

GAMMA[®]
ILLUMINATION

Our Inspiration

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THE SPARK BEHIND GAMMA

DESIGN AND MANUFACTURING

Gamma Illumination is a UK designer and manufacturer of low energy lighting solutions. Our team of passionate designers and engineers draws inspiration from the latest technologies, materials and trends. The manufacturing team pays particular attention to detail and quality in order to meet our high standards of excellence. Deeply rooted in Gamma's ethos is the fusion of good quality and good value without compromise.



TECHNOLOGY AND TESTING

In our pursuit of excellence, each of our products goes through rigorous in-house testing processes, including electromagnetic compatibility, electrical, thermal data validation and photometry, in state-of-the-art testing laboratories. Our close relationships with suppliers allow us to adopt the latest lighting technologies quickly, which in turn helps our clients benefit from ongoing industry improvements.



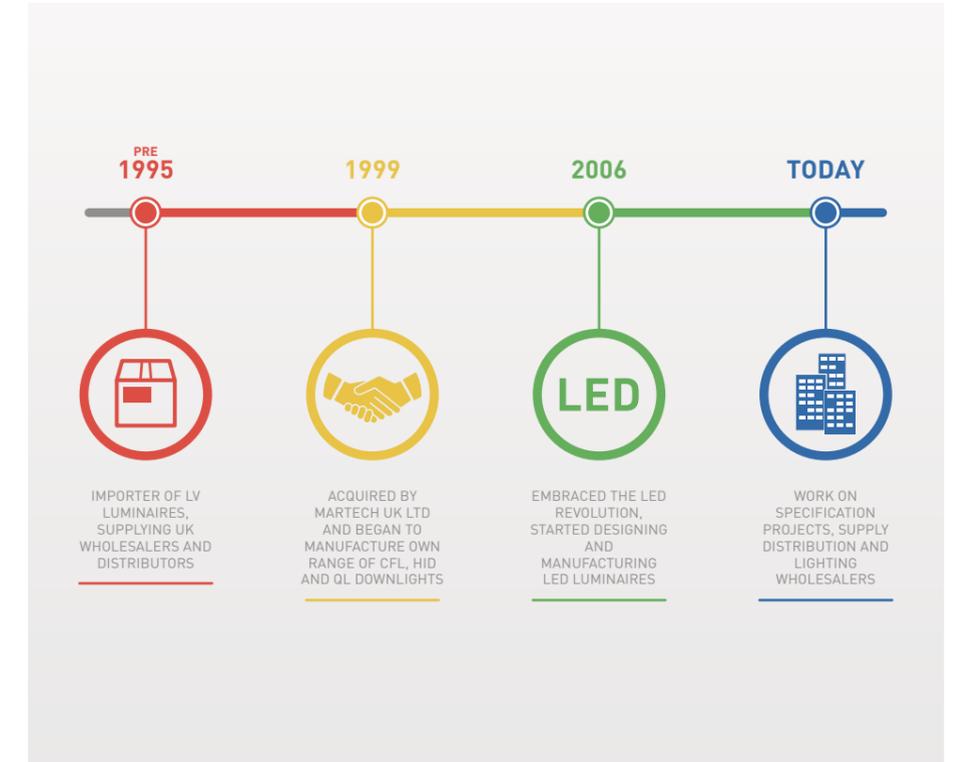
FLEXIBILITY

Our company-wide flexible approach ensures that we are highly adaptable to your requirements. We listen, learn and understand your vision to help deliver standard and bespoke products that help you achieve the aspirations for the project.



OUR STORY

With a company history spanning more than 20 years, Gamma has a wealth of experience working with many well-known retail brands, as well as private and public sector organisations. Over this time much has changed, yet one constant remains, our passion and love for creating high quality, good value lighting solutions that incorporate the latest technologies.



“We are a proud team of product engineers with a respect for great lighting design and a will to create the perfect application on time and to budget.”

Cate Hickling - Sales Director

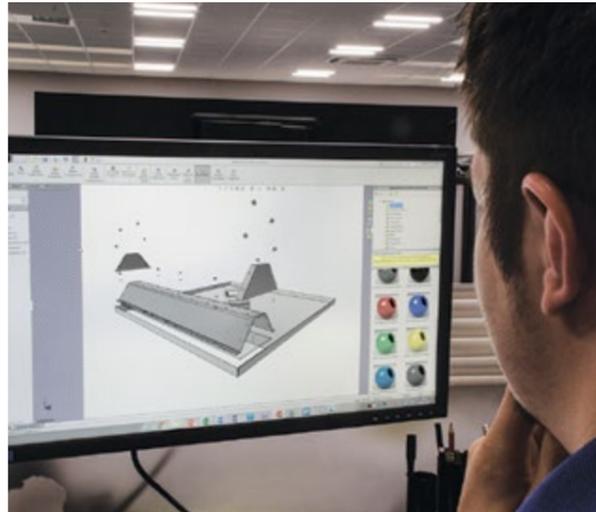
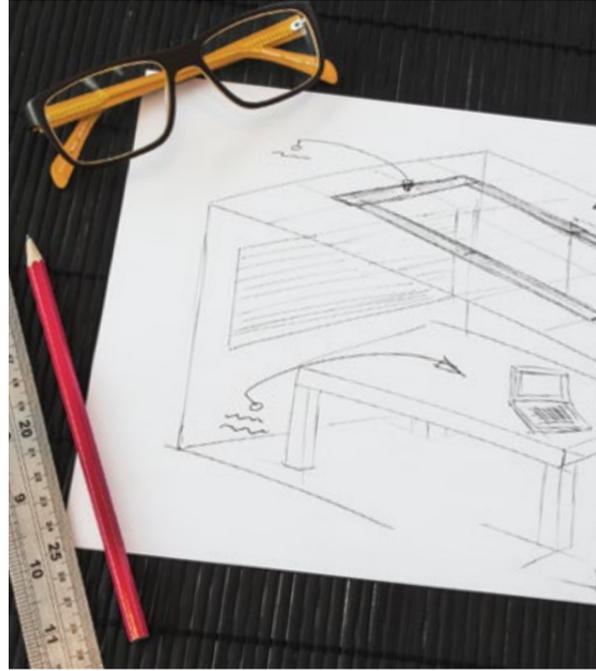


BESPOKE LUMINAIRES

At Gamma we understand the importance of creating experiences and enhancing the built environment. To do this, our clients often require something unique that addresses a specific problem or coordinates with the interior design.

We know that understanding the projects' priorities and aspiration is the key to success. Using your brief as our guide, the bespoke journey can involve concept sketches, CAD modelling, 3D models and samples for trial areas before manufacturing commences.

Our creative and experienced product engineers possess the expertise to fulfil your requirements, whilst our operational and production teams allow us to consistently turn orders around quickly.



CATALOGUE PRODUCTS

We have designed and developed a wide range of catalogue products that we truly believe in. All of our luminaires are manufactured to order and to aid speed of delivery we hold over £3 million of component stock for our top 150 items, ensuring an average production time of three to five days.

Downlights have been our core business since day one and we offer many variants and options to suit all applications. More recently, we've responded to the development of LED's and the changing fashion of various sectors, resulting in our product portfolio evolving to provide a more diverse range and feature a perfect balance of aesthetics, form and function.

PRODUCT PORTFOLIO



Scan the QR code to request your copy or email sales@gamma-uk.com



PRODUCT MODIFICATIONS

Flexibility is Gamma's unique selling point. We understand that one size doesn't fit all and know the importance of adapting our catalogue products to suit your specific requirements, for example:

- Specific connection systems for ease of installation
- Halo plates to disguise an existing cut-out
- Bespoke finishes to suit the interior design
- Tailored lumen outputs for specific lux levels
- Specialist heatsinks for high ambient temperatures
- Tailored box labels to assist with delivery and location



“Gamma’s flexible approach has allowed us to create the perfect product for our application with the LED technology inside tuned to our specific needs.”

Martin Kilburn - large healthcare provider



QUALITY OF LIGHT

Designing a great space relies on great lighting. The interior design, furniture and fixtures will have been carefully selected for their superior quality and appearance. However, without the right lighting that brings the colours, textures and finishes to life, the true aspirations can't be fully achieved.

Many LED manufacturers have tuned their technologies to suit a specific application or excel in a particular line of quality:

- Correlated colour temperature
- Colour rendering
- Colour consistency
- Flicker frequency
- Life and lumen maintenance
- Efficacy and price

We believe that all these offerings should be available to our customers; therefore our products are designed to incorporate different modules for different needs. We aim to offer products that can address all the crucial elements of your lighting design.

COLOUR CONSISTENCY



MacAdam ellipses demo



LIGHTING FOR BEAUTY

Finding the right light source that is both accurate and flattering to skin tones is a challenge. Our TTX downlight features the beauty series of modules from Xicato which uses corrected cold phosphor technology to deliver extraordinary clarity and a warm flattering ambience, ideal for cosmetic concessions and environments that focus on people.



LIGHTING FOR FRESH FOOD

Lighting fresh food can be complex due to the different requirements of each food type. A high colour rendering with warm tones is used for bread and meat, or high colour rendering and cold tones would be used to display fresh fish. We understand the importance of high Ra and colour temperature and have included various options on many of our luminaires.



LIGHTING FOR FASHION

We understand that lighting for fashion is a multi-step process and have designed a portfolio of products for retail environments. Displays need to be enticing with crisp whites, vibrant colours and definition of texture, whilst the fitting room environment is where the ultimate decision to purchase is made and where the subject, as well as the items, need to look and feel great.



CONTROLLING LIGHT

As a luminaire manufacturer we understand how important it is to control light effectively. Firstly, from the point of view of the light that is emitted from a luminaire, glare, distribution, intensity and direction are key considerations in our new product design process. From a user's point of view, the ability to control light to create ambience, reduce energy, prolong life and reduce maintenance costs are all must-have options throughout our product portfolio.

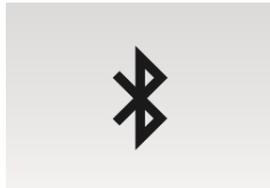
Today we see lighting controls becoming far more sophisticated. The introduction of new technologies such as wireless systems, kinetic switches and Bluetooth dimming can all achieve great energy and installation cost savings, while smart devices and apps are constantly improving the human interaction experience.

We work very closely with all technology providers and pride ourselves on having the expertise to understand, the equipment to test and the capability to incorporate these integrated technologies into our products quickly and make them readily available.

TECHNOLOGIES



WIRELESS

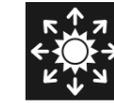


BLUETOOTH



SENSORS

The use of sensors to reduce energy, prolong life and reduce costs has always been a priority for our customers. We have a wealth of knowledge when it comes to incorporating daylight harvesting, occupancy, presence and corridor sensors. We are also excited and heavily involved in incorporating the next generation of smart, wireless and Bluetooth lighting sensors which enables the collection of data including, footfall, temperature changes and usage patterns.



LIGHT DISTRIBUTION

LEDs are a point light source and need to be controlled in order to direct the light where it is needed. We control the distribution with a choice of reflector finishes and beam angles, we control glare with diffusers, baffles and lenses. We also have a wide range of decorative accessories to uplift any application.



DIMMING

There are a number of benefits to dimming luminaires. It can create a pleasant atmosphere and enhance the user experience, reduce energy consumption and extend the life of the LEDs. At Gamma we ensure the majority of our luminaires offer dimming via DALI, DSI or SwitchDIM, providing great flexibility for your lighting schemes.



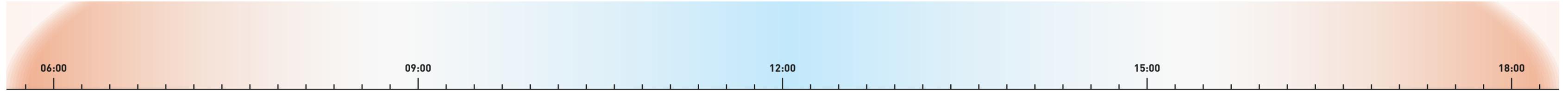
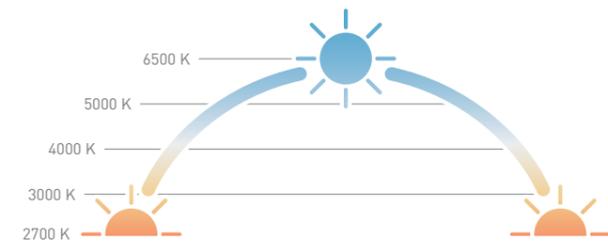
HUMAN CENTRIC LIGHTING

Human Centric Lighting is reported to be one of today's fastest growing trends in the lighting industry.

HCL is all about illumination that puts people and their wellbeing first and is the next step after ensuring the amount of illumination, glare levels and colour temperature are correct. Human Centric Lighting has the ability to automatically simulate the colour temperature and intensity changes in natural daylight. This has a positive influence on our circadian rhythm, which governs our mental, physical and biological states, helping to contribute to the wellbeing of the users within a space.

We have worked closely with a number of valued suppliers to understand HCL and developed a range of colour changing products that, when integrated into an HCL scheme, can have a profound impact on performance and relaxation. HCL is also credited with having a positive effect on sleep-wake cycles which can improve patient wellbeing and promote recovery. This can also help to increase levels of attention and concentration, improve productivity and reduce errors and mistakes.

NATURAL DAYLIGHT CYCLE



HCL IN OFFICES



HCL IN EDUCATION



HCL IN HEALTHCARE



THE INTERNET OF THINGS

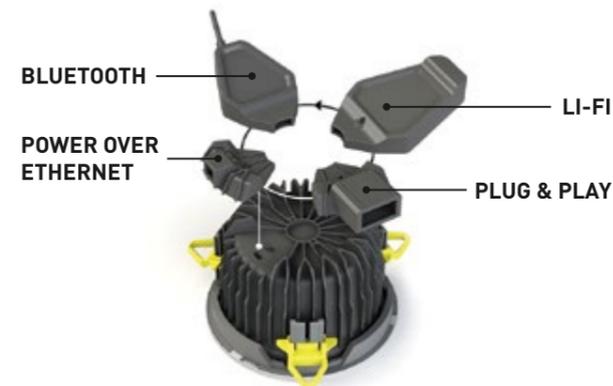
The Internet of Things is predicted to be the next big thing within the lighting industry.

IoT relates to the networking of physical objects in order to enable communication between them, connectivity to the Internet and the transfer of collected data, essentially making otherwise dumb objects smart. Lighting is ubiquitous - it's in every room in every building - and is expected to be the leading facilitator in the future of IoT adoption.

Connecting lighting to the internet will allow luminaires to be controlled from anywhere in the world. It will provide access to energy and performance reports as well as the data collected from associated sensors. IoT lighting will also allow connection and communication with other IoT items such as HVAC, fire alarms and security systems.

The future of IoT lighting is very exciting and is a number one priority here at Gamma. We are already working with suppliers and organisations, both inside and outside of the industry, to design and develop IoT-ready luminaires.

TECHNOLOGY OF TOMORROW



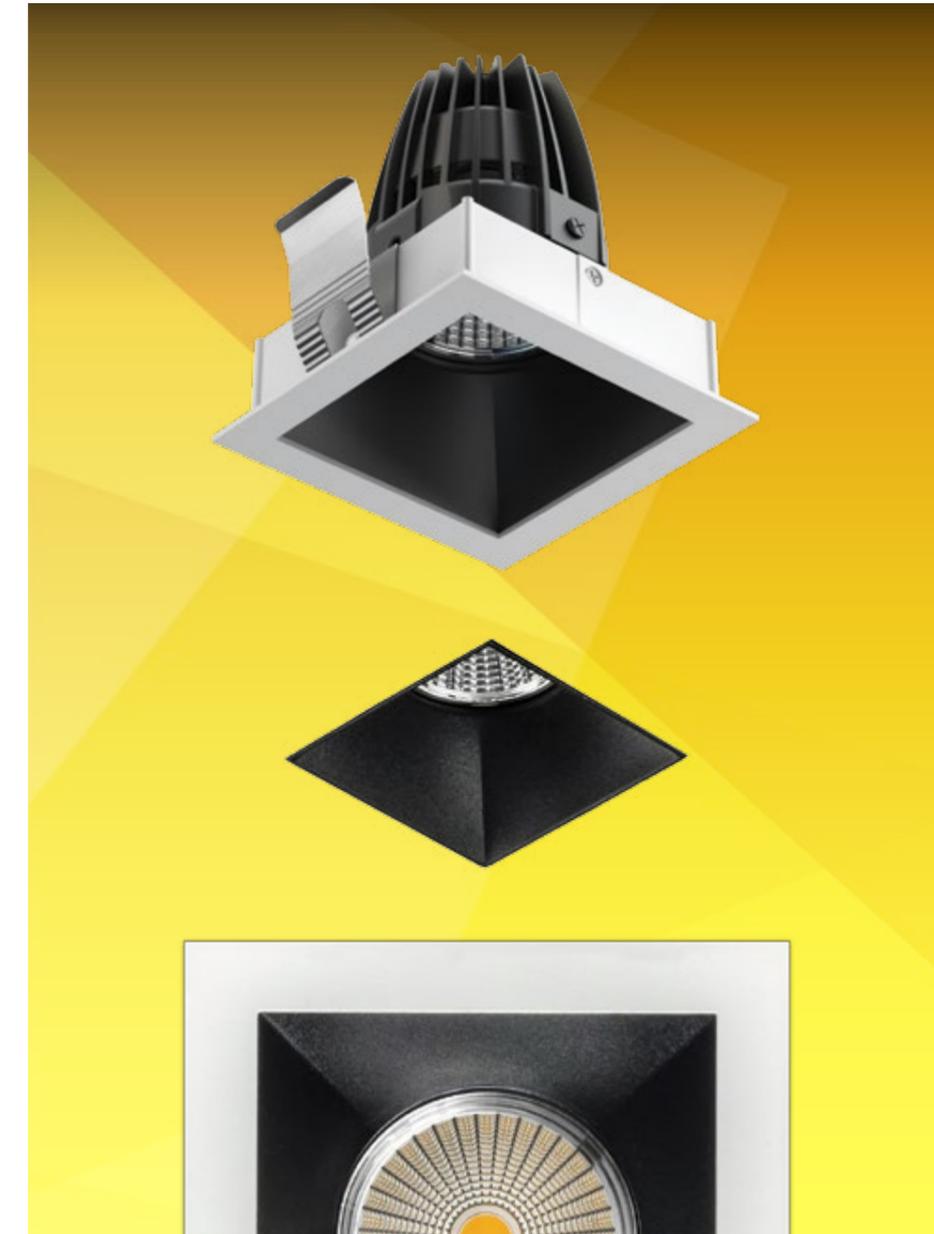
“Gamma’s product quality and speed of manufacture have made them one of our top suppliers every year for the past 15 years.”

Mark Pears - MD of LiteTask & LiteIdeas



TOPAZ DOWNLIGHTS

At Gamma, the Topaz name has been synonymous with quality. This evolution of our very popular CFL downlight, which reflects the original design brief of being a high-end architectural luminaire, incorporates all the life and energy benefits of the latest LED technology. It offers an extensive range of discreet, low glare variants which are ideal for accent and ambient lighting in hospitality, leisure and high-end residential applications.



REFLECTOR FAMILIES

At Gamma we understand that each project can consist of multiple areas that don't always allow for the same luminaire to be used across the entire space. This is why we have developed the visually appealing multi-faceted reflector which is featured throughout our product portfolio in order to provide a solution for each application.

The multi-faceted reflectors bring a family feel and coordinated illumination to your projects, whilst the products in the range provide ideal solutions for retail and display, hospitality and leisure as well as a variety of commercial environments.

Aesthetics is not their only quality. Each luminaire features a highly efficient, in-house designed heatsink for long life, premium LED modules from Philips, Tridonic or Xicato for excellent light quality and an extensive range of interchangeable bezel and accessory options to tailor the luminaire to its surroundings. Reflector families are also available in satin and specular.

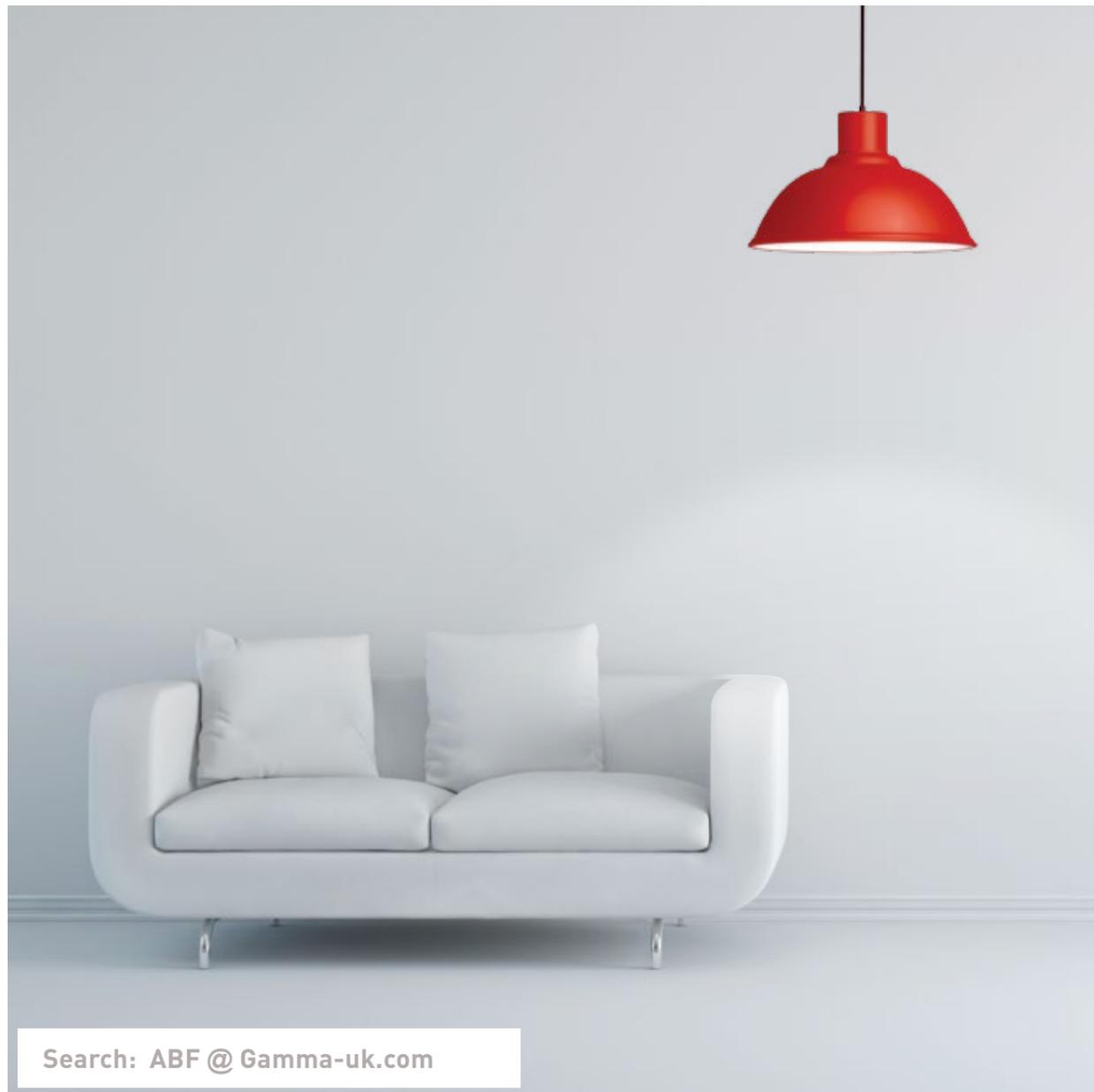


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CONCEAL & REVEAL PENDANTS

In the search for range evolution, we have given a modern twist to these traditional luminaires and incorporated all the benefits of the latest technology. Designer-led, with the modern interior in mind, they are ideal for retail, hospitality and leisure applications and feature the latest LED technology from Philips or Tridonic.

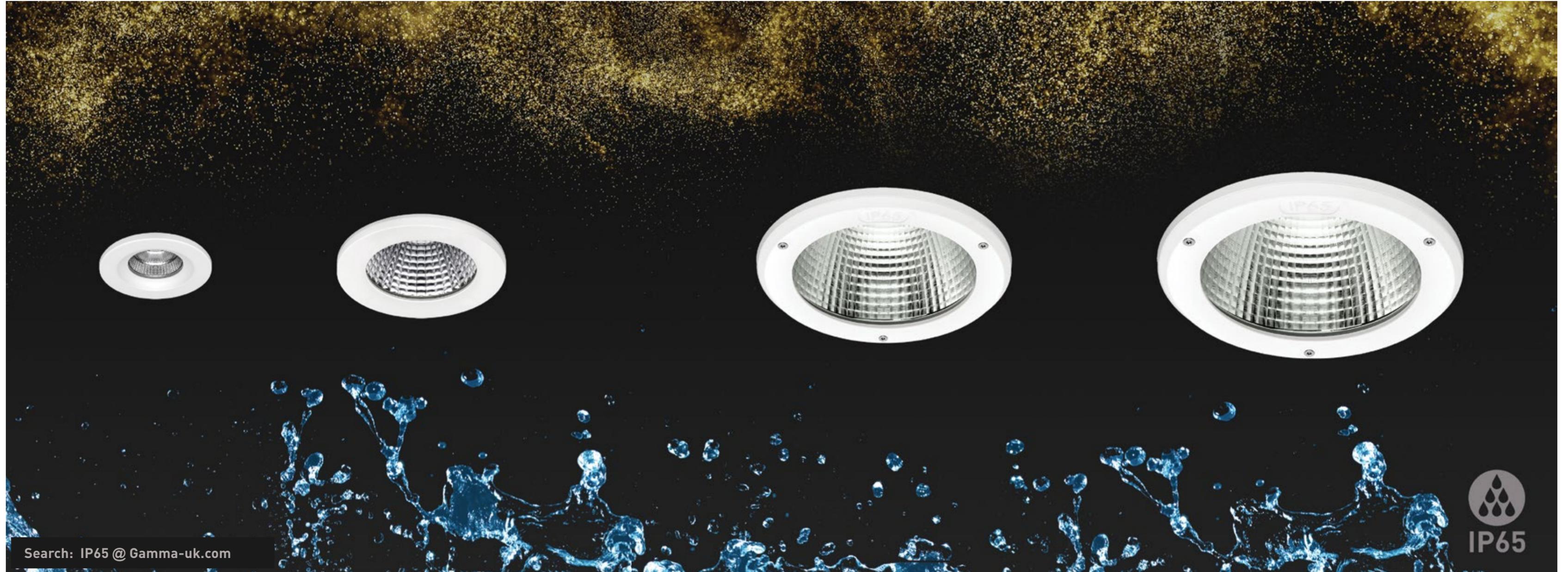
Our pendants are hand-finished in the UK for a superior quality. Their clean and simple design, along with the different colour and finish options, are sure to help get the desired look.



INGRESS PROTECTION

Our deceptively tough range of IP65 sealed downlights is designed to deal with more challenging environments. Shower rooms, utility and exterior under-canopy locations, where there can be high concentrations of moisture or dust, can benefit from our luminaires without compromising the aesthetics of the decor.

Available in four sizes, these robust, yet refined luminaires bring together function and form to offer a wealth of practical options, including dimming, integrated emergency and tamper-resistant fixings, coupled with an array of reflector styles and lumen outputs.



TRACK LIGHTS

Our track luminaires are specifically designed to offer practical and flexible illumination for retail, museum and gallery displays. They are equally at home whether they are positioned discreetly or integrated as an aesthetic design feature.

Lingo is the largest of the family and features an efficient heatsink, balanced with a high capacity gear housing, enabling it to deliver high lumen outputs, offer great LED life and incorporate dimming control options.

Jingo & Jango, on the other hand, have a contemporary minimalist style, featuring vertical or horizontal gear housing and a range of beam angle options.



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“Gamma has become my go-to manufacturer and is one of the few UK suppliers who appreciate what we want to create, then deliver on both service levels and quality products.”

Paul Felix - Consultant Lighting Designer



THE BROADWAY

Gamma is proud to have been involved in the high profile Broadway Shopping Centre project and worked closely with the client, architect and build team to make it a great success.

Our powerful and adjustable framelights were chosen for the mall's full height ceilings, selected store facades and food court, whilst the visually appealing and high performance Lingo track light was provided for New Look, Mini Pop Up, Jeff Bains, MenKind and Accent Clothes. All of these fittings featured the visually appealing multi-faceted reflector for a coordinated look.

The square SS downlights were chosen for ambient lighting in the stairwells and parking lobbies, providing a functional yet quality lighting solution that fitted well with the minimalist look of these spaces.



MANCHESTER AIRPORT

Over 3800 luminaires from our Sysion range were installed in Terminal 1 at Manchester Airport. Sysion luminaires were chosen for their visual appeal, energy efficiency and range of lumen outputs, which fulfilled the requirements of the various ceiling heights in the application.

Controllability was a key factor in the project, especially at the arrival gates. To address this, each fitting was installed with a DALI driver, allowing it to be integrated into the airport's building management system and programmed into the intelligent lighting controls. This meant the lights could be automatically dimmed up and down when the area was vacant or in use and subsequently reduce energy consumption.



HARDMAN SQUARE

Gamma was asked by the client to create an energy efficient lighting scheme that also made a visual impact. Capitalising on the abundance of natural light and reflective surfaces, our design incorporated the powerful Sysion downlights which created a visually stunning lighting effect in the large airy lobby.

In addition, our GTS gimbals, with IP54 glass accessory, were installed in the lift lobbies and created a pleasing wall wash effect along the gleaming red panelled walls.



RETAIL COLLECTION

Gamma has a wealth of experience supplying luminaires to a wide selection of retail applications. Whether it be a large shopping centre, national roll-out scheme or establishing a brand image, we can help.

With over 20 years' experience of working with the retail sector, we understand the requirements and challenges that retailers face. It is this involvement that has guided the development of our sought-after range of luminaires to provide the perfect solution for a variety of retail applications.



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