



LED ECO Lights

LED Eco Lights has introduced its revolutionary G5 LED luminaire as the 21st Century replacement for inefficient and energy-hungry fluorescent tubes. Designed and developed to meet the requirements of the most challenging commercial and industrial environments, the new G5 combines versatility and cost effectiveness.

The new model typically replaces standard twin fluorescent fittings that are beyond their useful lives. These outdated fixtures are not only extremely energy intensive but also rely on old lighting technology including control gear that requires additional maintenance and has a relatively short lifespan. Performance is also often poor and accompanied by various operational problems such as flickering, buzzing and blackened tubes.

Available in two, four and five foot lengths, the G5 LED luminaire provides 'instant on' illumination, super brightness of 110lm per Watt and a 50,000 hours lifespan. This new model also offers energy savings of up to 65 per cent to achieve potential payback within four months and is covered by a comprehensive five year guarantee.

Conceived to offer a sleek appearance matched to rugged performance, the new IP65-rated G5 LED luminaire incorporates 'Five Way' protection against rain, dust, ice, heat and corrosion. Furthermore, the product may be specified complete with an integral battery back-up to ensure suitability for use in emergency lighting systems. www.ledcolights.com

An LED for Every Need

A1 takes a look at the vast number of variations in LEDs from strip lights to traditional bulbs; there really is an LED for every scenario!

Integral LED

Integral LED has launched a new range of functional lighting with a decorative twist. The highly practical bulkhead light is often used in areas that require a durable fixture.

Bulkhead lighting units are utilised in public areas, corridors and staircases as well as outdoor applications where toughness is essential. These are locations that demand a superior level of weather-proofing as well as vandal-proofing and theft protection. All these features are included in the new Integral LED Halo, but with an added aesthetic feature that will enhance even a simple space. The Integral LED 15W low-energy bulkhead light delivers 1300 lumens at 4000k white colour temperature – a practical luminaire that provides a strong functional light. The added 'halo'

effect 'washes' a diffused light onto the surrounding surface. Essentially, the halo feature reduces the perceived contrast between the functional light and balances the intensity with an ambient glow onto the ceiling or wall

upon which the bulkhead light is located. The result is a light that provides a practical illumination that is softened to appeal to the eye.

Existing fluorescent (2D) powered units are characterised by an ugly U-shaped signature of light that is visible through the diffuser. In contrast the

Integral Halo's back-lit LED array provides a uniform light distribution without hot-spots and achieves a more attractive light at a 120 degree beam angle. The clever aluminium disc shaped heat exchanger located inside the casing also enables a slim design.

www.integral-led.com



Chelsom



Inspired by the London skyline, the Crane Desk Lamp is a sleek and contemporary piece fusing clean and stylish design with the latest technology.

Also available as a Floor Lamp, the Crane range features a warm white LED light source that allows diffused light to emit from a slim arm which rotates 180 degrees. The LED is recessed along the full length of the arm providing a great spread of light with no glare ensuring the optimum light output for reading and working. The driver is housed in the geometric base which also sports a colour co-ordinated metal push switch to complement the finish of the lamp.

Pictured here in Satin Black with Polished Chrome, the fitting is also available in Polished Chrome in addition to a number of alternative finish options available to special order for minimum quantities.

www.chelsom.co.uk



Collingwood

Collingwood Lighting's new outdoor wall and ground lights are about as robust as they come and can bring light to almost any environment. With marine grade stainless steel and 5mm toughened glass, the unique WL339-342 range will resist ordinary rusting in virtually all applications, including harsh coastal areas. They work equally well mounted in the wall or planted in the ground.

Using an asymmetric lens, light is directed both at the floor to a beam angle of 30 degrees and horizontally, which makes it the perfect choice for illuminating steps or walkways. It also works to brilliant effect in the ground, directing light towards and up a wall – again ideal for walkways or to cast an ambient yet dramatic glow at the front of any building that needs to be lit at low level.

The light is available in either a square or a round shape for maximum versatility and comes with a choice of two LED colours – neutral white and warm white - and in either a machined version with a clean smooth finish, or a cast version with rough finish for a more antique feel.

The high quality and durability of the new LED wall/ground light, combined with its unique design and Collingwood Lighting's extended seven-year warranty, makes it the number one choice for any outdoor lighting project.

www.collingwoodlighting.com

Varilight

With the proliferation of many types of LED products that are available in today's market, it is more important than ever for installers and specifiers to be aware of any dimming requirements or limitations that their preferred lamps may have and to choose a dimming system that will operate effectively and they can trust.

Varilight's V-Pro dimmers are a complete solution for LED dimming and are unique in that they are capable of dimming LEDs which require leading or trailing edge control. Further, the new V-Com range is capable of dimming up to 60 LED lamps for large or commercial applications.

Remote-control dimming and scene-setting of LEDs is covered by the Eclique2 range. All Varilight LED dimming products feature an adjustable minimum brightness level in order to get the full range of light levels from your chosen lamps. Varilight also manufacture dimmable AC/DC converters to control LED strips.

www.varilight.co.uk



RIDI

RIDI Lighting has launched the KARO spotlight, a futuristic square LED spot suitable for contemporary retail or exhibition spaces. With excellent light output performance and full 360° rotation of the light, RIDI has created a versatile luminaire that can be utilised in both large and small lighting applications.

The spot provides comfortable 2500 or 3500 lumens from its uniform formation to create a flattering effect that will suit any modern commercial environment. The three-phase lighting track adapter creates a rigid connection to the luminaire housing whilst the flexibility of the spot housing retaining arm allows for 360° rotation and 135° swivel action. This, together with the expected life of 50,000 hours, makes the spotlight perfect for retail applications as the illumination can be targeted towards any item or offer at any given time, and will require limited replacements.

KARO is available in either a 3x3 (2500 lumen) or a 4x4 (3300 lumen) variation and its die-cast aluminium housing can be coated in white or silver powder. Both versions feature three different optics for Spot, Medium or Flood distributions. KARO is pre-fitted with a RIDI LED module, made in house at the company's Germany factory, and offers a CRI of >80 and colour temperature of 4000, providing a crisp cool light suitable for commercial applications.

www.ridi.co.uk

Zeta Specialist Lighting



Zeta Specialist Lighting has launched an LED retro-fit solution for heritage street lights.

The brand new heritage LED conversion solution, SmartScape Heritage, is the first of a planned new range of LED and solar powered solutions for street and area lighting.

The new Zeta Heritage LED Conversion is available in energy-efficient 30W and 45W variants, in contrast, fluorescent lamps run at 55W and 75W respectively. It delivers superior lumen output of 3,300 (30W) and 4,950 (45W), is IP65 rated, boasts a number of beam angle options to suit various applications and uniquely can also be configured so that it will continue to run for a few hours during a power cut.

Zeta's intelligent design means that the integrated engine can be engineered to fit into a vast range of different heritage lantern shapes and sizes, making it a wholly flexible retro-fit solution for heritage-style public lighting in areas including residential streets, roads, pathways or parks.

SmartScape Heritage provides public lighting providers and maintainers with the ability to retain rather than replace heritage-style lanterns in historic positions when upgrading to cost and carbon saving LED technology.

www.zetaled.co.uk



Kosnic LED Candles

A chandelier is more than just a light source, it's an eye-catching feature within a room, making visitors feel warm and welcome. Selecting the right LED lamp so that it complements rather than competes with the chandelier design is crucial, the correct combination having the potential of being the talking point in the room. This was the brief when Kosnic developed its range of 4W & 5.5W LED Candles; with an unrivalled variety of shapes, caps and finishes that enhance the aesthetic appeal of any chandelier.

Superior light quality: the unique arrangement of the LEDs on the base delivers a warm and comforting ambient 360 degree all round light, complete with the signature 'twinkle' effect befitting any chandelier.

Absorbing look: The machined aluminium lamp bases are anodised and finished in either silver, brass or bronze to match the chandelier design. Kosnic LED Candles are also available in 3 shapes: plain, twist top and bent tip.

These fully dimmable candles have a lumen output of up to 65lm/W, and a long life of 30,000 hours and can deliver significant energy-saving compared with an incandescent filament lamp.

www.Kosnic.com



LUCTRA

TABLE PRO is the premium table lamp within the LUCTRA® range, combining the latest LED technology with award-winning design and biological light effect. Manufactured from the highest grade of aluminium and steel, LUCTRA® is available in three contemporary finishes of aluminium, black or white, ensuring coordination with a multitude of interiors which is complimented by the geometric (LINEAR) or rounded (RADIAL) lamp head design.

Stylish and practical open cooling fins are featured in the unique lamp heads to effectively dissipate the heat from the LEDs, maintaining an operating temperature which never rises above 40°C. This ensures an extremely long service life for the LEDs of up to 50,000 hours, low power consumption and consequently sustainability in every respect. Self-locking joints specially developed for



LUCTRA® allow adjustment of the lamp to any desired position and a total of three mounting options are available: a table top (BASE), a table clamp or a pin for insertion into drill holes between 20mm and 80mm in diameter (PIN).

LUCTRA® TABLE PRO offers a VITACORE® electronic system enabling users intuitive access to LUCTRA® functions and the ability to control the brightness and colour of the light by simply placing a finger on the glass touch panel. A VITACORE® app is also available on Apple and Android systems, allowing a fully adjustable 24-hour lighting sequence to be programmed to automatically vary the colour and intensity of light to simulate natural illumination through the course of the day. Bluetooth technology allows the lamps to be controlled from a 10 metre distance and two integrated USB connections enable charging of smart phones and tablets without affecting the life of the LEDs.

www.luctra.co.uk

Chelsom

The innovative LED Dock is one of the stand out pieces from Chelsom's new collection, Edition 24.

Available in five different colour finishes, LED Dock is pictured in the industrially inspired Black Bronze and English Brass combination which is a striking new addition to Chelsom's range of finishes.

This warm white LED reading light is housed within a rectangular head that swivels 90 degrees and 'docks' into a semi recessed backplate, which can be vertically or horizontally mounted.

Both docking switch or push switch variations are available and combination wall light options can be produced providing the perfect bedside lighting solution marrying design functionality and technology with design.

www.chelsom.co.uk



Sylvania

Sylvania has launched the ToLEDo Retro range, a complete series of A++ Energy rated lamps to replace traditional light sources. The new products include A60, Globe, ST64 and Candle lamps and the complete range has been designed to keep the look and feel of incandescent lamps while offering up to 90 per cent energy savings. All lamps within the range are non-dimmable and available in Homelight 2700K, backed by a three year warranty for complete peace of mind.

The new lamps are exactly the same dimensions as traditional incandescent and halogen versions and offer the same sparkling lit effect. They also provide end-users with energy savings and a lamp that lasts up to 15 times longer than the traditional incandescent bulb. Combining instant light and warm rich colours with the highest energy efficiency and a classical look, these lamps are also an alternative to slow starting, less aesthetically pleasing low energy compact fluorescent lamps.

Ideal for use in hotels, bars, restaurants and residential applications, the Sylvania ToLEDo Retro lamps have a high efficacy of up to 128Lm/W, a wide beam angle of 300 degrees and with a 15,000 hour lifespan, these lamps offer a quick payback period. They are direct replacements for existing 25W, 40W and 50W incandescent lamps as well as halogen and compact fluorescent lamps and are perfect for retrofit applications. For example, the 4W LED Virtual Filament lamps will replace a 40W incandescent version to lower power consumption and saving 90 per cent on energy costs.

www.havells-sylvania.com



Mackwell

The advancements in LED technology now means that LEDs can be powered by category cable, creating a new approach to how lighting can be installed and controlled, which is all thanks to low voltage and current requirements of LEDs. The smart building movement has seen more people look into alternatives to mains wiring and category cable benefits by delivering fast and simple installation, flexibility to respond to the changes of a building's interior and the ability to incorporate controls to improve efficiencies and safety.

The new N-light EC from Mackwell provides an innovative and efficient approach to installing, powering and monitoring emergency lighting systems. N-light EC achieves this by using category cables so that monitoring and testing an emergency lighting system can be completed without the need for additional wiring. N-light EC is a central component for powering and commissioning emergency lighting systems, specifically designed to be used alongside general lighting that operates on a Smart building platform to create a complete lighting solution.

One of the key advantages of the N-light EC is that all components are powered, commissioned and monitored via a plug-in category cable, making installation simple and cost effective. Using a category cable, connecting devices is as simple as plugging the connecting pin into the port on the emergency product, with the remaining connecting pin being plugged into the N-light EC, thus eradicating wiring errors.

www.mackwell.com



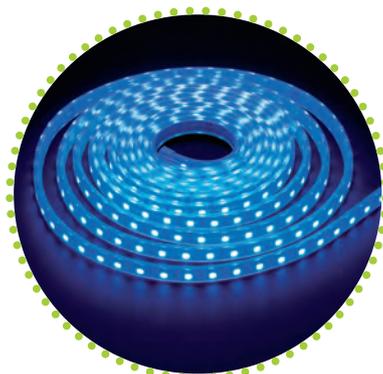
LUMIANCE

Lumiance has furthered its portfolio of ambient and decorative products by enhancing the LumiStrip range of LED strip lighting to now include two high output versions. The LumiStrip High Output and the LumiStrip High Output Pro are both high performing and energy efficient, whilst maintaining the ethos of LumiStrip in being flexible in shape and colour. Ideal for a variety of applications across the hospitality, retail and leisure sectors, LumiStrip is a must have for designers or contractors looking to create a unique atmosphere for each lighting scheme.

The two high-output options ensure a powerful lumen per metre ratio. The High Output Pro 106W 5m reel is equipped with 600 LEDs, providing 1724lm/m; ideal for 21W or 24W T5 replacement. The High Output 5m reel option includes 420 LEDs, which produces 1470lm/m and 90lm/W, all with a 50,000 hour life.

The LumiStrip range encompasses products with IP20, IP65 and IP67 ratings with the latter two suitable for outdoor use. All strips within the LumiStrip range are able to offer total customisation by being shortened at varying intervals, allowing the installer or end-user to perfectly match LumiStrip to the application area. All LumiStrip versions are 5m in length, with the LumiStrip IP20 option which can be cut every 100mm, and the with the IP65 and IP67 LumiStrip versions designed to be cut every 50mm. Once the strip has been cut, end caps and connectors can be added to complete the installation and ensure ultimate safety with the products. A selection of aluminium profiles is also available within the range.

www.havells-sylvania.com



The Decorative Quality

We delve in to the world of decorative lighting, looking at the prettiest, boldest and innovative designs.

Lighting has many functions, it can be used to highlight products or people, it can be used to help us feel safer when out and about and it can even be used to make us more productive or increase wellbeing. In many cases it is the unsung hero of a space, offering a way for us to see, navigate, work or play, but lighting can be so much more than this. Merging the lines between function and art decorative lighting can be used as a focal point within a room or as the wow factor in any space. Experimenting with the patterns light can make when directed at jewels, cut glass, mirrors or even metal means Lighting Designers creating decorative lighting have a vast scope of materials and effects at their fingertips.

Nur possesses an aesthetic more akin to sculpture, exuding a feeling of refinement and sophistication across pendant, ceiling, wall and table lamps.



Twists and turns, simple, clean, bold, and innovative. There are many words that spring to mind when describing the brand new Nur range from Mantra.

Twists and turns, simple, clean, bold, and innovative. There are many words that spring to mind when describing the brand new Nur range from Mantra. Designed by Jose Ignacio Ballaster this stunning range of lighting not only boasts cutting edge design but is also helping to lead the way in decorative LED lighting.

Minimalist in design, with graceful, elegant curves, Nur possesses an aesthetic more akin to sculpture, exuding a feeling of refinement and sophistication across pendant, ceiling, wall and table lamps.

Its bold strokes of aluminium and frosted polycarbonate produce an exciting and evocative light source making it a stylish centrepiece addition to any modern domestic lighting scheme.

The light output of the range is impressive. The wall lamp is powered by a single 10W LED producing 850lm at a colour temperature of 3000K whilst the double curved pendant uses a 50W

**ABOVE:
Nur Table
Lamp from
Mantra.**

**LEFT TOP TO
BOTTOM:
Nur Range of
Decorative
Lighting from
Mantra.**

LED producing 4000lm with a 3000K colour temperature. The entire range has an A energy rating proving that a low energy footprint does not always have to compromise on style. The Nur is due to launch this September.

Nulty+ have worked on many retail and hospitality lighting projects often creating bespoke decorative pieces to blend seamlessly with the interior design and ambience of the project. For one such retail project they created a bespoke chandelier comprising of a central candelabra fitted with LED candle lamps.

Ellie Coombs, Director at Nulty+ comments "The highly decorative environment resembles a lavish panelled salon. Lighting highlights the detailing of new elements, while enhancing the listed building. Discreet, yet interesting, the multi-layered approach ensures many light sources 'build' the light levels. The focal point of the ground floor is the bespoke chandelier. Generously scaled to suit the double-height



space, this comprises of a candelabra fitted with LED candle lamps. This is encircled by a handmade plaster oval ring, which accentuates the space and provides positions for adjustable spotlights (for accent lighting) and cold cathode uplighting, which illuminates the ceiling, providing a bright aesthetic and soft ambient light."

Chelsom work mainly within the Hospitality sector and have a range of products both decorative and functional, in a range of styles and eras.

creative freedom to suit any project.

Understated in terms of its design, the decorative impact of Filament comes from the dimmable 35W 240V striking filament lamps suspended from a Penny Bronze steel frame creating a magnificent centrepiece whilst providing excellent ambient lighting.

From contemporary and edgy to classic and sleek, decorative lighting really can enhance any space. It can be designed to fit in with a rooms' interior or as a stand out piece to create a talking point. Decorative lighting really has a wide

Decorative lighting can add to glamour of a hotel and create that wow factor for when guests first enter, creating the right first impression.

Lighting is an important part of any hotel and getting it right can ensure guests are relaxed and enjoy their stay. Decorative lighting can add to the glamour of a hotel and create that wow factor for when guests first enter, creating the right first impression.

One of the signature fittings from Chelsom's custom range, the Custom Filament is a true statement piece that is sure to create impact in any interior space.

Available in two standard configurations, the size and shape can also be adapted dependent on client specifications enabling

scope and the creative boundaries are endless. 

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Ellie Coombs, Director, Nulty+.

