

VISION

ILLUMINATION

ON-GRID PRODUCT BROCHURE



Vision Illumination is a dynamic company specialising in innovative lighting solutions designed to meet the unique needs of various industries. Founded in 2009, Vision has established itself as a leader in the development and manufacturing of high-quality, energy-efficient lighting products for commercial, domestic, and industrial applications. Their product range is designed to provide both on-grid and off-grid lighting solutions, ensuring their clients benefit from cost-effective, sustainable, and cutting-edge technology.

As the company moves towards a fully off-grid future by 2030, Vision Illumination continues to set industry standards by offering solutions that prioritise energy efficiency, environmental responsibility, and long-term performance. Servicing clients such as local authorities, tier one contractors, house builders and commercial & industrial businesses across multiple sectors, Vision focuses on delivering bespoke solutions that comply with the highest standards, including BS5489 for street lighting.

Vision Illumination is proud of its UK-based design and testing processes, which focus on eliminating waste and maximising energy savings. Their commitment to innovation, sustainability, and customer service ensures that every project they undertake is a step toward a cleaner, more energy-conscious future.

With Vision, there are *no more grey areas*—only clear, smart, and sustainable lighting solutions.





At Vision Illumination, environmental stewardship is central to our mission. We are deeply committed to providing lighting solutions that not only deliver top-tier performance but also promote sustainability and energy conservation. As we work towards transitioning to fully off-grid lighting by 2030, we are continually striving to reduce our environmental footprint through thoughtful design and innovation.



SUSTAINABILITY INITIATIVES

Our sustainability initiatives are rooted in the development of energy-efficient lighting technologies that reduce overall energy consumption and carbon emissions. From the early design stages to the final installation, we carefully consider the life cycle of our products to minimise waste and maximise environmental benefits. Our solutions help clients meet their sustainability goals by reducing energy costs and contributing to cleaner, greener communities.

ENERGY-SAVING EFFORTS

We incorporate advanced energy-saving technologies into our lighting products, ensuring that they operate at maximum efficiency with minimal environmental impact. From LED systems that use a fraction of the energy of traditional lighting to smart controls that allow for automated dimming and adaptive lighting based on real-time conditions, we help our clients reduce their energy consumption and greenhouse gas emissions.

LIGHT POLLUTION REDUCTION

Vision Illumination is conscious of the effects of light pollution, particularly in urban and natural environments. To address this, our products are designed with advanced optics that limit skyglow, reduce glare, and prevent unnecessary light spill. This ensures that light is directed precisely where it is needed, improving visibility and safety without disrupting surrounding ecosystems or community nightscapes.

ECO-FRIENDLY CERTIFICATIONS AND PRACTICES

Our commitment to sustainability extends to every aspect of our business. We adhere to stringent environmental standards and strive to meet or exceed industry certifications for energy efficiency and environmental responsibility. Our manufacturing processes prioritise the use of recyclable and eco-friendly materials, further supporting our goal of reducing waste and contributing to a circular economy.

A FUTURE FULLY OFF-GRID

As we move toward a fully off-grid future, Vision Illumination is at the forefront of innovation in renewable energy-powered lighting solutions. Our vision for 2030 is to lead the industry in providing clean, off-grid lighting that reduces reliance on traditional energy sources. By embracing solar and other renewable energy technologies, we are making significant strides in transforming the way lighting is delivered, ensuring a sustainable future for generations to come.

PROJECT IN FOCUS I

TRAFFORD WHARF

Although the task of supplying Trafford Wharf with an energy-saving alternative to its 150w globes was relatively simple, we were honoured to have the opportunity to re-light such an impressive development.

150 Version 1 luminaires now illuminate the Wharf-side location, providing a cleaner, whiter, directional light than their predecessors.

Iconic structure such as the Lowry footbridge, the Imperial War Museum and BBC Media City already grace the former Manchester Ship Canal, transforming the area into a visual kaleidoscope of architecture, heritage, leisure and enterprise.

Saving £7500.00 of energy costs per year.





At Vision Illumination, innovation drives everything we do. We're committed to pushing the boundaries of lighting technology, continually improving efficiency, sustainability, and performance. Our goal is to deliver cutting-edge solutions that align with the future of off-grid energy.

OFF-GRID TECHNOLOGY

One of our core focuses is off-grid powered lighting. By integrating cutting-edge solar panel technology with the TITANVOLT battery, we capture and store clean, renewable solar energy to power our luminaires efficiently. The solar panels are designed to maximise energy capture, even in low-light conditions, while the TITANVOLT battery stores this energy, enabling the light to be fully self-sufficient. This off-grid system provides a sustainable, cost-effective lighting solution for exterior applications, significantly reducing energy costs and environmental impact.



LED LIGHTING TECHNOLOGY

Our commitment to sustainability is also reflected in the LED technology we use. LEDs are highly energy-efficient, using up to 75% less energy than traditional lighting systems. They have a longer lifespan, which reduces maintenance costs and waste. Each LED component is designed for optimal brightness and longevity, providing excellent illumination with minimal energy consumption. Combined with our smart lighting controls, these LEDs can adapt to varying conditions, further improving efficiency and performance.

INNOVATION

While we use the latest technologies in all our products, we never stop looking for ways to innovate. Our team of experts is constantly researching and developing new solutions to stay ahead of industry trends. We believe in creating products that not only meet today's needs but are ready for the challenges of tomorrow. Whether it's improving our solar panel efficiency or optimising LED performance, we are always striving to elevate our technology.

A SUSTAINABLE FUTURE

Sustainability drives every aspect of our design and manufacturing processes. As we continue to expand our off-grid solutions, we are fully committed to making all our products entirely off-grid by 2030. This vision will help reduce dependency on traditional power grids, contributing to a greener, more sustainable future.



BLENDING TRADITION WITH INNOVATION

We were asked to update the beautiful traditional lanterns in Newcastle's Chinatown with a more sustainable and practical solution. Our team developed a custom-fit retrofit plate featuring advanced LED lighting technology, preserving the charm of the original lanterns while vastly improving their efficiency. This seamless combination of old-world aesthetics and modern technology offers the perfect solution for better, sustainable lighting.



The Valiant I is a versatile exterior lighting solution designed to meet both on-grid and off-grid requirements. With its sleek design and high-performance LED technology, it delivers powerful, energy-efficient illumination for streets, pathways, and public spaces. The Valiant I can be tailored to operate as part of a grid-connected system or as a self-sufficient, off-grid solution, offering flexibility and sustainability. Built with durable materials, it's ideal for both urban and remote locations, ensuring long-lasting performance.



Data Sheet



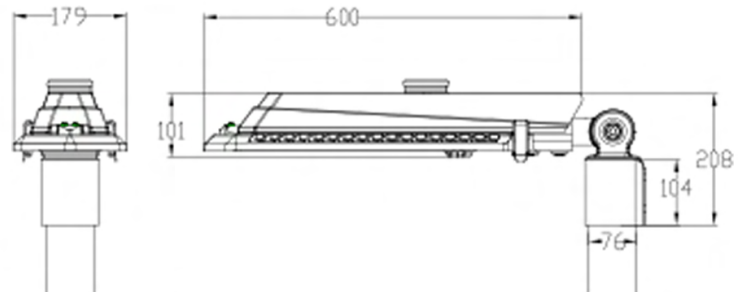
FEATURES

- **Adaptable Power Solutions:** Can be customised for both on-grid and off-grid applications, providing flexibility for various project needs.
- **High-Efficiency LED Lighting:** Delivers bright, focused illumination with low energy consumption and long lifespan.
- **Sleek, Modern Design:** Enhances the aesthetic of public spaces while delivering functional lighting.
- **Durable and Weather-Resistant:** Built to withstand harsh environmental conditions, ensuring reliable performance year-round.
- **Energy-Efficient Smart Controls:** Features adaptive lighting technology to maximise energy savings through real-time adjustments.

PRODUCT SPECIFICATIONS

Lumen output:	1216Lm - 14140Lm
Power:	8w - 93w
Driver options:	0-10V, DALI, CLO, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	6KG
Materials:	LM6 Cast Aluminium / PMM Acrylic OPTIC / BZP Steel & CC Fasteners
Spigot size:	76 MM (Post Top) / 42 MM (Side Entry)

DIMENSIONS



ACCREDITATIONS





The Valiant II takes exterior lighting to the next level, offering a tailored solution for both on-grid and off-grid projects. Equipped with an enhanced LED system, this luminaire provides exceptional brightness and coverage while being adaptable to a range of power sources. Whether connected to the grid or powered independently, the Valiant II is designed to deliver efficient, long-lasting lighting for high-traffic areas, urban landscapes, and large public spaces.



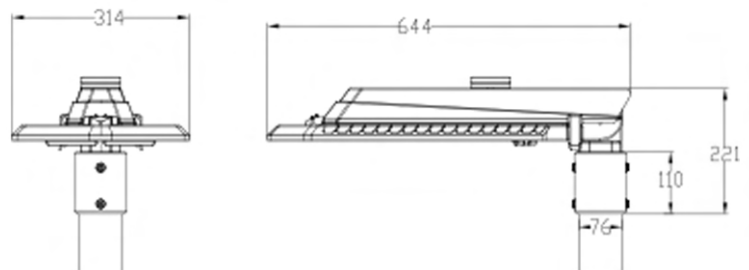
FEATURES

- **On-Grid and Off-Grid Flexibility:** Customisable to operate with traditional grid power or as a fully off-grid solution, offering versatility in deployment.
- **Optimised LED Performance:** Advanced LED technology provides superior illumination with minimal energy usage.
- **Contemporary Design:** Combines functionality and modern aesthetics to complement a wide range of environments.
- **Engineered for Durability:** Constructed with high-quality materials to endure extreme weather and challenging conditions.
- **Smart Lighting Solutions:** Includes intelligent lighting controls to optimise energy use and adapt to environmental conditions.

PRODUCT SPECIFICATIONS

Lumen output:	16416Lm - 25080Lm
Power:	108w - 165w
Driver options:	0-10V, DALI, CLO, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	9KG
Materials:	LM6 Cast Aluminium / PMM Acrylic OPTIC / BZP Steel & CC Fasteners
Spigot size:	76 MM (Post Top) / 42 MM (Side Entry)

DIMENSIONS



ACCREDITATIONS





The Brunel Lantern is a timeless addition to our Heritage Lighting range, combining classic design with modern LED technology. Inspired by traditional street lamps, the Brunel features a distinctive teardrop shape and is top-mounted for an elegant yet sturdy appearance. Perfect for historic streetscapes, parks, and heritage sites, this luminaire offers the charm of a vintage aesthetic with the energy efficiency and long lifespan of advanced LED lighting. The Brunel Light beautifully blends the past with the future, providing an ideal solution for those looking to maintain a classic look while enjoying the benefits of modern technology.



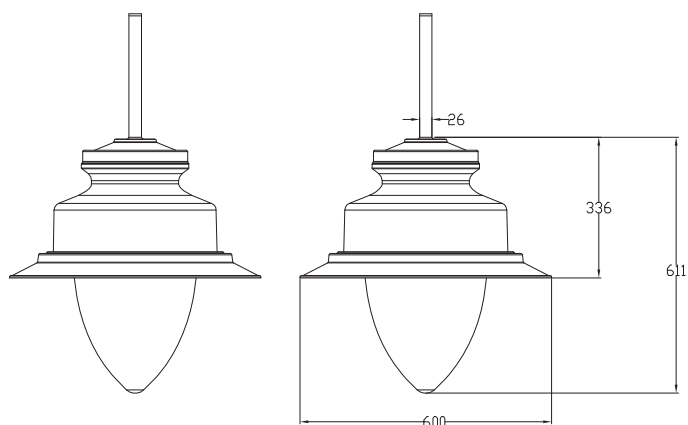
FEATURES

- Heritage Design: Classic teardrop shape and top-mounted structure evoke a vintage style, perfect for heritage areas.
- Advanced LED Technology: Energy-efficient LEDs provide bright, uniform light with significantly reduced energy consumption and maintenance costs.
- Durability: Built to withstand outdoor conditions while maintaining its classic look over time.
- Low Maintenance: The LED technology reduces the need for frequent replacements, making it a cost-effective solution.
- Versatile Applications: Ideal for historic districts, parks, and outdoor spaces where a blend of tradition and modernity is required.

PRODUCT SPECIFICATIONS

Lumen output:	1216Lm - 13376Lm
Power:	8w - 88w
Driver options:	0-10V, DALI, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	8KG
Materials:	LM6 Cast & Spun Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel & CC Fasteners
Spigot size:	76 MM (Post Top Wishbone) Top Hung (BSP or Quick Release)

DIMENSIONS



ACCREDITATIONS



The Darwin Lantern is a standout piece in our Heritage Lighting range, combining traditional aesthetics with modern LED performance. With a classic square design, decorative finials on each corner, and a spire on top, the Darwin evokes a timeless charm ideal for historical and traditional settings. Its cuboid shape and bottom-mounted design provide a sturdy, elegant solution for streetscapes, parks, and heritage locations. Equipped with energy-efficient LED technology, the Darwin Light offers the beauty of classic lanterns with the benefits of modern, sustainable lighting.



Data Sheet



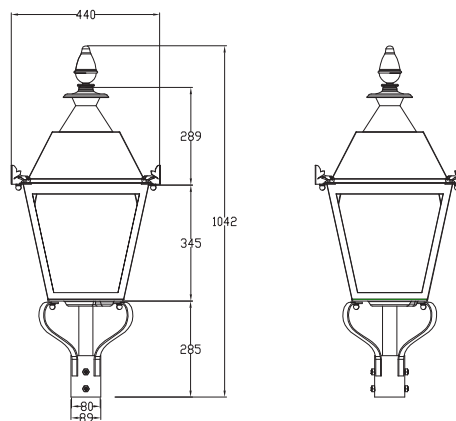
FEATURES

- **Traditional Design:** Square cuboid shape with decorative finials and a spire/cone for a vintage look that suits historical environments.
- **LED Efficiency:** Advanced LED technology ensures bright, consistent light with lower energy consumption and maintenance.
- **Durability:** Engineered for long-lasting outdoor performance in various weather conditions.
- **Low Maintenance:** Reduced need for bulb replacements thanks to long-life LED technology, minimising upkeep costs.
- **Bottom Mounting:** Secure bottom-mounted design for easy installation on traditional lamp posts and structures.

PRODUCT SPECIFICATIONS

Lumen output:	1216Lm - 13376Lm
Power:	8w - 88w
Driver options:	0-10V, DALI, CLO, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	10KG
Materials:	LM6 Cast & CNC Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel & Brass Fasteners
Spigot size:	76 MM (Post Top) Top Hung (BSP or Quick Release)

DIMENSIONS



ACCREDITATIONS





The Kipling Lantern brings a touch of elegance to our Heritage Lighting range, with a traditional yet unique cylindrical design. Featuring smooth curves and refined brass fittings, which have the appearance of polished gold, this luminaire evokes a classic, timeless charm. Topped with a decorative spire, the Kipling Light is perfect for historical streets, parks, and heritage sites. Combining old-world aesthetics with modern LED lighting technology, it provides superior illumination and energy efficiency. Its bottom-mounted design makes it easy to install and highly durable in outdoor settings.



Data Sheet



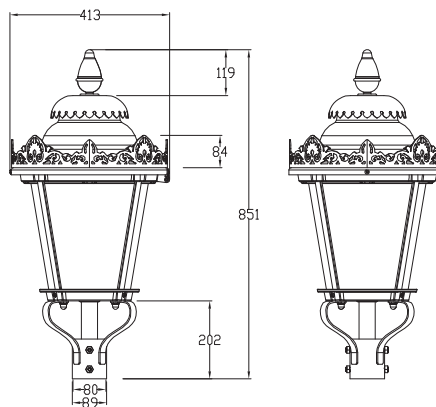
FEATURES

- **Elegant Heritage Design:** Cylindrical shape with decorative brass fittings and a spire, perfect for enhancing traditional environments.
- **Energy-Efficient LED Lighting:** Equipped with advanced LED technology, offering bright, uniform light with reduced energy use.
- **Polished Brass Finish:** Brass fittings give a classic, luxurious look, mimicking the appearance of gold.
- **Long-Lasting Durability:** Built to withstand outdoor weather conditions while maintaining its aesthetic appeal.
- **Bottom Mounting:** Easy and secure bottom-mounted design for versatile installation in various heritage settings.

PRODUCT SPECIFICATIONS

Lumen output:	1536Lm - 12994Lm
Power:	8w - 72w
Driver options:	0-10V, DALI, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	8.5KG
Materials:	LM6 Cast & CNC Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel & Brass Fasteners
Spigot size:	76 MM (Post Top) Top Hung (BSP or Quick Release)

DIMENSIONS



ACCREDITATIONS





The Manor Lantern is a distinguished addition to our Heritage Lighting range, featuring a classic cylindrical design topped with a spire for a timeless look. Its rounded shape adds a touch of elegance to traditional outdoor settings, making it ideal for streets, parks, and heritage areas. Equipped with advanced LED lighting technology, the Manor Light combines the charm of vintage aesthetics with the efficiency and performance of modern lighting. The bottom-mounted design ensures a secure fit, offering both durability and ease of installation.



Data Sheet



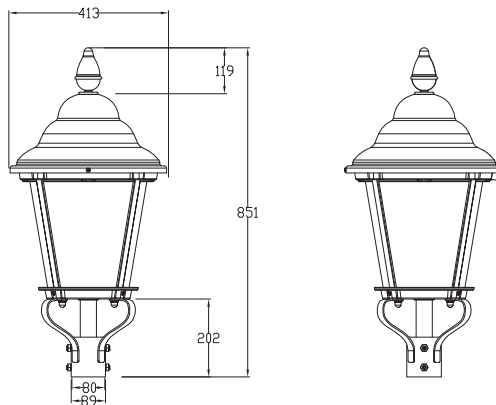
FEATURES

- **Traditional Design:** Cylindrical shape with a decorative spire/cone on top, perfect for enhancing heritage environments.
- **LED Efficiency:** Incorporates energy-saving LED technology, offering bright, consistent lighting with reduced power consumption.
- **Durable Construction:** Built to withstand the elements, ensuring long-lasting performance in outdoor settings.
- **Low Maintenance:** LED technology reduces the need for frequent replacements, offering a cost-effective lighting solution.
- **Bottom Mounting:** Secure bottom-mounted design for easy installation on lamp posts and structures.

PRODUCT SPECIFICATIONS

Lumen output:	1536Lm - 12994Lm
Power:	8w - 72w
Driver options:	0-10V, DALI, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	8.5KG
Materials:	LM6 Cast & Spun Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel & Brass Fasteners
Spigot size:	76 MM Post Top only (reducers/expanders available)

DIMENSIONS



ACCREDITATIONS





The Marquis Lantern is a modern, stylish luminaire designed with a unique, sombrero-inspired shape. Its rounded dome top flares out at the bottom like a skirt, creating a distinctive, contemporary look. Perfect for urban environments and outdoor spaces that demand a blend of functionality and aesthetics, the Marquis Light also benefits from advanced LED lighting technology, delivering bright, efficient illumination. The top-mounted design provides easy installation and secure fitting, ensuring long-lasting performance.



FEATURES

- **Modern, Distinctive Design:** Sombrero-inspired shape with a rounded dome and flared bottom for a sleek, contemporary appearance.
- **LED Efficiency:** Equipped with energy-efficient LED technology for superior lighting performance with reduced energy consumption.
- **Durable Construction:** Built with high-quality materials for long-lasting use in outdoor environments.
- **Low Maintenance:** LED technology minimises the need for frequent replacements, offering a cost-effective solution.
- **Top Mounting:** Secure, top-mounted design for easy installation in various modern settings.

PRODUCT SPECIFICATIONS

Lumen output:	1536Lm - 12994Lm
Power:	8w - 72w
Driver options:	0-10V, DALI, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	6.5KG
Materials:	LM6 Cast & Spun Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel & Brass Fasteners
Spigot size:	Top Hung (BSP or Quick Release)

DIMENSIONS

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ACCREDITATIONS





The Parc Luminaire is the most futuristic luminaire in our collection, featuring a sleek, cone-shaped design that adds a cutting-edge feel to any modern outdoor setting. Its minimalist yet bold appearance, combined with advanced LED technology, ensures powerful, energy-efficient lighting. With a bottom-mounted installation, the Parc Light offers both durability and a striking aesthetic for urban spaces and contemporary developments.



FEATURES

- **Futuristic Design:** A distinctive cone-shaped body, perfect for forward-thinking environments.
- **LED Efficiency:** Energy-efficient LED technology reduces power consumption while providing excellent illumination.
- **Durable Construction:** Built to withstand outdoor elements, ensuring longevity and reliability.
- **Low Maintenance:** Advanced LED system requires minimal maintenance, lowering long-term costs.
- **Bottom Mounting:** Easy-to-install bottom mounting ensures a clean, sleek appearance.

PRODUCT SPECIFICATIONS

Lumen output:	1216Lm - 13376Lm
Power:	8w - 88w
Driver options:	0-10V, DALI, CLO, NON DIMMING
Colour temperature:	1900K - 3000K
Weight:	7KG
Materials:	LM6 Cast Aluminium / PMMA OPTIC / Polycarbonate Enclosure / BZP Steel Fasteners
Spigot size:	76 MM (Post Top) / 42 MM (Side Entry)

DIMENSIONS

PLEASE CONTACT VISION ILLUMINATION FOR DIMENSIONS

ACCREDITATIONS





The Nano Luminaire is a versatile, modular on-grid lighting solution, designed with energy efficiency and performance in mind. Available in two configurations—the Nano Single with a compact, single light fixture, and the Nano Twin featuring dual lanterns—it provides reliable illumination powered by advanced LED technology. The Nano Luminaire ensures bright, eco-friendly lighting, making it one of our best-selling products. Ideal for a variety of applications, from residential pathways to public spaces, this luminaire offers a smart, efficient solution for on-grid environments.



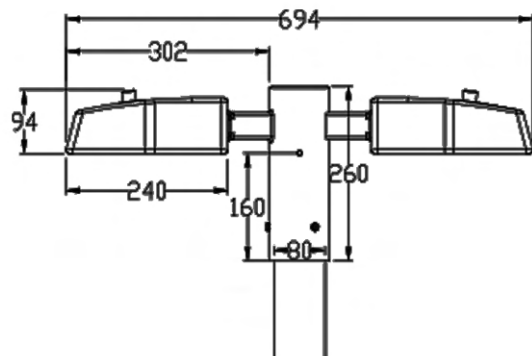
FEATURES

- **Modular Design:** A flexible, rotary-moulded system with a chamfer that eliminates glare and sky glow, adaptable to various outdoor settings and available in single or dual-lantern configurations.
- **On-Grid Solution:** Reliable on-grid power connection provides consistent performance without the need for solar or battery power.
- **Single or Twin Lighting Fixtures:** Choose between the Nano Single for a compact, focused light or the Nano Twin for broader, dual-light illumination.
- **Energy Efficient:** Advanced LED technology reduces power consumption and ensures long-lasting, high-performance lighting.
- **Durable Build:** Engineered to withstand diverse weather conditions, providing continuous operation in all environments.

PRODUCT SPECIFICATIONS

Lumen output:	440-2,2200Lm
Power:	2w - 12w
Colour temperature:	2200K - 3000K (AMBER available)
Weight:	2.5KG (Including Spigot)
Materials:	Recycled Bioplastic / BZP Steel Fasteners / PMMA Optic
Spigot size:	76mm/89mm/118mm/165mm/Midpole

DIMENSIONS



ACCREDITATIONS



PROJECT IN FOCUS II

FLINTSHIRE COUNTY COUNCIL

Flintshire County Council's 3 year project to switch over 19000 total assets to LED technology. Vision were proud to be awarded the supply of all luminaires for the project after a successful tender bid from our supplier Snapfast.

The project set out by Flintshire County Council set out to replace 12000 street and road luminaires to LED technology within the first 2 years, with an additional 6000 pieces added in a tender extension at the start of year 3. Also involved was the replacement of all heritage and decorative luminaires around the County, which spans from the North Wales border at Chester, to Wrexham and inland bordering with Denbighshire.

The project was funded via two successful Salix finance bids applied for by the Council using a forecasted energy saving model provided by Salix themselves. The model then is submitted, approved and a zero interest, government backed loan is secured in order for the project to start.

The Vision Valiant luminaire was the predominant specified lantern used in the tender, due to its dexterous lumen outputs, optics and dimming functionality, so it could be fine-tuned to suit any required design criteria with minimal time in order to keep the supply chain as efficient as possible, and cater for Flintshire's many differing road layouts and configurations. As aforementioned this was in addition to producing bespoke products for heritage and architectural sites dotted around the County.



“ Vision Illumination’s lighting solutions have truly transformed our public spaces. Their sleek, energy-efficient street lights have not only lowered our energy costs but have also enhanced the safety and appeal of our communities. The team was fantastic to work with, and the installation process was seamless. We’re looking forward to exploring their off-grid technology as we pursue our sustainability goals.”

STEVE JONES, Wrexham County Councillor



“ We needed reliable lighting for our community spaces that could adapt to varying outdoor conditions, and Vision Illumination delivered. Their solar-powered luminaires provide consistent brightness without the need for traditional power sources, making them ideal for our parks and public areas. We’re extremely satisfied with both the quality of their products and their commitment to sustainability.”

DARRELL JONES, Flintshire County Council



“ Vision Illumination provided us with a custom lighting solution for our new commercial development, incorporating both on-grid and solar technology. Their use of the latest LED advancements ensured we could maintain excellent illumination across the site while keeping energy consumption low. Their professionalism, attention to detail, and innovation are unmatched. We’re already planning our next project with them.”

PAUL SAGAR, North & Mid Wales Trunk Road Agent



“ Installing Vision Illumination’s lanterns at Hartlepool Marina has been a game changer for our community. Their LED street lights are not only cost-effective but also help us meet our energy efficiency targets. By focusing on reducing light pollution with smart, targeted lighting, they’ve improved night visibility while minimising our environmental impact. We’re excited to explore their off-grid solutions as we work toward a greener, more sustainable future.”

ROB DALY, Hartlepool Borough Council

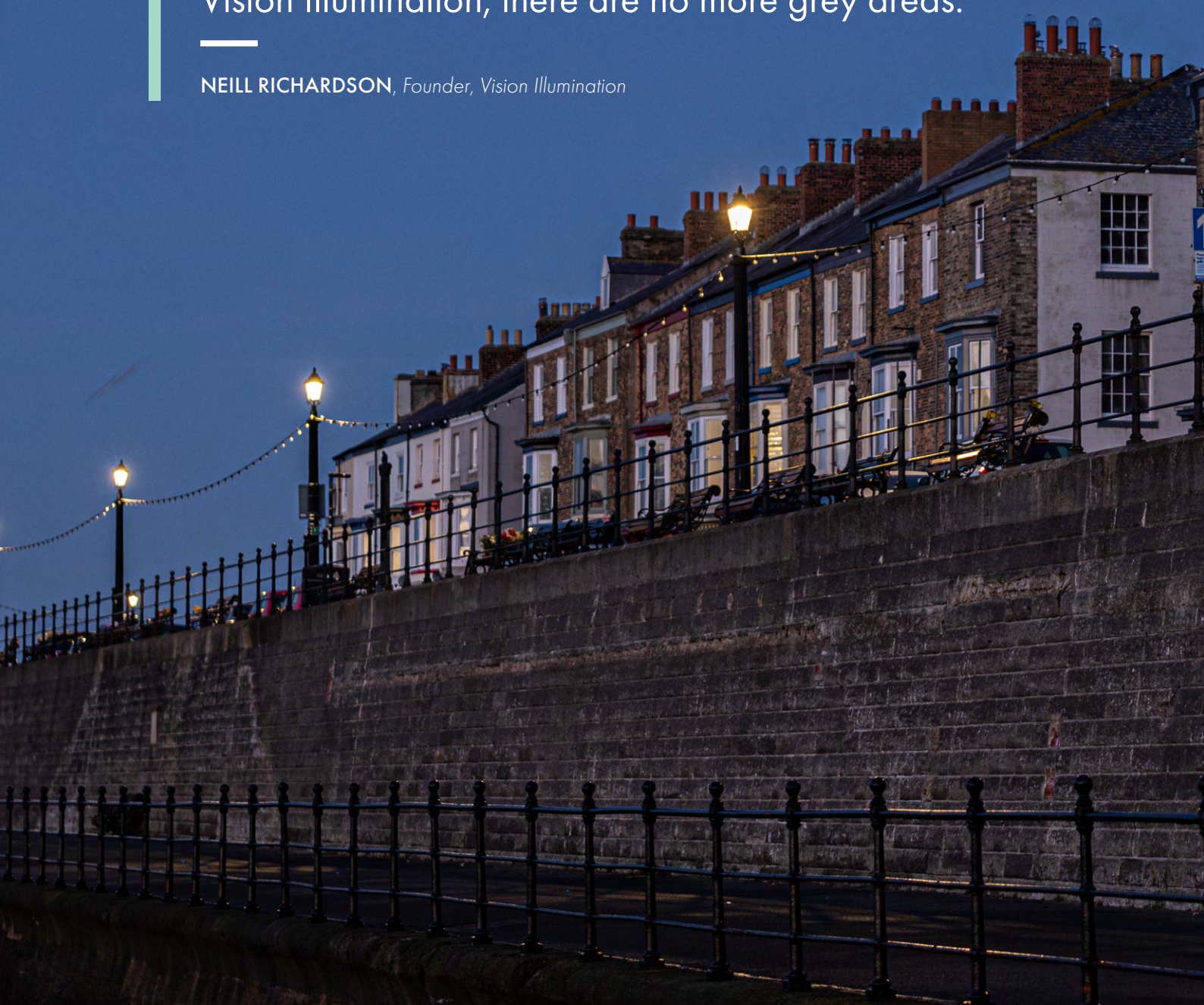




PLUS MANY MORE

At Vision Illumination, we are committed to lighting the way toward a more sustainable future. With a bold target to transition fully to off-grid solutions by 2030, we continue to innovate and refine our technology to meet the evolving needs of our clients. As we move forward, our focus is not only on developing new partnerships but also on nurturing the strong relationships we've built over the years. Together, we will create brighter, smarter, and more sustainable environments—because with Vision Illumination, there are no more grey areas.

NEILL RICHARDSON, *Founder, Vision Illumination*





VISION
ILLUMINATION

NO MORE GREY AREAS

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