic goals, organisational conditions, and aesthetic aspects into a cohesive lighting concept. This task extends beyond typical exhibition spaces, starting with access areas, facades, and outdoor exhibits, and continuing through the foyer, café, shop, and the museum visit itself. A theoretical model of lighting functions aids in evaluating lighting quality, not just by quantitative measures like illuminance. It shifts the focus from static room structure to the spatial situation, encompassing the interior, facade, and exterior installations.

## Zoning for Purposeful Spaces

This form of zoning helps identify individual tasks, such as whether a room should welcome, invite discovery, protect culture, entertain, or provide a place to stay and browse. The model allows designers to flexibly respond to a wide range of curatorial concepts and architectural scenarios, modularly grouping and scaling lighting tasks as needed.

## Key Questions for Lighting Designers

At the outset of each lighting project, lighting designers should consider the following three questions for each functional area:

1. What is the cultural, architectural, or functional significance of the room or spatial zone?
2. How can lighting enhance the display of cultural assets in a museum?
3. What lighting strategy and methods are best suited for the lighting design?

## Facades and Outdoor Exhibits

Facades and outdoor exhibits represent the museum, establishing its importance within the cultural landscape. Light transforms the museum into an urban landmark with an inviting presence—foreground accents guide from a distance, while a bright entrance area directs the path and facade illumination sets the backdrop.

- Accent lighting creates captivating points of interest, highlighting the building's significance even from afar.
- Vertical lighting lends prestigious illumination, emphasising the dimensions of the entrance and structure.

## Experience

Light makes art perceivable for visitors, showcasing exhibits and rooms, guiding the observer's gaze, and adding drama to an exhibition by highlighting significant works. Brilliant light and excellent colour rendering are essential for viewing details.

- Accent lighting establishes perception hierarchies with high brilliance, supporting detailed craftsmanship.
- Authentic and nuanced colour rendering is achieved through a balanced spectrum and appropriate colour temperature selection.





# LIGHT FUNCTION

## Conserving Art

Presenting art to a broad audience while protecting light-sensitive exhibits poses significant challenges for designers. LED technology and appropriate lighting strategies ensure visitors have an impressive art experience, despite high conservation demands.

- High-quality LEDs provide lighting without harmful spectral components in the UV and IR ranges. Acceptable illuminance levels can be individually adjusted using dimmers, such as potentiometer dimmers on spotlights. Unlike halogen lamps, LEDs maintain consistent light quality.
- Precise lighting tools and a perception-oriented lighting concept are essential for illuminating exhibitions with conservation requirements.



## Discovering

A multifunctional lighting infrastructure is essential for accommodating various media, changing exhibitions, and event usage in museums. The modern transfer of knowledge, coupled with innovative lighting concepts, allows exhibition organisers to establish themselves as a prominent cultural brand.

- Track lighting offers the perfect infrastructure for evolving lighting needs. Track-mounted spotlights can be repositioned and aligned without tools.
- Interchangeable light distributions allow a luminaire to serve multiple purposes, such as precise accent lighting, general lighting, or uniform wall washing.



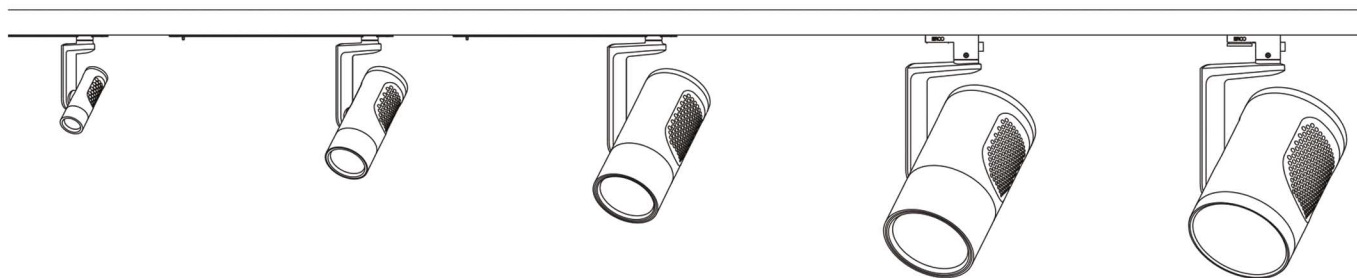
## Marketing

Museum shops and cafés are crucial sources of income and play a significant role in establishing the cultural institution's brand. As in exhibition rooms, light is essential for the appealing display of merchandise and for creating a relaxed atmosphere. Optimal lighting is achieved through a combination of wall washing and accent lighting.

- Accent lighting creates contrasts, enhancing the presentation of illustrated books, retail merchandise, and café tables.
- Vertical lighting offers a deep and pleasant spatial impression, ideal for uniformly illuminating shelving and posters in the retail area.



# TRACK LIGHTING



## Distance Controlled Illumination

Display cases and small rooms with low lighting levels require minimal luminous flux, while high foyers with intensive accent lighting demand high lumen output.

**Track Zoom** is available in various wattages and CCT, catering to different luminous flux requirements.

For short-distance lighting situations, the Track Zoom with a diameter of only 90 mm is the perfect tool.

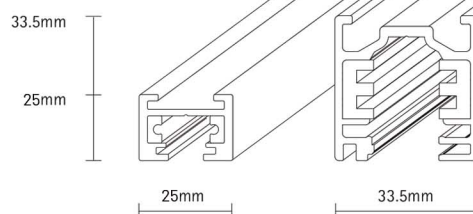
The luminaire is available in fixed colours (2700K-5700K), and colour adjustable (2700K-5700K), via Zigbee, allowing you to customise the light colour to suit your display.

Another notable feature is the adjustable beam angle, variable between 10 and 60 degrees. It comes as a complete 3-Phase unit, enabling individual control and separate on/off switching when connected to an existing track rail.



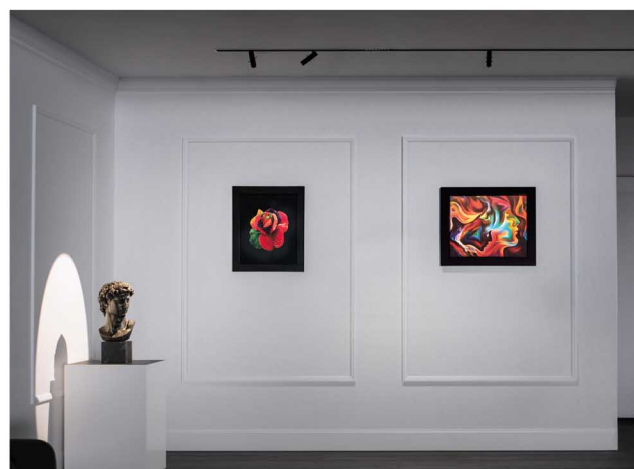
## How Small Can Tracks Be?

Our mini surface-mounted track rail is only 14x10mm, and the mini spotlights measure from just 23x39mm. These mini-lights are perfectly suited for smaller scale items highlighting key pieces for in-cabinet displays.



## Responding To Short Notice Changes

Our Track Lighting system offers 11 light distributions that can be interchanged without tools, allowing beam characteristics to be modified at any time. Transitioning from uniform wall washing to dramatic accent lighting is quick and effortless.



## Magical Presentation of Art

How can works of art be presented with a touch of magic? Track lighting, in particular projector lights can create fascinating effects, making crisply illuminated pictures appear to shine from within. If the format of the pictures changes, the beam of light can be precisely adjusted to the artwork by simply extending or retracting the framing attachment. Additionally, the entire luminaire head can be rotated for optimal positioning.



# TRACK LIGHTING

## Light Control Flexibility - Three Modes, One Solution

Experience seamless lighting control with our Zigbee control system, offering three versatile control modes:

1. **Brightness Control:** Adjust brightness seamlessly from 100% to 1%. Whether you need full illumination for focus or a subtle glow for ambiance, our track lighting offers smooth dimming to match any mood or task.

2. **Colour Control:** Choose between fixed colour lighting or variable adjustments ranging from 2700K to 5700K, effortlessly shifting from warm ambient tones to crisp daylight hues.

3. **Smart Integration:** The Zigbee wireless standard allows easy integration into your building enabling automatic dimming and scheduling.



### Art as the Focus

For the best results, choose discreet fittings that highlight your artwork, bringing it to life while keeping the light source hidden from view. Consider viewing angles to minimise glare and ensure visual comfort.



### Light Output Flexibility

• 2700K to 5700K CCT and up to CRI97 are all part of our standard offering.

### Quality of Light Matters

Colour Rendition Index (CRI) - Lighting Art and Sculpture with Precision

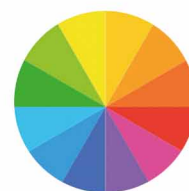
CRI is the critical measurement of a light source's ability to represent colours as they are meant to be seen. The closer these figures are to 100, the more accurately they will display colours—essential for illuminating artwork. Poor colour rendering can leave your artwork looking flat and lifeless. CRI assesses 15 colours, so a higher CRI is preferable.



CRI: 60-70  
Fair

CRI: 80-70  
Better

CRI: 100-90  
Best



# TRACK LIGHTING



## Optimal Lighting for Art Displays

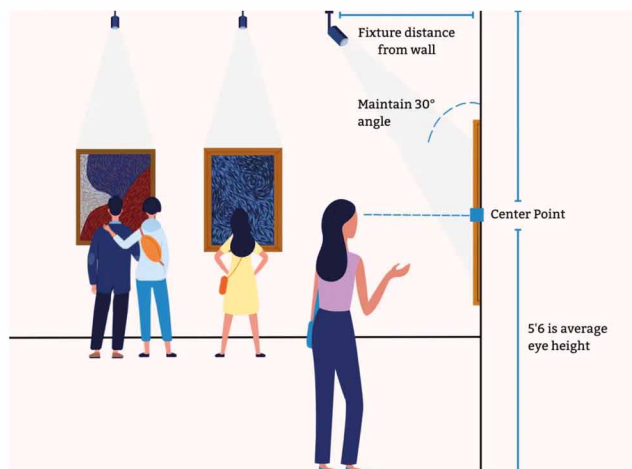
To achieve the perfect display for your artwork, choose lighting with a colour temperature that complements the piece. Ensuring consistency in colour temperature across all fixtures helps maintain uniformity in the gallery space.

## Colour-Tunable Lighting

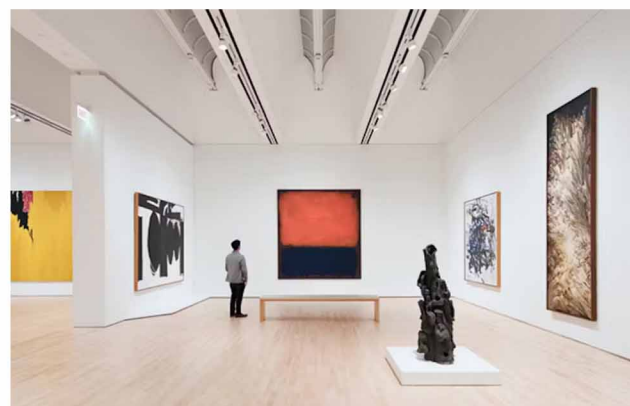
This advanced lighting technology allows you to adjust both the colour temperature and intensity of light. By combining LEDs of different colour temperatures, colour-tunable lighting provides flexibility and control. This is ideal for installations where the space owner wants to tailor the lighting for specific pieces or artists, enhancing the depth and impact of the display.

## Enhanced Viewing Experience

The ability to alter the hue and brightness of lighting ensures that patrons see the artwork as the artist intended, creating a more immersive and impactful viewing experience.



Warm colour temperatures (around 2700K) can visibly enhance traditional art.



Cooler temperatures (around 4000K) are more suitable for contemporary works. Our CCT adjustable lighting means that you can tweak the luminance to suit the artwork or sculpture.

## Directional Lights

Utilise track lighting and adjustable recessed lighting for maximum flexibility in directing light to desired art pieces. This approach ensures each artwork is showcased with the perfect illumination, enhancing its visual impact.



# TRACK LIGHTING



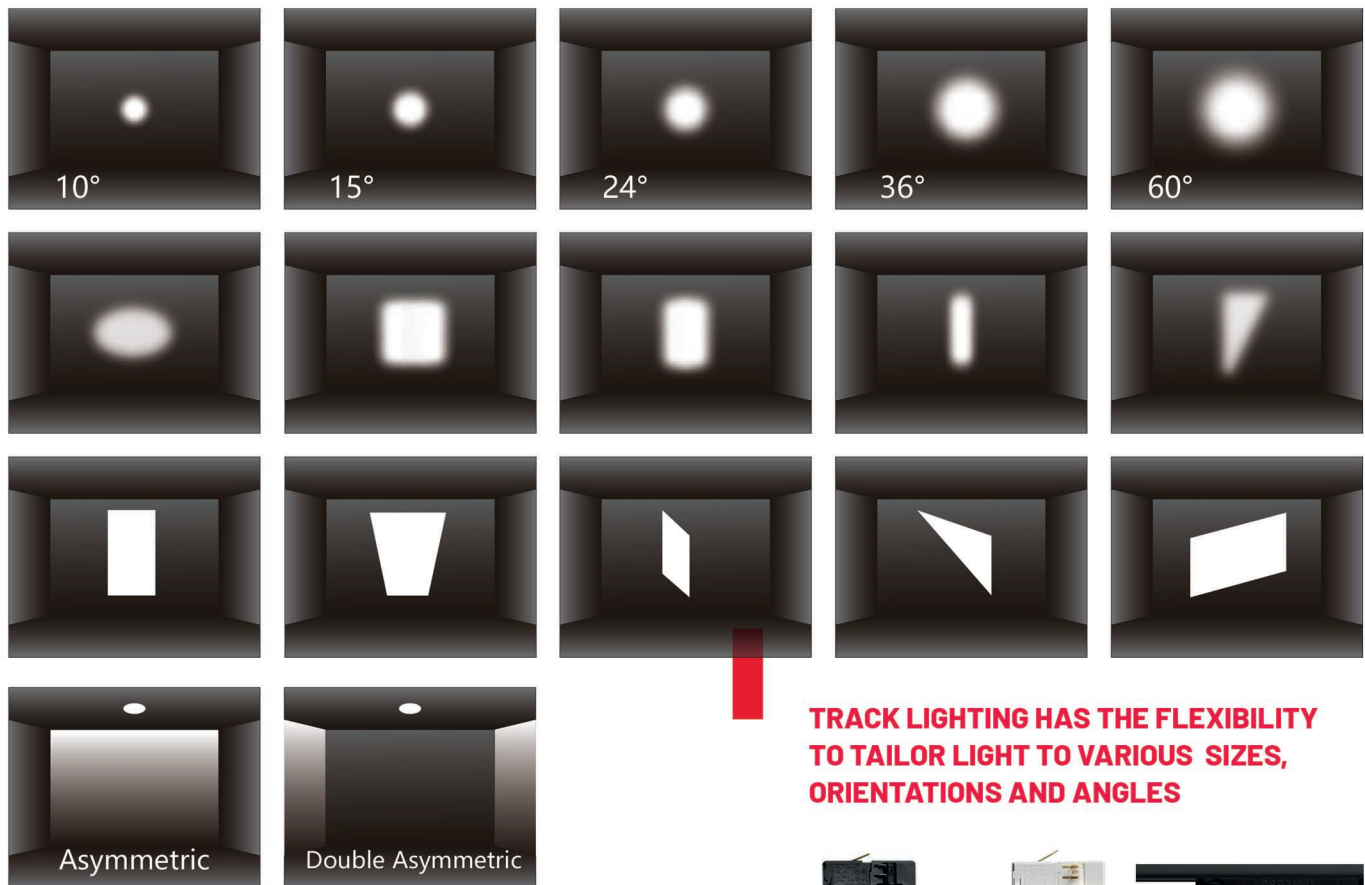
## **Advanced Museum Lighting**

Museum lighting demands tools that provide lighting designers with a wide array of design options, adaptable to diverse applications. Parify Lighting has developed a modular system of spotlights that consistently meet all requirements for art illumination in museums, from sharp-edged accentuation to uniform wall washing. State-of-the-art connectivity solutions, such as Philips Hue, simplify light control for designers like never before.

For more information, visit

<https://parifylighting.co.uk/lighting/track-lights/>

# TRACK LIGHTING



**TRACK LIGHTING HAS THE FLEXIBILITY TO TAILOR LIGHT TO VARIOUS SIZES, ORIENTATIONS AND ANGLES**



Achieving the perfect illumination for art requires careful consideration of size, orientation, and angle. Our tailored lighting solutions ensure that each piece is displayed in its best light, enhancing its beauty and impact.

**Size-Specific Lighting:** Whether your artwork is a grand mural or a delicate miniature, we offer lighting options that cater to different sizes. Larger pieces benefit from multiple light sources to create uniform illumination, while smaller works require focused lighting to highlight their details.

**Orientation Optimisation:** The orientation of your artwork—portrait, landscape, or irregular shapes—plays a crucial role in lighting. Our experts provide customised solutions that align with the artwork's orientation, ensuring even light distribution and minimising shadows.

## **Flexible Control**

Our lighting distribution solutions offer a range of optional angles to meet diverse lighting requirements, ensuring optimal coverage and performance:

**Wide Beam Angle:** Ideal for general lighting applications, our wide beam angle options provide broad light distribution, making them perfect for large open spaces such as offices, retail stores, and warehouses.

**Narrow Beam Angle:** For focused lighting needs, our narrow beam angle options are designed to direct light precisely where it's needed. These are perfect for accent lighting, highlighting specific areas or objects, and creating dramatic effects.

**Adjustable Beam Angle:** Flexibility at its finest—our adjustable beam angle options allow you to customise the light distribution to suit various tasks and settings. Easily switch between wide and narrow beams to adapt to changing needs and preferences.



# MOTORISED TRACK LIGHTING

## Illuminate with Precision: Motorised Track Lighting

Enhance your exhibition spaces with our state-of-the-art Motorised Track Lighting System. Our LED motorised track lighting systems offer unparalleled versatility, allowing you to direct light exactly where it's needed with ease. Designed to deliver exceptional control, flexibility, and energy efficiency, our lighting system is the perfect solution for art galleries and museums. Highlight your masterpieces with unparalleled precision and style.

### Features Include:

**Precision Lighting:** Direct light exactly where it's needed to enhance the visual impact of your exhibits.

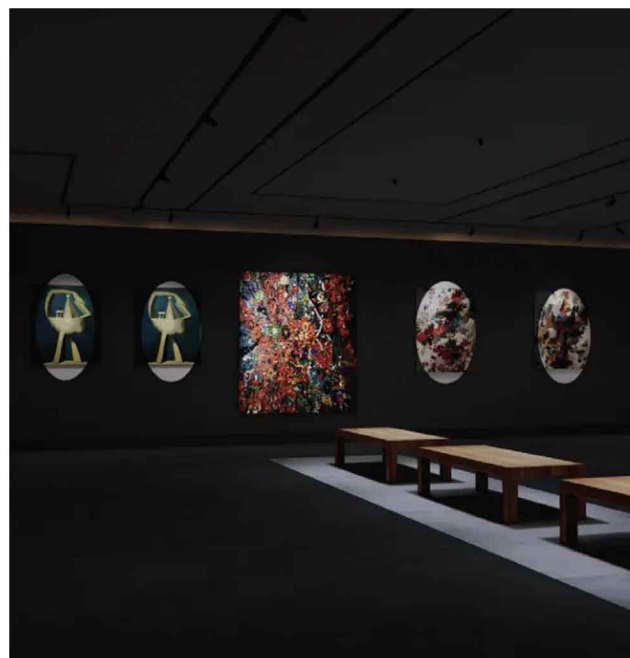
**Dynamic Displays:** Create versatile lighting scenes to complement changing exhibitions and installations, providing a fresh experience for visitors.

**Remote Control:** Effortlessly adjust your lighting with intuitive remote controls.

**Adjustable Brightness:** Achieve the perfect lighting atmosphere with dimmable LED options.

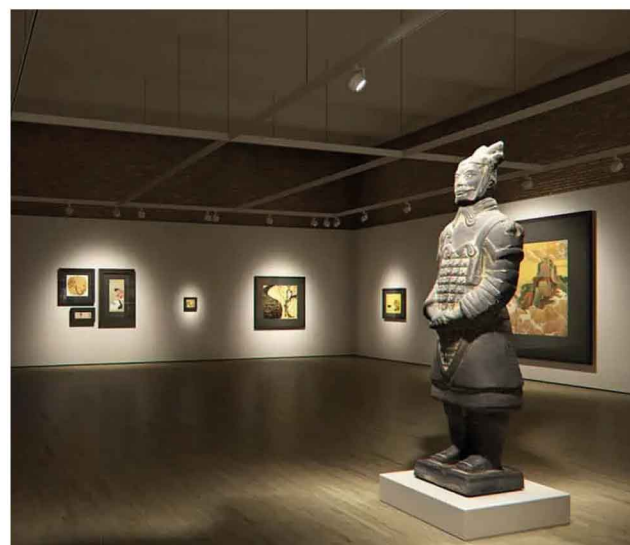
**Energy Efficient:** Save on energy costs while enjoying long-lasting, high-quality illumination.

**Remote Control:** Effortlessly adjust your lighting with intuitive remote controls.



### Light Projection Adjusted To Art Framework

Our motorised track lighting system allows you to adjust the direction and intensity of each light with ease. Whether you need to accentuate a specific artwork or create a dynamic lighting experience, our system provides the ultimate flexibility to meet your unique requirements.



Transform your art gallery or museum with our advanced motorised track lighting system. Elevate your exhibits, create dynamic lighting experiences, and provide your visitors with an unforgettable visual journey.

# HERMETICALLY SEALED LIGHTING

## Preserve and Illuminate: Hermetically Sealed Lights for Museums and Art Galleries

Protect and showcase your valuable artifacts and artworks with our Hermetically Sealed Lighting. Designed to provide both exceptional illumination and airtight protection, our lighting solution ensures the preservation of your exhibits while enhancing their visual appeal.

**Ultimate Protection for Your Priceless Exhibits**  
Our hermetically sealed lights are engineered to safeguard your artifacts from environmental factors that can cause damage over time.

**Airtight Sealing:** Prevents the ingress of dust, humidity, and pollutants, ensuring your exhibits remain in pristine condition.

**UV Protection:** Filters harmful ultraviolet rays that can cause fading and deterioration, preserving the integrity of your artworks.

**Heat Management:** Designed to minimise heat emissions, protecting sensitive materials from thermal damage.





# IN-CABINET LIGHTING

## Illuminate Artifacts with Precision: In-Cabinet Lighting for Museum and Gallery Showcases

Showcase your treasured artifacts and artworks in the best light possible with our In-Cabinet Lighting System. Designed to provide precision illumination, our lighting system ensures every piece is beautifully and evenly lit, enhancing the viewer's experience and preserving the integrity of your exhibits.

### Highlight Your Masterpieces

Our in-cabinet lighting system is engineered to accentuate the finest details of your exhibits, bringing out the true beauty and craftsmanship of each piece.

**Precision Illumination:** Focus light exactly where it's needed to highlight intricate details and textures of artifacts and artworks.

### Easy Installation and Maintenance

Designed for simplicity, our in-cabinet lighting system ensures a hassle-free installation and minimal maintenance, allowing you to focus on creating captivating exhibits.

**Low Maintenance:** High-quality materials and construction guarantee long-lasting performance with minimal upkeep required.

### Stalk Lighting

Single stand mounting, free height adjusting, rotation 355° and tilt 135°, multi-beam angle lighting distribution. Our stalks are well-designed for individual cabinet lighting space



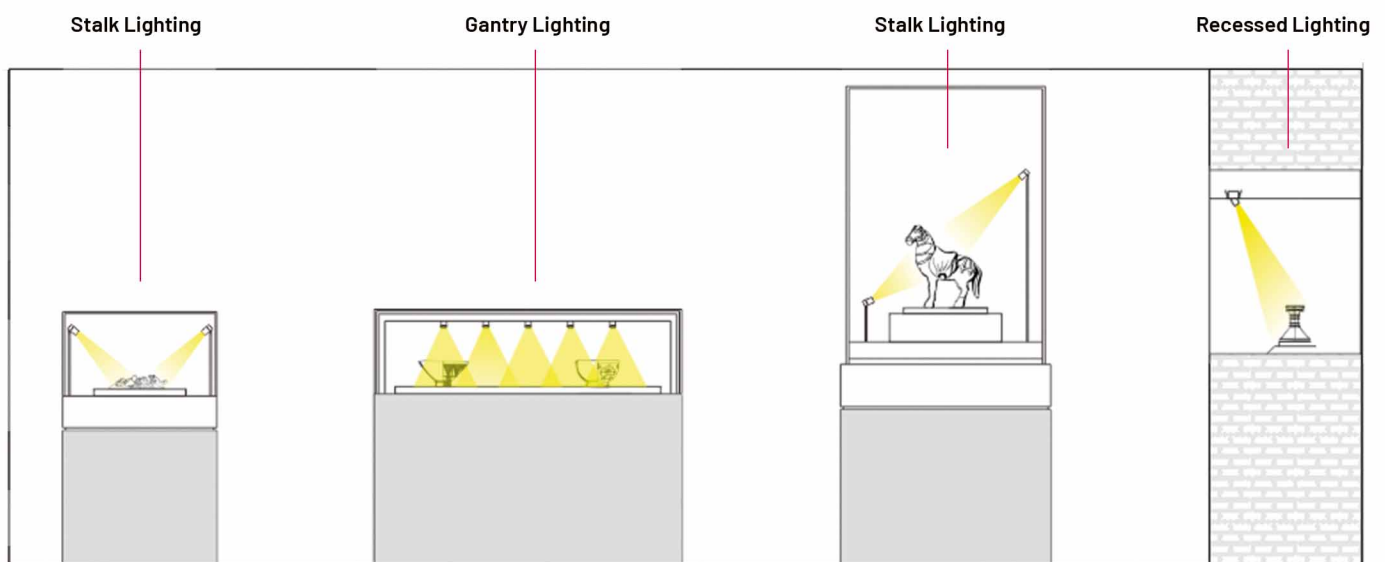
### Gantry Lighting

Designed to integrate seamlessly with solid soffits, gantry lighting provides a clean, professional look by concealing the light source while delivering powerful, even illumination.

### Gantry Mount Lighting

Our in-cabinet lighting system is engineered to accentuate the finest details of your exhibits, bringing out the true beauty and craftsmanship of each piece.

Enhance the beauty and preservation of your museum or gallery exhibits with our in-cabinet lighting system. Illuminate your artifacts with precision and style, creating a memorable experience for all visitors.





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[www.parifylighting.co.uk](http://www.parifylighting.co.uk)

Explore Our Latest News Across All Our Divisions

[www.parifygroup.co.uk](http://www.parifygroup.co.uk)

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