

# PRODUCT CATALOGUE 2023



OUTDOOR &  
GARDEN **LIGHTING**

- 12V
- 240V
- SOLAR

# Why Lumena?

Established in 2009, Lumena has become a well known supplier of outdoor lighting to garden designers, installers, architects and wholesalers, often to prestigious nationwide projects. The goal is simple; to provide high-quality, energy-efficient lighting. Lumena prides itself on its outstanding customer service from start to finish of every project. Our team is on hand to help wherever they can, which shows in our glowing 5 star feedback from many of our customers. Our philosophy can be divided into three key points: Innovate, Educate and illuminate.

**Innovate:** Uniqueness in design and expert functionality are our core values when creating new products. We focus on offering fittings which fulfil specific needs and aren't available elsewhere on the market. Our design-led Director, Martin, has an eye for detail and is always aiming to offer designs which are different, and improving on existing, much loved products.

**Educate:** Whether you're just starting to 'see the light' or experienced in illumination, our technical team are on hand to help with your queries and transform your outdoor space.

**Illuminate:** There's more to 'illumination' than products that work. Customers require products that are reliable, durable and functional. For your peace of mind, all of our lights have up to a 5 year guarantee.



Lumena Team 2023

## Delivery



We aim to ship all orders on a next working day delivery service. We also 'dropship'.

For items made to order, such as Radiata path lights, please allow up to 3 working days.

## Lighting Planning

In the dark about lighting? Lumena can help you.

We offer a free service to assist you with your designs. Our team can advise on fittings, wiring and positioning.

Send your garden plan to [sales@lumenalights.com](mailto:sales@lumenalights.com)

## Trade Accounts



Specifiers, installers and professionals are eligible for a trade account with an online login.

Benefit from exclusive discounts, technical assistance, samples, site demos and much more!

**Sign up for a trade account today ►**



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We've included a handy QR code in the corner of every product page. Scan the code using a smartphone camera for additional information, including: line drawings, technical data, instructions & more.



◀ **Scan to  
view online**

Over the years, Lumena have built up a wealth of knowledge about lighting. In that time, we've been asked questions about almost every topic within lighting. The most common queries have been summarised over the upcoming "Help Guide" pages.

The pages that follow give an overview of the points to consider in your outdoor lighting projects. These include: IP and IK ratings, what to consider with LEDs, materials and finishes, wiring and cables, techniques for getting the most from your garden lights and more.

These tips and advice are designed to give you as much information as possible to get your ideas off the ground with all factors considered. If in doubt consult a qualified electrician.



## Product Info Keys

Product pages feature easy to use, quick reference icons highlighting important technical information. Below is an explanation of the icons used throughout the Lumena Catalogue.



Maximum wattage for the fitting



Ingress protection rating



12V VERSA Plug & Play connector



Allows for tilting and/or swiveling of fitting



Fitting has anti-glare protection



Main body IK rating (lenses & solar panels excluded)



Battery capacity and chemistry



Solar panel: monocrystalline / polycrystalline



Product uses Tanalith E wood preservative



Photocell sensor equipped



Motion sensor equipped



Photometric reports available upon request



Compatible with columns of X diameter



Charleston mount required (p.54)



Surface mounting base



In-ground root mount system






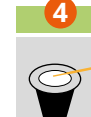










Spike mount option

### IP Ratings

All outdoor luminaires (and accessories such as transformers and connectors) are rated based on their ingress protection to both solids and liquids (IPxx). The first number refers to solids (6 being the highest) and the second number refers to water (8 being the highest). As a general rule, the minimum requirement for outdoor use, unless undercover, is IP44.

Most quality outdoor luminaires are protected to a high rating when it comes to solids, but water protection varies. It's important to select a luminaire with a suitable IP rating for the required task and surroundings. Any luminaire which is to be submerged indefinitely must be rated IPx8, whereas temporary submersion or lighter sprays can have a lower rating.

### IP Ingress Protection Guide (IPxx)

SOLIDS (First Digit)						LIQUIDS (Second Digit)		
1	2	3	4	5	6	1	2	3
								
Solid objects over 50mm, e.g. touch by hands.	Solid objects over 12mm, e.g. fingers.	Solid objects over 2.5mm, e.g. tools.	Solid objects over 1mm, e.g. wires & nails.	Dust limited ingress, no harmful deposits.	Totally protected against dust.	Vertically falling drops of water, e.g. condensation.	Direct sprays of water up to 15° from the vertical.	Direct sprays of water up to 60° from the vertical.
								
						Water splashed from all directions.	Low pressure jets of water.	Strong jets of water.
								
						Immersion between 15cm and 1m over 30mins.	Long term immersion up to a specified pressure.	

### IK Ratings

The IK rating of a product refers to its level of protection against mechanical impacts. IK ratings are the standard for measuring the toughness of a product. The rating is given as a number, usually ranging from IK01 to IK10, with IK10 being the highest level of protection.

IK01 indicates minimal protection against impacts, while IK10 means that the product is highly resistant to impacts. Higher IK ratings mean that a product can withstand more severe impacts and is less likely to break or become damaged.








When selecting outdoor lighting fixtures, it's important to consider the environment in which they will be installed. If the fixtures will be located in an area that is prone to vandalism or accidental damage, a higher IK rating may be necessary to ensure the longevity of the fitting.

## Materials & Finishes

Durable materials and reliability are of utmost importance when it comes to outdoor lighting. Luminaires should be designed to withstand the elements and last for multiple years. They should also dissipate heat to prevent overheating of fittings. Lumena offer at least a 2 year guarantee as standard on most garden lighting designs.

Aluminium	Commonly used for outdoor luminaires, covering budget to mid price range. When powder coated or anodised, durability significantly increases, often adequate for coastal areas.
Stainless steel 304	A common, fairly inexpensive material for contemporary fittings. Lacquered for extra protection.
Stainless steel 316	Often referred to as 'Marine Grade', it is extra durable for coastal location and exposed areas – an upgrade to 304.
Copper	A pure, high end metal with a very high resistance to corrosion due to the natural, oxidation process. A more expensive material to consider.
Brass	Primarily, Copper and Zinc, combined with other metals, making this a very strong, highly durable material suited to most locations with very high corrosion resistance.
Wood	As the most naturally durable outdoor material, wood is long-lasting, sustainable and weatherproof when treated or preserved, whilst remaining in keeping with the countryside.

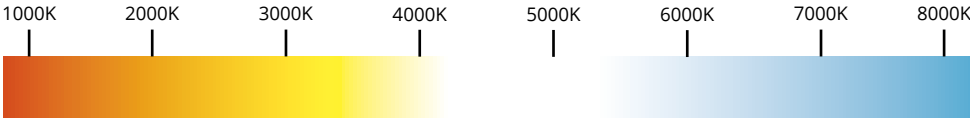
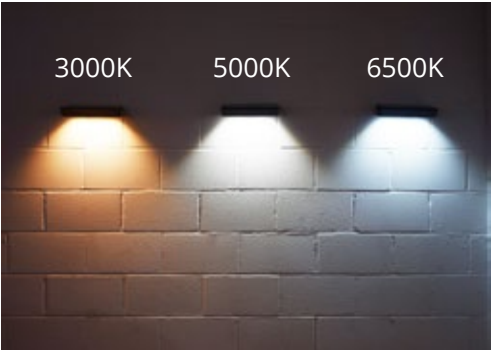
When it comes to finish, one practice is for the light source to blend in with surroundings at night, with the effect being the main attraction. During daytime, if the light fittings will be in view, it is important that they look the part too, almost as their own feature. Lumena have created the perfect balance with attractive finishes to either blend in or stand out accordingly.

Green 	Blends in with planting, foliage and green painted / stained timber
Black 	Most common finish suiting both traditional and contemporary settings. Blends in with ironmongery and disappears into darkness.
Brown / Cocoa 	Usually anodised or powder coated aluminium. Blends in with earth, wood and bark in both traditional and contemporary settings. Cocoa is similar in appearance to lacquered copper.
Silver 	A contemporary finish to suit all budgets in various materials. Finishes include Titanium (anodised), Aged Silver and Stainless Steel
Brass 	A traditional finish. Remains a polished, golden finish when lacquered. Untreated, brass will tarnish over time to blend in with pale timber and light coloured stone and brick.
Rustic Bronze 	A traditional, brushed antique finish of brass which darkens over time. Works well with timber, sandstone and light brick, and blends in with earth and plants. A striking feature during daylight.
Copper 	Remains a polished finish when lacquered but natural 'raw' copper will weather, creating a mottled, dark finish eventually turning 'Verdigris' to blend in with timber, brick and gravel.

## Colour Temperature

Measured in kelvins, colour temperature refers to the tone of white light emitted. Most lamps on the market range between 2700K and 6500K. Warmer tones (<4200K) are typically less disruptive to wildlife than bluer tones.

1800-2200K (Candle)	Orange	Very warm light, reduces disruption to wildlife
2700-3000K (Warm White)	Yellow	Ambient yellowy light creating a cosy atmosphere
4200-5000K (Cool White)	White	Neutral, cool tone of white used in gardens & commerical settings
6000-6500K (Daylight White)	Blue	White with a very cool, blue tone, often found in commercial settings



## Beam Angle

The beam angle of an LED is important when it comes to different lighting effects. Wider beams create a floodlighting effect, suited for wall washing and larger structures. Narrow beam angles are more concentrated and create more dramatic effects, especially for more narrow focal points such as statues. It's also important to consider the fixture housing the LED lamp, as well as any additional elements such as a glare shields or lenses, as they can affect the natural beam angle.

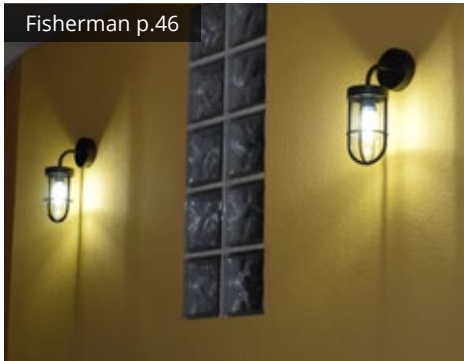
## Light Intesity (Lumens VS Watts)

Wattage and lumens coincide with one another but actually measure completely different things. Wattage is the power consumption of each lamp, whereas lumens is the measurement of brightness (intensity). Often it is believed that the higher the wattage, the brighter the lamp. Although this is sometimes the case, it is the lumens which needs to be considered. For example, a low quality 5W LED may only be 300lm but a higher quality 3W LED may also be 300lm. The 3W lamp actually uses less power (less running cost) but produces the same output as the 5W. LEDs which produce 100lm/W or more are considered the best option. It is important not to use excessive lighting so always consider what it is you're illuminating and with what effect before finalising the LED choice. For many lighting effects, 'less is more'.

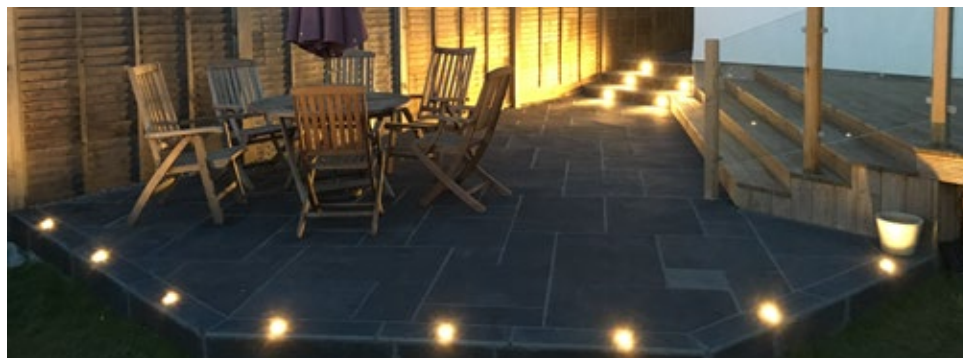
Voltage, in simple terms, is the pressure at which current is pushed through a circuit. Both 220-240V (mains) and 12V (low voltage) have their benefits, each for different reasons. The decision to use 240V or 12V should be determined by various external factors.

**Mains (220-240V)** is a trusted, well known power source used since the 20th Century. The obvious benefit is that the majority of building are supplied with mains electric as standard so it is easy to add on to these circuits. Cable runs can be a lot longer the low voltage cable runs making it a great solution for larger areas. The downside is that mains isn't a great performer in damp conditions; susceptible to tripping should moisture enter connection or fittings. For the purpose of safety, mains cable must be armoured or inside armoured conduit which often results in the digging of trenches at approx. 0.5m depth. In the U.K., under Part P of the Building Regulations, any notifiable mains electrical work, such as wiring a new circuit, must be completed by a certified electrician and a certificate obtained.

Fisherman p.46



**Low voltage lighting systems** (often referred to as extra low voltage in Europe) have many benefits. Firstly, **12V outdoor lights** are particularly suited to outdoor environments because they withstand damp conditions without performance being affected. They're also very safe to use, not dangerous should they become damaged and easy for anybody to install. Plug & play installs are the easiest systems to use with no hard wiring required (see our Versa Range on p.12). The only real disadvantage of low voltage lighting is possible voltage drop (see p.9). By keeping cable runs as short as possible, the effects of voltage drop can easily be avoided, resulting in a safe, reliable outdoor lighting system.



## Voltage Drop

The term 'Voltage Drop' relates to the amount of voltage loss that occurs through all or part of a circuit. This is a result of increased resistance which is a measure of the opposition to current flow in a circuit, measured in ohms ( $\Omega$ ). Electrical cables of any size and length carrying current always present resistance. Although it can affect the entire circuit, it is first apparent at the end of a cable run. A simple comparison would be a garden hose, where the pressure of water running through it reduces the further away it is from its source.

The 4 main factors which contribute to voltage drop are cable length, wire temperature, wire material and the cross sectional area.

Generally, 12V lighting systems can withstand a maximum voltage drop of up to 8% (1V) with no noticeable effects, on the basis that the correct cable / power source is used and it is within range of the LED lamp voltage. If significant voltage drop does occur, it can cause dim lighting, strobing or no power at all.

To reduce the risk of voltage drop, consider the following:

- Reduce cable runs - keep length to a minimum with no more than 12 fittings per circuit
- Highly conductive wire, e.g. copper. A tinned end can improve performance and longevity
- Use high quality, heat resistant rubber cable. Minimum H05RN-F
- Use thicker cable where possible ( $1.5\text{mm}^2$  /  $2.5\text{mm}^2$ ) with a secure, watertight connection

For a larger garden where this is not possible, consider laying a mains power feed to various points / areas where additional 12V transformers can be installed to create separate, smaller circuits. 240V fittings can also be connected to the mains feed if required.

Voltage Drop Guide for 12V AC VERSA Plug & Play $0.75\text{mm}^2$												
Assumes maximum voltage drop of 1 Volt (8%)												
Light fittings distributed evenly												
Wattage	5W	10W	15W	20W	25W	30W	35W	40W	45W	50W	55W	60W
$0.75\text{mm}^2$ Max Run	45m	36m	27m	24m	23m	22m	20.5m	19.5m	18m	17m	16m	15m
Light fittings mainly at end of run												
Wattage	5W	10W	15W	20W	25W	30W	35W	40W	45W	50W	55W	60W
$0.75\text{mm}^2$ Max Run	35m	28m	22m	21m	20.5m	20m	19m	18m	17.5m	17m	16m	15m
Suggested maximum cable run includes cable supplied with each fitting, adaptors and connector cables. Where longer cable runs are required, use thicker cable such as $1.5\text{mm}^2$ / $2.5\text{mm}^2$ which have a lower resistance and reduce voltage drop. Cable runs can be increased by up to 50% (approx) when thicker cable is used.												
The above table is a guide only. We strongly recommend that the voltage is checked with a volt meter at each fitting prior to final placement. Some external factors can affect performance, such as placement of cable etc.												

The installation of 240V garden lighting should always be carried out by a competent person. It is recommended that the number of fittings on one RCD / circuit is kept to around a dozen fittings. Any more than this can cause issues further down the line, such as tripping / overheating etc. It is also more practical should an issue ever arise as the number of fittings to test would be much lower. It would cost more for an electrician to test 50 fittings to find the one fitting with a fault rather than only 12 on that one circuit.

## 240V Circuits

Most 240V fittings include a length of 3 core cable (non armoured) which will need to be hardwired to the circuit (armoured). The shorter the non-armoured section of cable the better, which should be installed inside armoured conduit. We recommend wiring in parallel. Multiple fittings can be connected to a circuit with the use of junction boxes, available in various sizes. The use of IP68 cable glands are highly recommended.

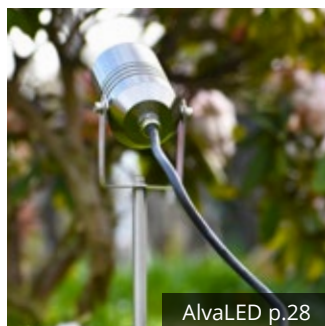


Wiska Gel waterproofing

It is extremely important that each connection is sealed and watertight – water and 240V do not mix well. If any water is present with cable connections when the fitting is used (producing heat), it will create a vacuum, sucking the water up the cable, reducing resistance and resulting in shorting. This is known as wicking. Although most junction boxes have high IP Ratings, filling with a resin compound such as Wiska Gel will ensure a watertight connection. Lumena also offer IP68 single in-line connectors for a more discrete cable extension, and heat shrink kits.

## 12V Circuits

Wiring 12V AC lighting systems couldn't be easier with only 2 wires per cable (live and neutral), known as 2 core. Lumena's 12V transformers have an AC (alternating current) output. Technically, with AC circuits, the wires of two cables can be connected to either colour but it is best practise to keep live to live (brown) and neutral to neutral (blue). 12V lighting systems must always be wired in parallel. For open end, each wire is connected to the same via a terminal block within a waterproof junction box or in-line connector to complete the circuit. Plug and play cables are also an option e.g. VERSA. Most 12V outdoor luminaires are supplied with a length of 2 core rubber cable suitable for outdoor use (commonly 0.75mm). Adjoining extension cabling, particularly longer runs, can be upgraded to 1.5mm or 2.5mm which lowers resistance and reduces voltage drop.



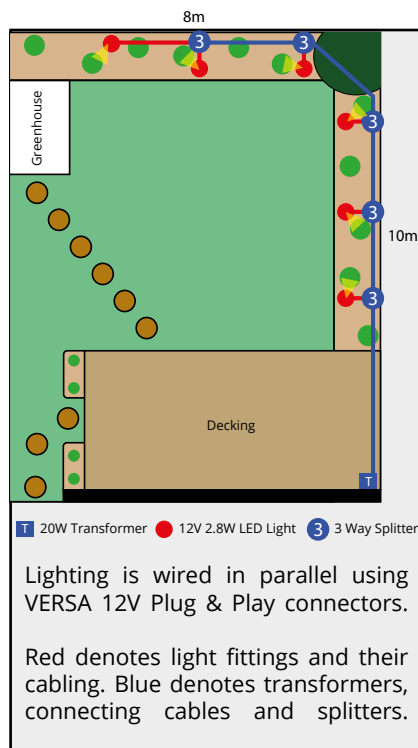
AlvaLED p.28

It is recommended that 12V fittings are grouped together in no more than 12 fittings per circuit and evenly spread with the transformer located as central as possible.

For 12V DC circuits, e.g. powered by the Lumena Durasol Solar Kit (p.52), it is important that the coloured wires are connected correctly. Positive should be connected to positive (red) and negative connected to negative (black). Junction boxes, in-line connectors or heatshrink should be used to create a watertight seal around each connection.

### Selecting the Right Transformer

To calculate the size of the transformer required, add the wattages of all the lamps together, e.g.  $6 \times 2.8W = 16.8W$ . Transformer required: 20W. The total wattage of the circuit should NEVER exceed the transformer's wattage. We highly recommend not loading more than 90% of the transformer's capacity, e.g. up to 45W on a 50W transformer. Lumena 12V transformers perform better over longer periods of time when loaded between 66% and 85% of their capacity.



### Combining 240V & 12V

Mixing 240V and 12V lighting systems is possible and fairly straight forward. Wherever a 240V feed exists, mains voltage outdoor lights can be connected via junction boxes. To combine 12V & 240V outdoor lighting, a waterproof transformer is required. All Lumena 12V Transformers are rated IP68 so are fully waterproof, although we strongly advise against submerging in water in case of mains cable damage. They are also complete with a 3 pin UK plug & 1.5m input cable which means they can plug into waterproof outdoor sockets with no need for wiring. Alternative, the plug can easily be removed and the cable prepared as "open-end" which can then be hardwired into a junction box with a mains 240V power feed. Anything located before the transformer will be 240V and anything after the transformer will be 12V. It is important to ensure the correct size transformer is selected (see calculation above). Multiple transformers can be installed at various points around a 240V circuit. This reduces the likelihood of voltage drop as each 12V run will be substantially shorter.

## VERSA Plug & Play

To further simplify the installation of 12V garden lighting, Lumena offer most garden lights with a 2 pin plug known as the Versa Plug & Play Range. With Versa, no tools or hardwiring is required. The 2 pin male plug simply pushes into the female plug of a cable or connector which is then secured with the screw cap to create an IP44 connection. The specially designed plugs can be connected either way around, there is no right or wrong way being 12V AC. All products with the Versa icon are compatible.



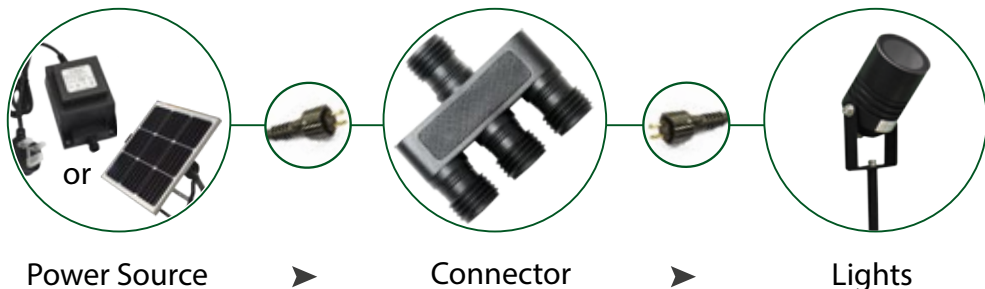
To complete the parallel circuit, various transformers, cable extensions and splitters are available, enabling a fully versatile system. The Versa range includes 0.75mm 2 core double-ended plug & play cables in multiple lengths, as well as plug & play to open end cables. In addition, 3 way and 6 way splitters are also available to easily group multiple fittings and split off to new areas nearby.

Versa connectors (on extensions cables and incorporated into fittings) will plug directly into our 12V AC Transformers, as well as splitters. If adjoining to an existing circuit, the Versa plug can simply be snipped off and the wires stripped to create a standard open end cable.



Rated IP68, Lumena transformers can be located outside: hidden within foliage, attached to a fence (recommended), hidden under decking or buried inside a transformer box. They are also supplied with a UK 3 pin plug and 1m input cable, which means they plug directly into an outdoor socket with no wiring required.

Although rated IP68, we do not recommend transformers are fully submerged in water in case of cable damage, particularly to the mains input cable.



The “Outdoor Room” has become more and more popular over the past few years, inspired by exposure by the makeover industry and DIY tutorials, particularly during the Global Pandemic. An outdoor room is not only an extension of your indoor space, but being outside in the fresh air can also benefit mental health, boosting oxygen and serotonin levels.

Often garden lighting is an afterthought; however this is the area which really transforms any garden design, both visually and with functionality, theoretically extending the hours of the day. Garden Designers all over the Country are now incorporating lighting into their designs early on, with Lumena’s help and guidance. During daytime, everything in an outdoor space is visible, whereas at night, outdoor lighting enable specific areas and focal points to be illuminated and other areas to completely disappear.



Image from Cornerstone Landscapes

## The 5 Types of Garden Lighting

There are 5 main types of Garden Lighting: Ornamental, Amenity, Task, Access and Security. Each of these can be broken up again into Lighting Effects. Many lighting designs will fall into a number of categories when they have multi-functionality which enables a matching finish or design to be continued throughout a garden setting.

**ORNAMENTAL:** features illuminated for visual appeal

**AMENITY:** safety and practicality

**TASK:** enabling specific tasks to be carried out

**ACCESS:** allows safe movement by illuminating main walkways, steps doors and water

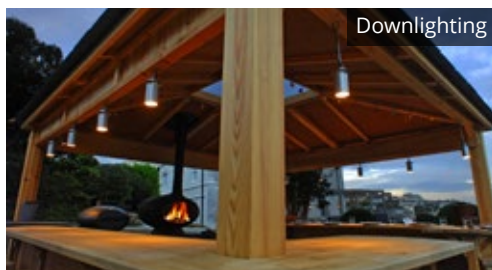
**SECURITY:** deterrent for intruders & reassures homeowners



Image from David Andersen Garden Design

### **Downlighting** *Ornamental / Task*

A pool of light in a downward direction from a structure to another surface / feature below. Most effective on items facing upwards.



### **Uplighting** *Ornamental*

The reverse effect of daylight – illuminating from below, directed at the surface / object, away from viewpoint.



### **Grazing** *Ornamental*

The illumination of a textured surface from an acute angle. Most commonly created from uplighting but can also be created from downlights.

### **Moonlighting** *Ornamental*

Low level lighting located in the upper section of a tree, creating shadowing of the branches below on the ground, bringing the grass / planting below into the feature.

### **Mirroring** *Ornamental*

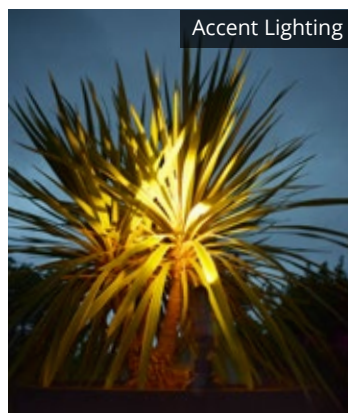
The use of accent lighting on the far side of water to create a reflection visible from a main viewing point

### **Washing** *Ornamental*

A wide beam covering a larger surface. Often used for wall washing, as well as washing hedges as a backdrop. Washing emphasises colour and creates atmosphere rather than accentuating texture (see grazing). Create from luminaires located below or above.

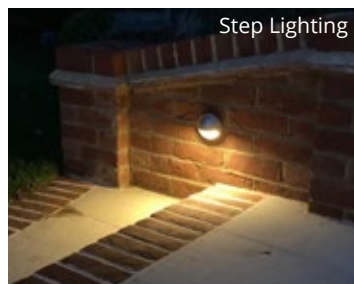
### **Accent Lighting & Spotlighting** *Ornamental*

The use of directional luminaires to illuminate focal points. The difference being accent lighting is positioned closer and spotlighting is further away.



### **Steplighting & Vista Lighting** *Ornamental / Access*

Illumination of steps for safe navigation. Often from the side with a downward projection (no glare) e.g. Eyelid, or if not possible, recessed into the steps themselves. The same Eyelid designs are great for protecting a vista (distant view).



### **Silhouetting** *Ornamental*

The illumination of a surface (background) behind an object to create a full silhouette of the featured object.



### **Spreadlighting** *Ornamental / Access*

Low level, glare free illumination to create a round pool of light. Designed for lighting pathways, steps and areas of low planting.

### **Backlighting / Halo Effect** *Ornamental*

To illuminate behind and to the side of an object, without a background surface. This creates a more subtle halo of light rather than a silhouette.

### **Shadowing** *Ornamental*

The illumination of an object / focal point from the front, projecting its shadow onto a wall / surface directly behind.

### **Area Lighting & Floodlighting** *Amenity / Security / Task*

General illumination of an area to enable full functionality e.g. safe navigation of a patio, eating areas etc. Downward projection recommended.

### **Crosslighting** *Ornamental*

A beam of light travelling across the front of an object created by placing the luminaire to the side. Great for creating texture. If some of the object is lost in shadow, a second, slightly less bright luminaire can be installed on the opposite side to infill the shadowed areas.

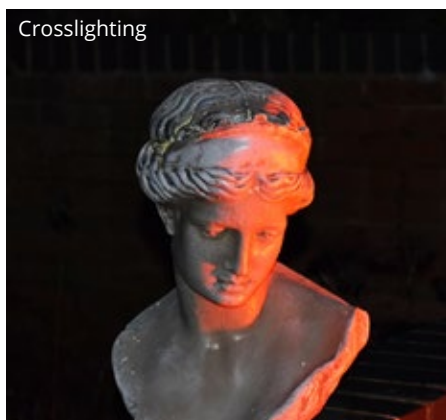




Image from Northumbrian Landscaping

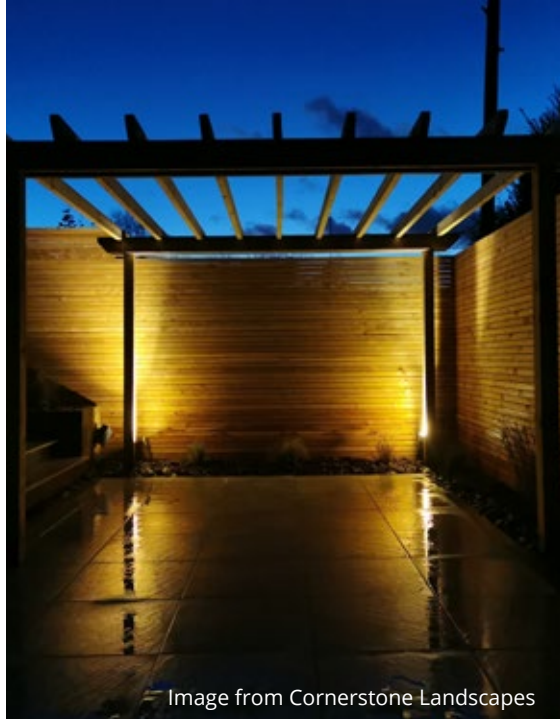


Image from Cornerstone Landscapes

# Outdoor & Garden Lighting

Lumena has been a leading supplier of professional garden lighting for many years. We work closely with Garden Designers, Landscapers and Contractors to ensure each project reaches its full potential with high quality, reliable luminaires for every application within garden design. Some trade professionals are fully equipped with knowledge when it comes to outdoor lighting, but for those who are new to this area, we will happily assist with garden plans, recommending luminaires to fulfil the selected function and style, as well as cabling and power.



Image from AJR Electrical

# Types of Light Fittings

## Garden Lighting



Image from Northumbrian Landscaping

Garden lights come in many forms, each having a specific function to fulfil. Some cross over into various types of lighting effects, others have one specific purpose. Many of Lumena's products are designed to be versatile. Our goal is to allow customers' creativity to flourish, without ideas being restricted to just pen and paper. Lumena stock a variety of designs in durable materials and exclusive finishes. Many designs are highly versatile, with adjustable tilt, rotation and endless output options. Our garden lighting is complete with a 2 year guarantee as standard with more premium designs benefitting from up to a 5 year guarantee (see p.116 for more guarantee info).

Our product designs continue to evolve based on customer feedback. The majority of our garden lights incorporate bulb holders rather than in-built LEDs which enable a more broad choice when it comes to colour temperature and light output.

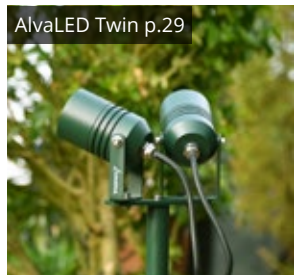
Our main garden lighting range is the Charleston Cobra Range; a selection of natural copper and solid brass fittings for all applications, covering spike lighting, step lighting, spread lighting and more! The majority of designs have interchangeable mounting options and accessories such as solid brass spikes, surface mounts, tree mounts and extension poles (p.54). The Charleston Cobra range is extremely popular with garden design projects in a more rural setting with complimentary timber structures.

Charleston Spreadlight p.49



We also stock many other exclusive designs, one of which is our contemporary AlvaLED spike lights and spot lights. Crafted from aluminium in various powder coated and anodised finishes, they are the "go to" design in spike lighting, in both single and twin, alongside matching wall lights.

AlvaLED Twin p.29



Accessories and upgrades, including bolts, ground spikes, lamps and lenses are supplied to provide ultimate freedom when installing. In the unlikely event of components getting damaged, spare parts are stocked for the vast majority of products. Spikes, lenses, screws and bases are available for a variety of finishes. Manufacturers guidelines should always be followed when installing outdoor light fittings. For example, all in-ground lights must have adequate drainage surrounding them by way of hardcore. This is particularly important in clay based soil beds.



## Decimina

Clear or Frosted Lens



Max  
20W

## Duomina

2 Way Directional Light



Max  
20W

## Trimina

3 Way Directional Light



Max  
35W

SKU		
Decimina	Duomina	Trimina
DEC60S-C-12P	DUO60S-12P	LTRIS-12P

Installation Hole Size		
Decimina	Duomina	Trimina
55mm	55mm	53mm



12V  
MR11

Low Voltage



# Decimax

## 316 Stainless Steel Recessed Light

## Recessed Lights



- 316 Marine Grade Stainless Steel
  - 90mm Bezel with 48mm Lens
  - Polycarbonate Mounting Sleeve
  - Installation Hole Size: 70mm
  - 0.75mm H05RN-F Rubber Cable 1.4m
- 12V 2 Core VERSA / 240V 3 Core Open End



Compatible with  
Dichroic Lenses (p.55)



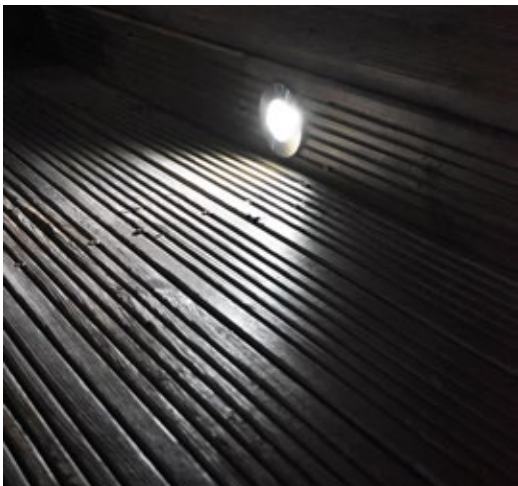
12v  
MR16



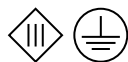
220-240v  
GU10

2 Voltages

SKU	
12V	240V
DEC90S-C-12P	DEC-S-C-240V



◀ Scan to view online



Solid Brass  
(Rustic Bronze Finish)

- Solid Brass, Natural Copper or 316 Marine Grade Stainless Steel
  - 88mm Bezel
  - Polycarbonate Mounting Sleeve
  - Installation Hole Size: 70mm
  - 180° Anti-Glare Beam
  - 0.75mm H05RN-F Rubber Cable 3m
- 12V 2 Core VERSA / 240V 3 Core



Rustic  
Bronze



Natural  
Copper



Stainless  
Steel 316



12v  
MR16



220-240v  
GU10

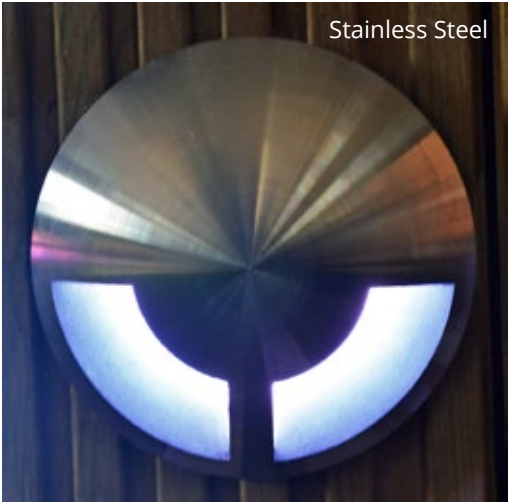
2 Voltages



SKU		
Finish	12V	240V
Rustic Bronze	LLDUOBR-12P	LLDUOBR-240V
Natural Copper	LLDUOCP-12P	LLDUOCP-240V
316 Stainless Steel	LLDUOSS-12P	LLDUOSS-240V

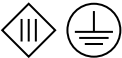


Natural Copper oxidises over time to create a mottled, verdigris effect



Stainless Steel





Solid Brass  
(Rustic Bronze Finish)

- Solid Brass, Natural Copper or 316 Marine Grade Stainless Steel
  - 88mm Bezel
  - Polycarbonate Mounting Sleeve
  - Installation Hole Size: 70mm
  - 360° Anti-Glare Beam
  - 0.75mm H05RN-F Rubber Cable 3m
- 12V 2 Core VERSA / 240V 3 Core



Rustic  
Bronze



Natural  
Copper



Stainless  
Steel 316



12v  
MR16



220-240v  
GU10

2 Voltages



SKU		
Finish	12V	240V
Rustic Bronze	LLQUADBR-12P	LLQUADBR-240V
Natural Copper	LLQUADCP-12P	LLQUADCP-240V
316 Stainless Steel	LLQUADSS-12P	LLQUADSS-240V



Natural Copper oxidises over time to create a mottled, verdigris effect



Stainless Steel

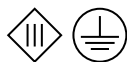


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Recessed  
Lights

Bricklights

Frosted Brass Bricklight



Rustic  
Bronze



Aged  
Silver

SKU		
Finish	12V	240V
Rustic Bronze	LCBR-BLF-12V	LCBR-BLF-240V
Aged Silver	LCBR-BLF-S-12V	LCBR-BLF-S-240V



12v  
2x G4



220-240v  
2x G9

2 Voltages

- Solid Brass Bezel & Back Box
- Rustic Bronze or Aged Silver Finish
- Installation Hole Size: 203mm x 56mm
- Replaces Standard House Brick
- Anti-Glare Frosted Lens
- 5x Cable Inlet Positions

Max  
30W  
Each

IP  
44

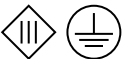


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# Bricklights

## Louvred Brass Bricklight

## Recessed Lights



Rustic  
Bronze



Aged  
Silver

- Solid Brass Bezel & Back Box
- Rustic Bronze or Aged Silver Finish
- Installation Hole Size: 203mm x 56mm
- Replaces Standard House Brick
- Downwards Anti-Glare Beam
- 5x Cable Inlet Positions

Max  
30W  
Each

IP  
44



SKU		
Finish	12V	240V
Rustic Bronze	LCBR-BLL-BR-12V	LCBR-BLL-BR-240V
Aged Silver	LCBR-BLL-S-12V	LCBR-BLL-S-240V



12V  
2x G4



220-240V  
2x G9

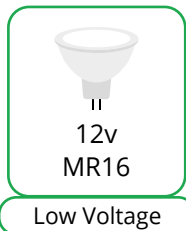
2 Voltages



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- Solid Brass (Rustic Bronze Finish)
  - 97mm Louvred Bezel (Anti Vandal)
  - Installation Hole Size: 69mm
  - 0.75mm H05RN-F Rubber Cable 5m
- 12V 2 Core VERSA



Fully Submersible  
into Water Features



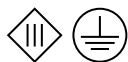
SKU
Guardlite
GUARD12P-B



# Monolite

## Brass Step Light

## Surface Mounted Step Lights



- Solid Brass (Rustic Bronze Finish)
- 88mm Diameter Bezel
- Slimline Anti-Glare Beam
- 0.75mm H05RN-F Rubber Cable 1.5m  
12V 2 Core VERSA / 240V 3 Core Open End



SKU	
12V	240V
MONO12P	MONO240V

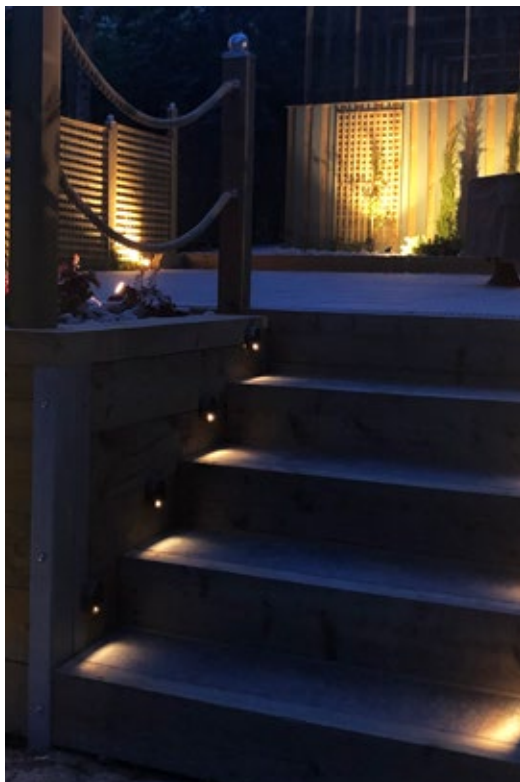


12v  
G4



220-240v  
G9

2 Voltages

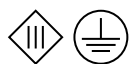


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# Surface Mounted Step Lights

## Eyelite

### Eyelid Step Light



- Solid Brass (Rustic Bronze or Aged Silver Finish)
- 96mm Diameter Bezel
- Downwards Anti-Glare Beam
- 0.75mm H05RN-F Rubber Cable 1.5m
- 12V 2 Core VERSA / 240V 3 Core Open End



Rustic Bronze



Aged Silver



Finish	SKU	
	12V	240V
Rustic Bronze	EYE12-P	EYE240
Aged Silver	EYE12P-S	EYE240-S

Aged Silver

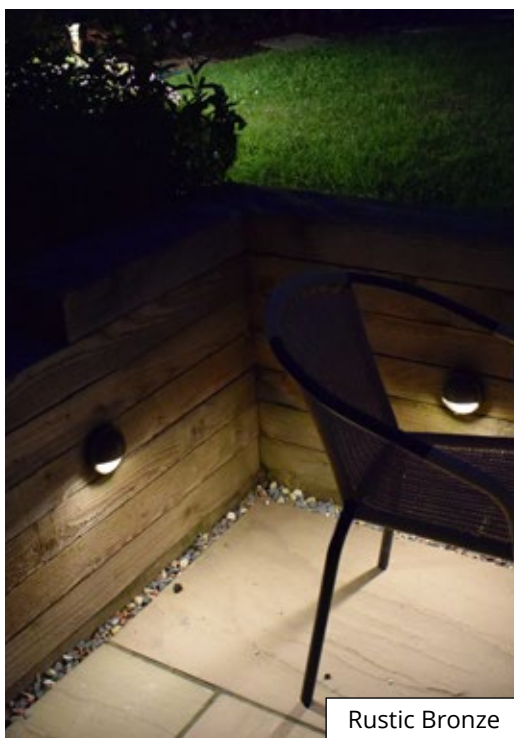


12V  
G4



220-240V  
G9

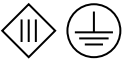
2 Voltages



Rustic Bronze



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Rustic Bronze



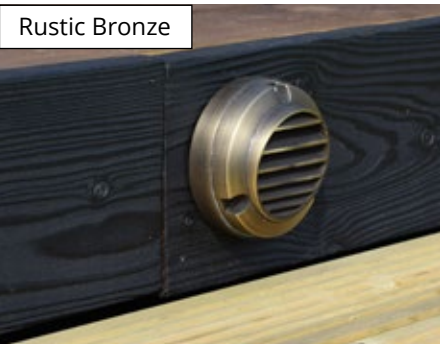
Aged Silver



- Solid Brass (Rustic Bronze or Aged Silver Finish)
  - 96mm Diameter Bezel
  - Downwards Anti-Glare Beam
  - 0.75mm H05RN-F Rubber Cable 1.5m
- 12V 2 Core VERSA / 240V 3 Core Open End



SKU		
Finish	12V	240V
Rustic Bronze	SLAT12-P	SLAT240
Aged Silver	SLAT12P-S	SLAT240-S



12v  
G4



220-240v  
G9

2 Voltages



Aged Silver





- 5 Finishes in Aluminium or 316 Marine Grade Stainless Steel
- Spike Mount or Surface Mount
- Adjustable Over 180° (Vertical)
- 0.75mm H05RN-F Rubber Cable 0.5m-2m
- 12V 2 Core VERSA / 240V 3 Core Open End
- Matching Twin-Spike & Wall Light (p.44)



Surface mount to solid surfaces

- Black (Powder Coated)
- Cocoa (Anodised)
- Green (Powder Coated)
- Titanium (Anodised)
- Stainless Steel 316

SKU						
Lamp	Cable Length	Black	Cocoa	Green	Titanium	S. Steel
MR16	1.5m - 2m	ALVAMR16B	ALVAMR16C	ALVAMR16G	ALVAMR16T	ALVAMR16S
GU10	1m - 1.5m	ALVAGU10B	ALVAGU10C	ALVAGU10G	ALVAGU10T	ALVAGU10S
LED 3000K	0.5m	ALVA3000B-240V	ALVA3000C-240V	N/A	ALVA3000T-240V	N/A
LED 6500K	0.5m	ALVA6500B-240V	ALVA6500C-240V	N/A	ALVA6500T-240V	N/A

12v  
MR16

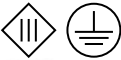
220-240v  
GU10

6W 220-240v  
Built-in LED

2 Voltages



### Spike Spotlight - Twin



- 5 Finishes in Aluminium or 316 Marine Grade Stainless Steel
- Spike Mount or Surface Mount
- Adjustable Vertically Over 180°
- 0.75mm H05RN-F Rubber Cable 0.5m-2m  
12V 2 Core VERSA / 240V 3 Core Open End
- Single Option Available



Spotlights also fix onto underside



Stainless Steel 316



Titanium (Anodised)



Black (Powder Coated)



Cocoa (Anodised)



Green (Powder Coated)

SKU						
Lamp	Cable Length	Black	Cocoa	Green	S. Steel	Titanium
MR16	1.5m - 2m	ALVAMR16B-TWIN	ALVAMR16C-TWIN	ALVAMR16G-TWIN	ALVAMR16S-TWIN	ALVAMR16T-TWIN
GU10	1m - 1.5m	ALVAGU10B-TWIN	ALVAGU10C-TWIN	ALVAGU10G-TWIN	ALVAGU10S-TWIN	ALVAGU10T-TWIN
LED 3000K	0.5m	ALVA3000-TWIN	ALVA3000C-TWIN	N/A	N/A	ALVA3000T-TWIN
LED 6500K	0.5m	ALVA6500B-TWIN	ALVA6500C-TWIN	N/A	N/A	ALVA6500T-TWIN



12v  
MR16



220-240v  
GU10



6W 220-240v  
Built-in LED

2 Voltages



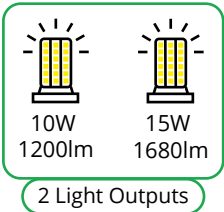
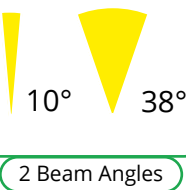
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# AlvaLED

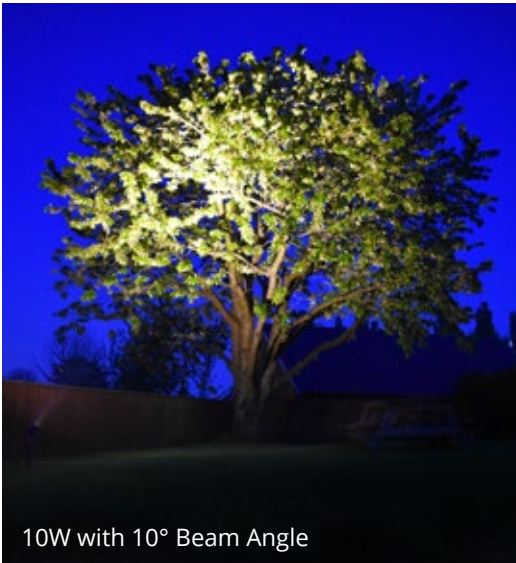
## 240V In-Built LED Spotlight

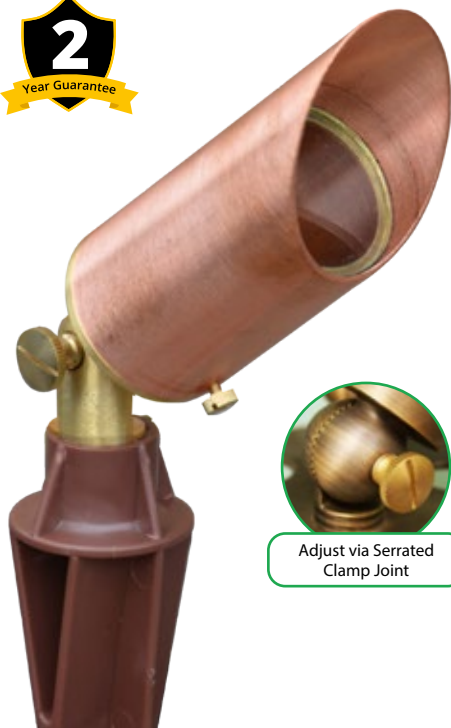


- Powder Coated Aluminium (Black)
- 350mm Spike Mount or Surface Mount
- Adjustable Over 180° (Vertical)
- In-Built LED - Warm White 3000K
- 2 Outputs up to 1680lm
- LED Expected Life up to 30,000 hours
- 3\*1mm H07RN-F Rubber Cable 0.9m



SKU		
Beam Angle	10W	15W
10°	ALVA10W-10B	ALVA15W-10B
38°	ALVA10W-38B	ALVA15W-38B





Adjust via Serrated  
Clamp Joint

Mount Sold Separately

SKU	
12V	240V
LCBR-AST12P	LCBR-AST40V



- Natural Copper & Natural Brass
- 10+ Mounting Options (p.54)
- Adjustable Over 180°
- 0.75mm H05RN-F Rubber Cable 5m
- 12V 2 Core VERSA / 240V 3 Core Open End
- Anti-Glare Shield



12v  
MR16



220-240v  
GU10

2 Voltages

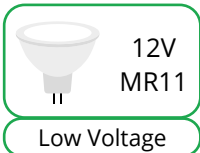


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Adjustable hood  
controls beam angle

- Solid Brass (Rustic Bronze Finish)
- 10+ Mounting Options (p.54)
- Adjustable Over 180°
- Adjustable Glare Shield
- 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (Approx 5m)



Mount Sold Separately

SKU  
Minilite

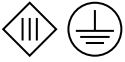
LCBR-MLB12P



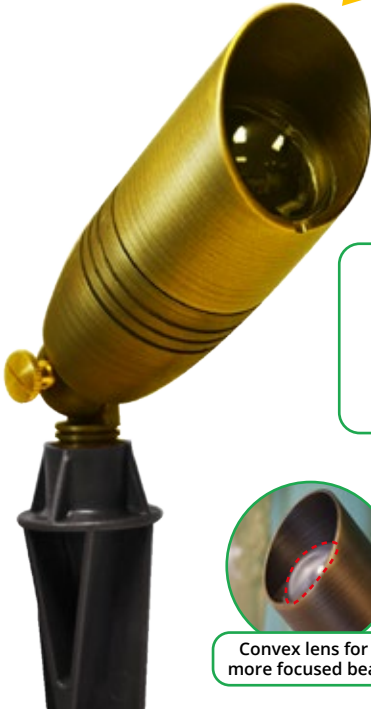
# Director

## Brass Spotlight

## Spotlights & Spikelights



- Solid Brass (Rustic Bronze Finish)
  - 10+ Mounting Options (p.54)
  - Adjustable Over 180°
  - 0.75mm H05RN-F Rubber Cable 5m
- 12V 2 Core VERSA / 240V 3 Core Open End
- Multiple Spotlight Kit Available (p.34/35)

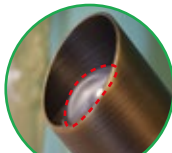


12v  
MR16



220-240v  
GU10

2 Voltages



Convex lens for a  
more focused beam

Mount Sold Separately

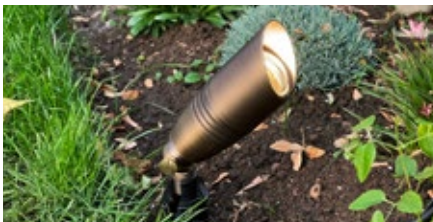
SKU

12V

240V

LCBR-DUB12P

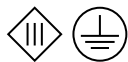
LCBR-DUB-240V



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# Carousel Mini

## Brass Spotlight Kit



- Solid Brass (Rustic Bronze Finish)
- Polycarbonate 4 Fin Spike Included
- Adjustable Over 180° Vertical
- 100mm Riser Pole
- 0.75mm H05RN-F Rubber Cable 5m
- 12V 2 Core VERSA / 240V 3 Core Open End
- Use with up to 4 Spotlights.
- Single Option Available (p.33)



Max  
50W  
Each



Supports up to 4  
Spotlights



12v  
MR16



220-240v  
GU10

2 Voltages



SKU			
Voltage	2 Spotlights	3 Spotlights	4 Spotlights
12V	LCBR-CSM-12P	LCBR-CSM-12P / LCBR-DUB12P	LCBR-CSM-12P / LCBR-DUB12P +2
220-240V	LCBR-MCS-240V	LCBR-MCS-240V / LCBR-DUB-240V	LCBR-MCS-240V / LCBR-DUB-240V +2

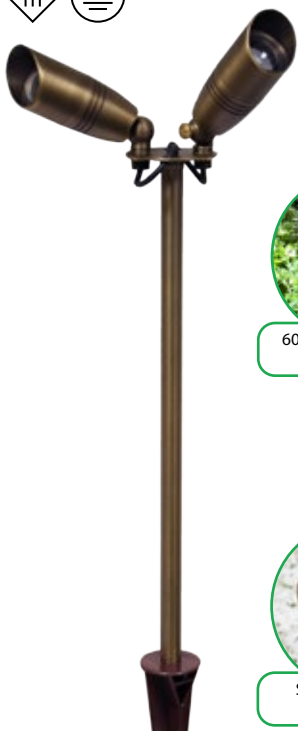
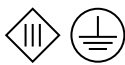


Scan to view online ►

# Carousel

## Brass Spotlight Kit

## Spotlights & Spikelights



600mm pole to clear plants & foliage

- Solid Brass (Rustic Bronze Finish)
- Polycarbonate 4 Fin Spike Included
- Adjustable Over 180° Vertical
- 600mm Riser Pole
- 0.75mm H05RN-F Rubber Cable 5m
- 12V 2 Core VERSA / 240V 3 Core Open End
- Use with up to 4 Spotlights.
- Single Option Available (p.33)



Supports up to 4 Spotlights



12v  
MR16



220-240v  
GU10

2 Voltages



SKU			
Voltage	2 Spotlights	3 Spotlights	4 Spotlights
12V	LCBR-CS-12V	LCBR-CS-12V / LCBR-DUB12P	LCBR-CS-12V / LCBR-DUB12P +2
220-240V	LCBR-CS-240V	LCBR-CS-240V / LCBR-DUB-240V	LCBR-CS-240V / LCBR-DUB-240V +2



◀ Scan to view online



Compact design for small garden features



12v  
G4

Low Voltage

Mount Sold Separately

SKU

Mini Floodlight

LCBR-FLF



- Solid Brass (Rustic Bronze Finish)
- 10+ Mounting Options (p.54)
- Adjustable Over 180°
- Frosted Lens with Anti-Glare Shield
- 0.75mm H05RN-F 2 Core Rubber Cable Open Ended (Approx 1.3m)
- Larger Option Available (Maxi-Flood)



Scan to view online ►

# Maxi-Flood

## Floodlights

### Brass Floodlight



- Solid Brass (Rustic Bronze Finish)
- 10+ Mounting Options (p.54)
- Adjustable Over 120°
- Frosted Lens with Anti-Glare Shield
- 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (Approx 1.3m)
- Smaller Option Available (Mini Floodlight)

Suitable  
for 5W  
Lamps



High Lumens Lamp  
SKU: LG4-5W

Max  
50W

IP  
54



12V  
G4

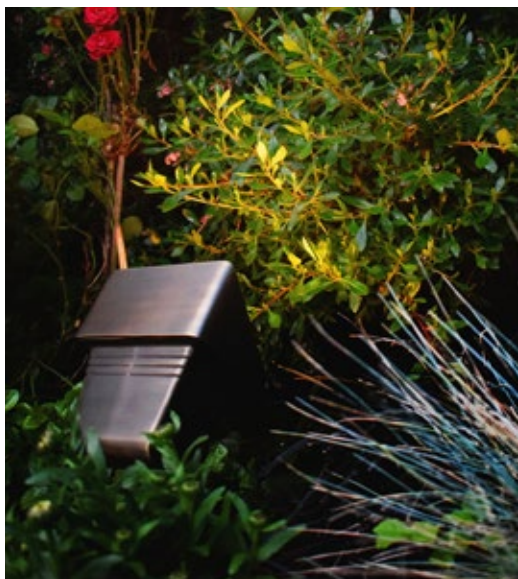
Low Voltage

Mount Sold Separately

SKU

Maxi-Flood

LCBR-MFL12P-F



◀ Scan to view online

# ParFlood 38

PAR38 Floodlight



Lens hood minimises light pollution



- Aluminium (Black)
  - Surface Mounted
  - Adjustable Head with Anti-Glare Shield
  - 0.75mm H05RN-F Rubber Cable 5m
- 240V 3 Core Open End



240V  
PAR38

Mains Voltage

SKU

Surface Mount

LPF38-SM



# Nautilus

Stainless Steel Underwater Light

Submersible  
Spotlights



- Marine Grade 316 Stainless Steel
- 90mm Front Bezel with 60mm Clear Lens
- Free-Standing or Surface Mount
- Adjustable Over 180°
- 0.75mm H05RN-F 2 Core Rubber Cable  
VERSA Plug & Play (Approx 1.5m)



12V  
MR16

Low Voltage



Longer screw slots  
for adjusting position

SKU

Nautilus

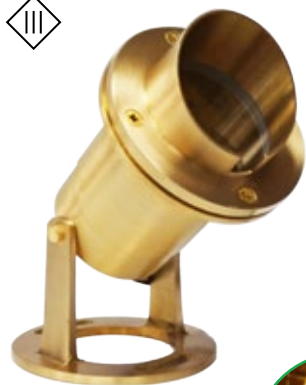
NAUSS-12P



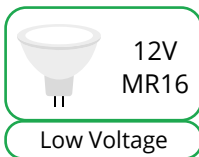
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# Nautilus

## Large Brass Underwater Spotlight



- Solid Brass (Polished)
- Free-Standing or Surface Mount
- Adjustable Over 180°
- Anti-Glare Shield
- 0.75mm H05RN-F 2 Core Rubber Cable  
VERSA Plug & Play (5m)



Lens hood creates  
focused beam



SKU

Nautilus

LCBR-NAUB



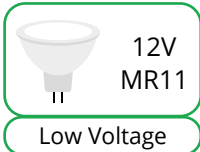
# Argonaut

## Mini Brass Underwater Spotlight

## Submersible Spotlights

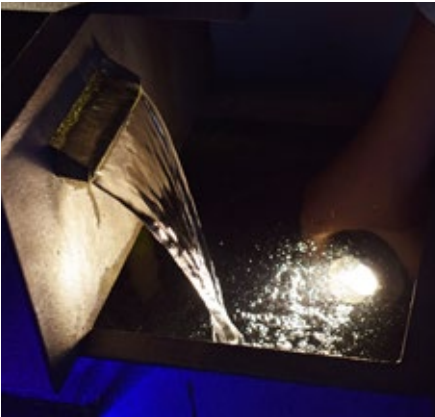


- Solid Brass (Rustic Bronze)
  - Free-Standing or Surface Mount
  - Adjustable Over 180°
  - Anti-Glare Shield
  - 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (5m)

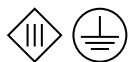


Compact design  
80x80x110mm

SKU
Argonaut
LCBR-ARG



◀ Scan to view online



Natural  
Copper



316 Marine Grade  
Stainless Steel

- Natural Copper or 316 Marine Grade Stainless Steel
- Easy Surface Mounting
- Uplight & Downlight Effect
- Slimline Design



12V  
2 x MR16



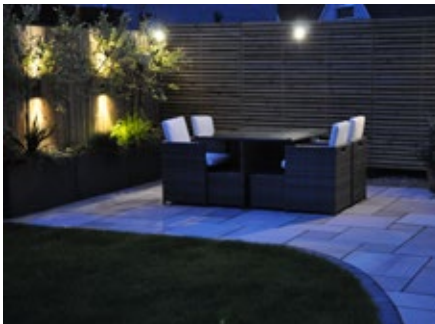
220-240V  
2 x GU10

2 Voltages

Max  
35W  
Each

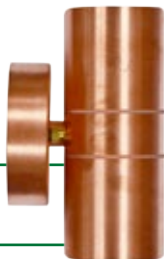


SKU		
Material	12V	240V
Natural Copper	LTW16CP	LTW10CP
(Upgraded compact design coming soon)		
316 Stainless Steel	LTW16S	LTW10S





Upgraded  
compact design  
arriving soon



Rustic  
Bronze



Natural  
Copper

- Solid Brass (Rustic Bronze Finish)
- Stainless Steel
- Easy Surface Mounting
- Uplight & Downlight Effect
- Compact Design



12V  
2 x MR16



220-240V  
2 x GU10

2 Voltages

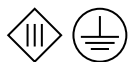
Max  
35W  
Each

IP  
65

SKU		
Material	12V	240V
Solid Brass	LTW16BR	LTW10BR
Natural Copper	LTW16CP	LTW10CP



◀ Scan to view online



Rotate up to  
360°

- Aluminium (Powder Coated / Anodised)
- 90° Downwards Tilt
- Up to 360° Rotation
- Easy Surface Mounting
- Matching Spike Lights - AlvaLED (p.28)
- Compatible with Dichroic Lenses (p.55)



12V  
MR16



220-240V  
GU10

2 Voltages

Max  
20W



IP  
65

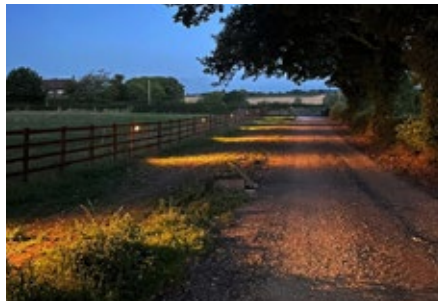


Black  
(Powder Coated)



Titanium  
(Anodised)

SKU		
Finish	12V	240V
Black	ALVSP16B	ALVSP10B
Titanium	ALVSP16T	ALVSP10T



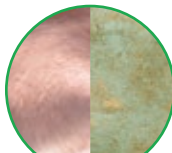
# Swanage

## Traditional Copper Wall Light

## Wall Lights



- Natural Copper
- Height: 40cm
- Traditional, Decorative Wall Light
- 4mm Thick Glass Diffuser
- Surface Mounted with Rear Cable Entry



Forms natural  
copper verdigris



240V  
ES/E27

Mains Voltage

Max  
60W

IP  
54

SKU

Swanage

LSWAN45CP



◀ Scan to view online



- Solid Brass (Rustic Bronze Finish)
- Height: 29cm
- Traditional, Decorative Wall Light
- 2mm Thick Glass Diffuser
- Surface Mounted with Rear Cable Entry



Pair with matching  
Rustic Bronze lights



240V  
ES/E27

Mains Voltage

Max  
60W

IP  
54

SKU

Fisherman

LFSH-B



Scan to view online ►

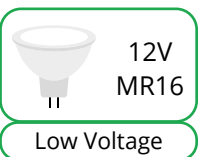
# Starlight

## Decorative Hanging Light

## Hanging Lights



- Solid Brass (Rustic Bronze Finish) or Natural Copper
  - Optional 30cm Brass Hanging Chain
  - 360° Illumination & Downlight
  - 0.75mm H05RN-F Rubber Cable 1.5m
- 12V 2 Core VERSA

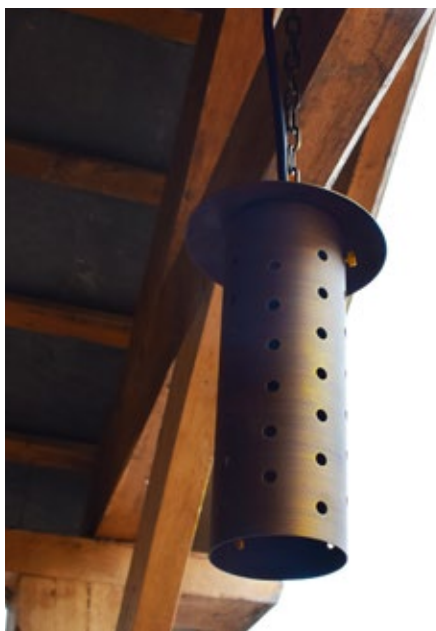


Rustic Bronze

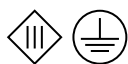


Natural Copper

SKU	
Brass	Copper
LSTRBR-12P	LSTRCP-12P



◀ Scan to view online



Satin Silver  
(Aluminium)



Compatible with  
Dichroic Lenses (p.55)



Earth Brown  
(Aluminium)



Natural Copper

- Aluminium or Natural Copper
  - Chain Available: 30cm or 50cm
  - Glass Diffuser
  - 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (4.5m)



SKU		
Finish	12V	240V
Satin Silver	LPRGSV-12V	LPRGSV-240V
Earth Brown	LPRGBN-12V	LPRGBN-240V
Natural Copper	LPRGCP-12P	LPRGCP-240V



12V  
MR16



220-240V  
GU10

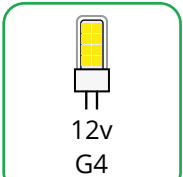
2 Voltages



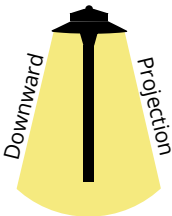
# Charleston Spreadlight

Brass Spreadlight

Spreadlights



Low Voltage



Mount Sold Separately

SKU

Charleston Spreadlight

LCBR-SPBP

- Solid Brass (Rustic Bronze Finish)
  - Various Mounting Options (p.54)
  - Height: 540mm
  - 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (Approx 4.5m)

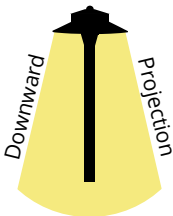


◀ Scan to view online



12v  
G4

Low Voltage



Mount Sold Separately

SKU

Charleston Coolie

LCBR-SP2BP

- Solid Brass (Rustic Bronze Finish)
  - Various Mounting Options (p.54)
  - Height: 535mm
  - 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (Approx 4.5m)



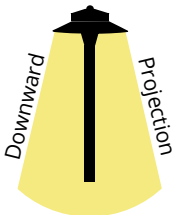
# Mini Walkway Light

Small Brass Spreadlight

Spreadlights



Low Voltage



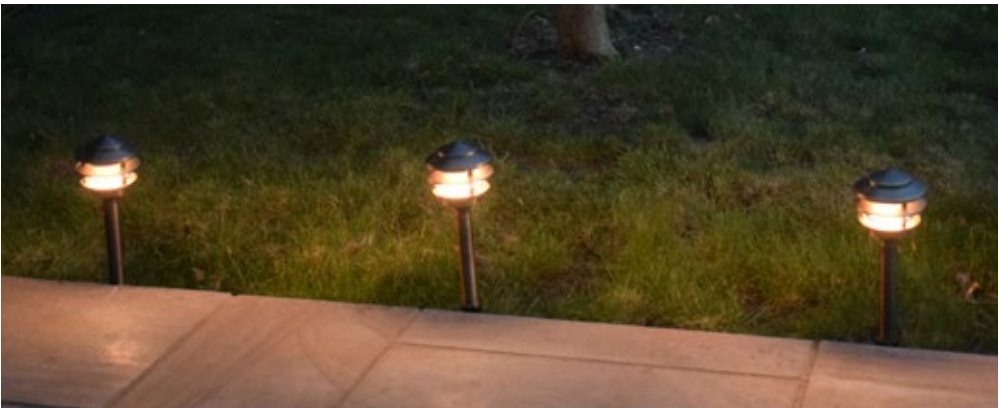
Mount Sold Separately

SKU

Charleston Mini Walkway Light

LCBR-MWL-12P

- Solid Brass (Rustic Bronze Finish)
  - Various Mounting Options (p.54)
  - Height: 270mm
  - Opal Diffuser
  - 0.75mm H05RN-F 2 Core Rubber Cable
- VERSA Plug & Play (Approx 1.3m)



◀ Scan to view online

# 12V Solar Lighting System

# Durasol

## All-In-One 12V DC Solar System



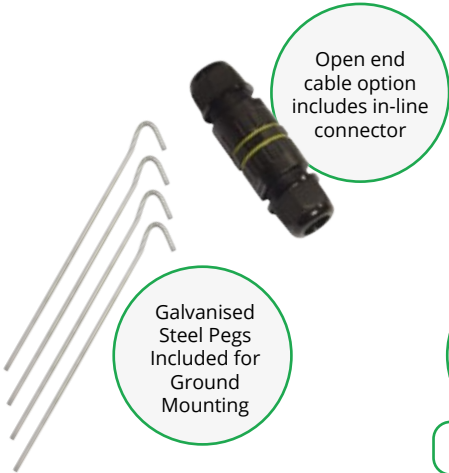
Sturdy A-Frame Design



- 304 Stainless Steel, 6053 Aluminium & Tempered Glass
- Ground Mount or Wall Mount
- 12V DC Output
- Maximum 30W
- 540mm x 510mm x 25mm Solar Panel
- Remote Control
- 0.75mm H05RN-F Rubber Cable 2 Core 3m (VERSA) or 0.25m Open End Cable



SKU		
Mounting	Open End Cable	Plug & Play Cable
Ground	DURASOL50-12V	DURASOL50-12P
Wall	DURASOL50-12V+DURA-BR	DURASOL50-12P+DURA-BR



Surface mount to fences and walls

# Durasol

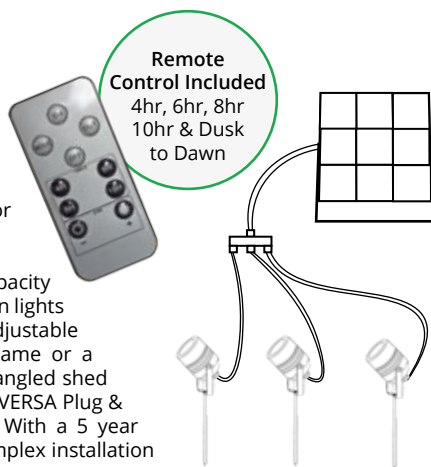
## All-In-One 12V DC Solar System

## 12V Solar Lighting System

### How does it work?

Power-up your Versa 12V garden lighting with solar - a free-to-run, cleaner alternative to a 12V transformer supply. The Durasol all-in-one solar kit is an all-year-round, rechargeable power source for all of Lumena's 12V outdoor lighting when used with 12v DC LED lamps.

Due to the large surface area of the panel and high capacity LiFePO4 battery, the off-grid unit powers up to 30W of garden lights for up to 12 hrs with as little as 4 hrs charging time. The adjustable panel is supplied with either a sturdy, free standing A-frame or a surface mount bracket for mounting onto walls, fences or angled shed roofs. Position the solar panel in a sunny spot and use our VERSA Plug & Play cables & splitters to connect multiple garden lights. With a 5 year guarantee, this innovative 12V solar system will save on complex installation costs and running costs for many years to come.



◀ Scan to view online

# Charleston Mounts

## Charleston Cobra Range

### Extension Poles

Solid Brass

Aluminium



450mm  
to  
750mm

SKU: LCBR-STEM



300mm

SKU: LCBR300RA

### CHARLESTON RANGE

Lumena's Charleston spotlights, floodlights and spreadlights use identical thread stems.

The mounting option supplied can therefore be swapped, to allow any light to fix to any surface.

**Charleston**  
Modular Mounting



### Wall Mount

Solid Brass



SKU: LCBR-WMB

### Tree / Wall Bracket

Solid Brass



SKU: LCBR-TRBR

### Surface Mount Base

Solid Brass



SKU: LCBR-MNTB

### Ground Spikes

Polycarbonate or Solid Brass

SKU: LCBR-SPK50



SKU: LCBR-SPK50P

(For VERSA Plug & Play Lights)



SKU: LCBR-SPKBP



### Tree Mount & Strap

Aluminium



SKU: LCBR-TS



# Lenses & Filters

## Coloured and Anti-Glare Filters

### 50mm Coloured Dichroic Glass Lenses



Purple  
SKU: LLDCLP



Red  
SKU: LLDCLR



Orange  
SKU: LLDCLOR



Yellow  
SKU: LLDCLY



Green  
SKU: LLDCLG



Moonlight  
SKU: LLDCLM



Blue  
SKU: LLDCLB



Spring Clip  
SKU: LLSC50



Emphasise foliage with green lenses

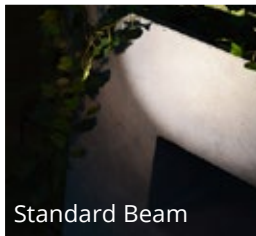
### 50mm Anti-Glare Diffusers & Filters



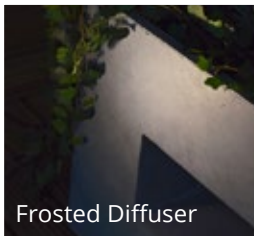
Honeycomb  
SKU: LHC50F



Frosted  
SKU: LLDCLF



Standard Beam



Frosted Diffuser

Anti-Glare Filters reduce glare & create softer edges



◀ Scan to view online

Lumena stock lamps for all Lumena fittings. With multiple colour temperatures & outputs available, you can choose the correct lamp for the effect you desire. Scan the QR code to learn more.

12V G4



12V MR11



12V MR16



240V G9



240V GU10



240V ES/E27



240V Photocell Lamp  
ES/E27 or BC/B22



240V PAR38



240V SES/E14



# VERSA Accessories

12V Plug & Play System

Garden  
Lighting  
Installation

## Transformers



SKU	
Wattage	SKU
10W	LTR10
20W	LTR20
50W	LTR50
100W	LTR100

## 2 Pin Output Cable (Male to Open Ended)



SKU	
Length	SKU
1m	LCONC1
3m	LCONC3
5m	LCONC5

## 2 Pin Output Cable (Male to Male)



SKU	
Length	SKU
1m	LTROC1
3m	LTROC3
5m	LTROC5

## In-line Connector Female to Female (10cm)



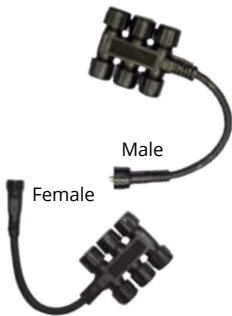
SKU
In-line Connector
LVCONFF



## 3 Way Splitter (3x Female Output)



SKU
3 Way Splitter
LVCON3

## 6 Way Splitter (6x Female Output)



SKU	
Connector Type	SKU
 Male	L6WAY
 Female	L6WAY-F



◀ Scan to view online

### Photocell (Dusk to Dawn)



Lens colour may vary

PC

SKU

Voltage	SKU
12V	LWPC12
240V	LWPC240



PC

SKU

Voltage	SKU
12V	LWPC12
240V	LWPC240



PIR

SKU

Voltage	SKU
12V	LPR12V-BX
240V	LPR240V-BX

### Junction Boxes & Connectors

Various Sizes of Junction Box Available



Eazylink  
12V  
Wiring

12v 2 Core Rubber Cable



Reels:  
10m, 25m,  
50m &  
100m

0.75mm<sup>2</sup>  
1.5mm<sup>2</sup>  
2.5mm<sup>2</sup>

Tubecon  
Inline Connector  
(3 Terminal)



SKU

For 0.75mm Cable

TUBECON37

Heatshrink Kit  
10cm Sleeving &  
2X Butt Splice



SKU

Cable Size	SKU
0.5-1.5mm	HSCK158
1.5-2.5mm	HSCK2512

### More Accessories Online...



Scan to view online ▶



Light Symphony is a versatile wireless control system, compatible with all types of garden lighting and outdoor electrical devices. Have full control over your outdoor lighting with various automated and manual remote control options; from standard keyfob control to driveway beam sensors, and even global Smartphone Control. Cover areas up to 5km, including through walls, with up to 9 grouped zones (29 areas). Automated controls and the Smartphone app are great energy saving options whilst adding security to your residence 365 nights per year.

- ✓ Simple setup 'Starter Kits' available
- ✓ Powers 240V & 12V
- ✓ Control up to 9 zones
- ✓ Automated & manual control options
- ✓ Alexa & Google ready
- ✓ Free downloadable iSymphony App

### Manual Controls



Key Fob



Long Range Remote



Wireless Switch Module



App

### Automation



PIR Motion Sensor



Driveway Beam Sensor



Electric Gate Interface



Smart Timer

2 or 4 Zone Keyfob Control



### SIMPLE STARTER KITS

1, 2, or 4 Channel Module + Control

Official  
Distributor  
& Stockist

Smartphone Control



◀ Scan to view online

# 240V Bollard Lights

Aluminium, 316 Stainless Steel & Timber

Path lights and bollard lights play a key part in outdoor lighting, marking access routes and walkways, providing security, and holding ornamental value too. As of 2023, Lumena stock over 250 variations of illuminated bollards with more continually being added to the range.

With many heights and designs available, they are suited to a variety of locations including garden paths, front driveways, and public areas such as car parks. Most of the path lights accommodate replaceable ES/E27 LED lamps in an array of wattages, lumens and colour temperatures. Other designs such as the Boleda Range (p.77) contain high specification built-in LEDs with a lifespan of 50,000 hours and a 5 year guarantee.



## IK Ratings

Our commercial bollard lights are designed to be vandal resistant and made from durable, robust materials. For this reason, many have undergone IK testing. IK ratings identify the level of force an enclosure for electrical can withstand. These range from 1-10 (with 10 being the highest). IK10 can withstand a 20 joule impact.



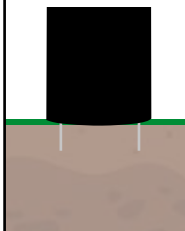
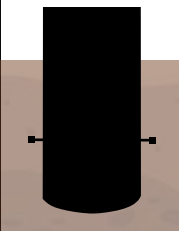
## Photocell (Dusk to Dawn) Sensors

Lumena specialise in dusk to dawn lighting and offer many designs with a built in photocell for automated lighting. The ultimate solution to security lighting, automatically turning on at dusk and off again at dawn.



## Surface Mounting vs Root Mounting

The two main mounting options for path lighting is surface & root mounting. Surface mounting can be via internal or external bases. In addition, they are often compatible with other mounting accessories such as ground spikes, anchor bolts, J-bolts & support mounts.

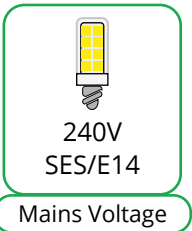
Surface Mount	Root Mount
	
Surface mounted bollards (AKA flange mounted) are fixed with the tube's base above ground.  The base is then secured with anchor bolts, coach bolts or similar to any flat, solid surface.	Root mounted bollards (AKA in-ground mounted) are fixed by submerging 300-400mm of the tube into the ground, usually into wet concrete.  This technique is more secure, so advised for public areas.



# Tectona

## Timber & Brass Path Light

### Low-Level Path Lights



- 'Tectona Grandis' Teak Wood
- Polished Brass Louvres & Mounting Base
- Frosted Polycarbonate Lens
- Surface Mounted
- Height: 0.7m
- Diameter: 80mm
- Internal Junction Box at Base of Tube



SKU
Tectona
LTEC700



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Black (Powder Coated)



Cocoa (Anodised)



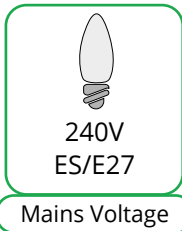
Titanium (Anodised)



400mm Spike Included



- Anodised or Powder Coated Aluminium
- Surface Mount or Spike Mount
- Height: 0.6m
- Anti-Glare Opal Diffuser
- Internal Junction Box



SKU	
Finish	Smartpost
Black	SP600ESB-240V
Cocoa	SP600ESC-240V
Titanium	SP600EST-240V



## Louvred Path Light



0.9m Height



Automate with  
our 9W photocell  
(dusk to dawn)  
LED bulb  
(p.81)



0.6m Height



Black



White

- Powder Coated Aluminium
- 2 Finishes - Black or White
- Surface Mounted (External)
- Height: 0.6m or 0.9m
- Internal Junction Box



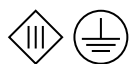
240V  
ES/E27



Mains Voltage

SKU		
Finish	0.6m	0.9m
Black	DOM600B	DOM900B
White	DOM600W	DOM900W





Airlite Stream (90mm Diameter)



Airlite Standard (108mm Diameter)



- Anodised Aluminium / Solid Resin Head
- Surface Mounted (External)
- Height: 0.4m or 0.6m
- 3D Bubble Effect Head
- 3m Cable (12V), Internal Junction Box (240V)



SKU				
Power	0.4m Airlite Standard	0.6m Airlite Standard	0.4m Airlite Stream	0.6m Airlite Stream
12V	AIR400-12P	AIR600-12P	AIR400S-12P	AIR600S-12P
240V	AIR400	AIR600	AIR400S	AIR600S
12V (Photocell)	AIR400-PC-12P	AIR600-PC-12P	N/A	N/A
240V (Photocell)	AIR400-PC	AIR600-PC	N/A	N/A

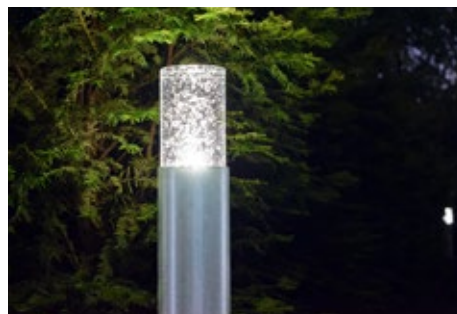


12v  
MR16



220-240v  
GU10

2 Voltages



# Pathos 316

Stainless Steel  
Bollard Lights

## 316 Stainless Steel Path Light



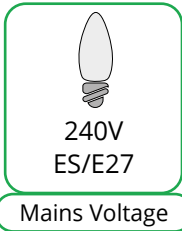
0.6m (with Photocell)



0.8m (No Sensor)



- Marine Grade 316 Stainless Steel
- Photocell (Dusk 'til Dawn) Option
- Internal Surface Mount (Adjustable)
- Height: 0.6m or 0.8m
- Internal Junction Box



Mounting base adjusts  
for uneven terrain

SKU		
Sensor	0.6m	0.8m
No Sensor	PATH316-600	PATH316-800
Photocell	PATH316-600PC	PATH316-800PC



◀ Scan to view online

# Stelled

## Commercial 316 Stainless Steel Bollard Light



Recommended  
for use with our  
20W LED Corn  
Bulb



240V  
ES/E27

Mains Voltage

- Marine Grade 316 Stainless Steel
- Tube Thickness: 3mm
- Surface Mount or Root Mount
- Height: 0.8m
- Diameter: 120mm
- Suitable for 15W & 20W Corn Bulbs



SKU	
Mounting	Stelled
Surface Mount	LSTEL80
Root Mount	LSTEL80-RM

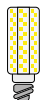
Contact us for alternative heights



## 316 Stainless Steel Bollard Light



Arriving  
Summer 2023



240V  
ES/E27



240V  
In-built LED  
(Enquire today)

2 Lamp  
Options

- Marine Grade 316 Stainless Steel
- Tube Thickness: 2mm
- Surface Mount or Root Mount
- Height: 0.8m or 1m
- Diameter: 140mm
- Suitable for 15W & 20W Corn Bulbs



UK Registered Design

### SKU (Replacable ES/E27 Lamp)

Mounting	No Sensor	Photocell	PIR
0.8m Surface Mount	MAR80SM	MAR80SM-PC	N/A
1m Surface Mount	MAR100SM	MAR100SM-PC	MAR100SM-PIR
1m Root Mount	MAR100RM	MAR100RM-PC	N/A



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# Radiata Range

## Radiata Pine Timber Lighting

The 'Radiata' path light range is created with sustainably sourced solid Radiata Pine timber. These stylish wooden path lights are sleeper and post designs, built to withstand all weather and heavy duty in structure.

### Radiata Pine Timber

As a natural material, it is common for checking (cracking) in the wood to appear due to uneven shrinkage as the wood dries out. The preservative treatment helps to increase the moisture level, therefore reducing cracking. The best time of year for external installs of wooden posts is between October and March because the sun is less intense, reducing the risk of rapid drying. Not recommended to install in waterlogged areas as this can damage the wood.



Radiata Post p.70



Radiata Sleeper p.69

### Pressure Treatment

During pressure treatment, the entire timber is penetrated by the latest generation wood preservative. Tanalith E preservative treatment is used in accordance with BS8417 to meet Use Class 4. This particular wood is well-known for its low splitting properties with no feathering. Sourced and CNC machined by a top FSC certified timber supplier, the Radiata pine is suitable for most climates, whether the environment is hot or damp. They are fully sanded with chamfered edges, creating a smooth, classic finish.

### Sustainable Timber meets Solar Technology



The Radiata Range and the Pro Solar Range have been combined to create the ultimate environmentally-friendly outdoor bollard light. Our Edisol solar path light is now available within a heavy duty timber post, in either black or silver finish, and with a warm or daylight LED filament lamp.

No wiring is required, simply sink the 200mm diameter wooden post in ground, turn on, and wait for night!

With a rustic yet contemporary feel, the Radiata Edisol are well-suited to rural areas such as parks, walkways, hospitality venues and areas where a cabled luminaire is not an option.

**More info on Page 97**



# Radiata Post

Timber  
Path Lights

## Timber Post Light



UK Registered Design

- Solid Brass & Radiata Timber
- 2 Designs: Eyelite or Slatlite
- 2 Finishes: Rustic Bronze or Aged Silver
- In-Ground Mounted (Bury 300-400mm)
- Height: up to 0.9m Above Ground
- 12V / 240V Options



### SKU

#### 0.9m Post Height (0.6m Above Ground)

SKU Prefix: **LRAD90-**

E.g. **LRAD90-EYE-12V**

Voltage	Eyelite	Eyelite	Slatlite	Slatlite
	Rustic Bronze	Aged Silver	Rustic Bronze	Aged Silver
12V	<b>EYE-12V</b>	<b>EYES-12V</b>	<b>SLAT-12V</b>	<b>SLATS-12V</b>
240V	<b>EYE-240V</b>	<b>EYES-240V</b>	<b>SLAT-240V</b>	<b>SLATS-240V</b>

#### 1.2m Post Height (0.9m Above Ground)

SKU Prefix: **LRAD120-**

E.g. **LRAD120-EYE-12V**

Voltage	Eyelite	Eyelite	Slatlite	Slatlite
	Rustic Bronze	Aged Silver	Rustic Bronze	Aged Silver
12V	<b>EYE-12V</b>	<b>EYES-12V</b>	<b>SLAT-12V</b>	<b>SLATS-12V</b>
240V	<b>EYE-240V</b>	<b>EYES-240V</b>	<b>SLAT-240V</b>	<b>SLATS-240V</b>



12v  
G4

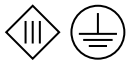


220-240v  
G9

2 Voltages



◀ Scan to view online



12V  
MR16



220-240V  
GU10

2 Voltages

- Radiata Timber & Anodised Aluminium
- In-Ground Mounted (Bury 300-400mm)
- Height: 1m Above Ground
- 12V / 240V Options



UK Registered Design: 6249431

SKU	
12V	240V
LRAD130-ALVC12	LRAD130-ALVC240



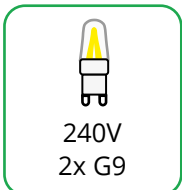
# Radiata Sleeper

Timber Bollard Light

Timber  
Path Lights



- Radiata Timber & Natural Brass
- 2 Finishes - Rustic Bronze or Aged Silver
- In-Ground Mounted (Bury 300-400mm)
- Height: up to 1m Above Ground
- One Directional Illumination



Mains Voltage



UK Registered Design: 6249433

SKU		
Height	Rustic Bronze	Aged Silver
0.6m (+0.3m In-Ground)	LRAD90B-240V	LRAD90S-240V
1m (+0.3m In-Ground)	LRAD130B-240V	LRAD130S-240V



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Pro Bollard  
Range

Pro-Bollard Range

Aluminium Bollard Lights

Lumena have been supplying professional 240V bollard lights for more than 10 years, and continue to do so for various commercial applications such as hospitality settings, hospitals, coastal locations and housing developments.



Our robust Pro-Bollards all house a replaceable ES/E27 LED lamp, giving the customer ultimate choice in light output and colour temperature. They are specially designed to accommodate our 15W & 20W corn bulbs (p.81) for optimum output.

There are 168 variations with 4 choices of head designs; 4 heights; surface and root mounting and integral photocell options. Crafted from strong, powder-coated extruded aluminium, their longevity and reliability are notable within the lighting world. Spare parts including replacement heads, bulb holders lamps and tubes are stocked.

Photometric data using our 15W and 20W corn bulbs is available upon request. This includes full PDF reports, .LDT and .IES files. This data helps ensure the correct fitting is selected for the project and type of lighting required, as well as how to space bollards efficiently.



LEDifice p.76

Surface Mounting Base (6mm thick aluminium) is supplied with 4x anchor bolts

Root Mounting Tube has additional 400mm with anchor bar to submerge into concrete.

**Require a Specific Colour?**

Bespoke powder coating available. Various RAL numbers & finishes. MOQ: 10pcs

Enquire today:  
**01327 871161**

Head SKU				
	Fortress	Parabola	Lighthouse	LEDifice
Dome	FORT-DBL	PARA-DBL	LIG-DBL	LEDI-DBL
Flat	FORT-FBL	PARA-FBL	LIG-FBL	LEDI-FBL
Pillar	FORT-PBL	PARA-PBL	LIG-PBL	LEDI-PBL

Tube SKU				
	0.4m	0.6m	0.8m	1m
Surface Mount	SMT19BL	SMT39BL	SMT58BL	SMT78BL
Root Mount	N/A	RMT78BL	RMT99BL	RMT119BL
For photocell, add "-PC". E.g. SMT78BL-PC				On    Off

E.g. **LEDI-PBL/SMT58BL-PC** = LEDifice pillar head on 0.8m surface mount tube with photocell

# Fortress

## Vandal Resistant Illuminated Bollard

## Pro Bollard Range



Flat



Pillar

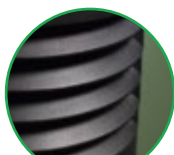


Dome

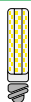


SKU on p.72

- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.4m, 0.6m, 0.8m or 1m
- 3 Head Styles: Flat, Pillar & Dome
- Photocell Option Available
- Internal Junction Box (240V)



External louvers  
for added protection



240V  
ES/E27

Mains Voltage



◀ Scan to view online



Flat



Pillar



Dome

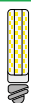


SKU on p.72

- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.4m, 0.6m, 0.8m or 1m
- 3 Head Styles: Flat, Pillar & Dome
- Photocell Option Available
- Internal Junction Box (240V)



Bulb fully concealed  
behind reflectors



240V  
ES/E27

Mains Voltage

5

Year Guarantee



# Lighthouse

## Commercial Illuminated Bollard

Pro Bollard  
Range



Flat

Pillar

Dome



Recommended  
for use with our  
15W LED Corn  
Bulb



240V  
ES/E27

Mains Voltage

SKU on p.72

- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.4m, 0.6m, 0.8m or 1m
- 3 Head Styles: Flat, Pillar & Dome
- Photocell Option Available
- Internal Junction Box (240V)



◀ Scan to view online

# Pro Bollard Range

# LEDifice

## High Output Commercial Bollard



Flat



Pillar



Dome



SKU on p.72

- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.4m, 0.6m, 0.8m or 1m
- 3 Head Styles: Flat, Pillar & Dome
- Photocell Option
- Internal Junction Box (240V)



Recommended  
for use with our  
20W LED Corn  
Bulb



240V  
ES/E27

Mains Voltage



# Boleda Range

## In-Built LED Bollard Lights

### Boleda LED Bollard Range

2022 saw the release of the highly efficient, high output Boleda LED Bollard Range. There are 2 contemporary designs, the 'Ventus' (p.78) and 'Conus' (p.79), which utilise specially designed, built-in LEDs as an alternative to replaceable lamps. These maintain the same light output as replaceable lamps with an expected life of **50,000 hours**. The 20W rated in-built LEDs in both bollards emit an impressive 1600lm (80lm/W) output.

An internal **3-way colour switch** enables the choice of 3 colour temperatures: 3000K, 4200K and 6500K.

Boleda designs are made from heavy duty, pressure **die-cast aluminium** with non-corrosive, stainless steel socket screws. The tube is up to **5mm thick** where reinforced with internal ribs.

A sturdy **surface mount** base is supplied for mounting to a flat surface or alongside J-bolts / internal mount support. As well as surface mounted options, the Boleda are also available with our trusted professional **root mount** system for extra sturdy mounting in public spaces. A number of spare parts are readily available. See page 81 for mounting accessories.

For automated dusk to dawn illumination, all Boleda variations are available with an **integrated photocell** and additional PIR motion sensor models coming soon.



Boleda  
LED Bollard  
Range

Boleda Ventus

Built-in LED Bollard Light



Colour Temperature  
Adjusts via Switch



- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.8m or 1m
- Built-In 20W LED (1600lm) 220V-240V
- Photocell Option
- Internal CCT Switch: 3000K, 4200K & 6500K
- Internal IP68 Cable Connector



Warm White  
3000K



Cool White  
4200K



Daylight White  
6500K

3 Colour Temperatures



UK Registered Design: 6249429

SKU		
Mounting	Standard	Photocell
0.8m Surface Mount	BLVEN20D-80	BLVEN20D-80-PC
1m Surface Mount	BLVEN20D-100	BLVEN20D-100-PC
1m Root Mount	BLVEN20D-100RM	BLVEN20D-100RM-PC



# Boleda Conus

Built-in LED Bollard Light

Boleda  
LED Bollard  
Range



Colour Temperature  
Adjusts via Switch



- Powder Coated Aluminium
- Surface Mounted or Root Mounted
- Height: 0.8m or 1m
- Built-In 20W LED (1600lm) 220V-240V
- Internal CCT Switch: 3000K, 4200K & 6500K
- Photocell Option
- Internal Cable Connector



Warm White  
3000K



Cool White  
4200K



Daylight White  
6500K

3 Colour Temperatures



UK Registered Design: 6249428

SKU		
Mounting	Standard	Photocell
0.8m Surface Mount	BLCON20F-80	BLCON20F-80-PC
1m Surface Mount	BLCON20F-100	BLCON20F-100-PC
1m Root Mount	BLCON20F-100RM	BLCON20F-100RM-PC



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# More Designs Online

Different Styles & Finishes Available



Cubic



Enterprise



Obelisk



Litetower



Amphora



Darlington

View Traditional  
**Lamp Post Lights**  
Online



# Bollard Accessories

## Lamps, Mounting and Spares

## Lamps, Bolts & Spares

### LED Light Bulbs

More lamps including SES/E14, MR16 and GU10 on p.56

6W or 8W LED  
GLS Bulb  
ES/E27



Suitable for:

- Smartpost
- Domus
- Fortress
- Parabola
- Lighthouse



15W LED  
Corn Bulb  
ES/E27

Suitable for:

- Domus
- Pathos 316
- Marina
- Lighthouse
- Parabola
- Fortress



20W LED  
Corn Bulb  
ES/E27

Suitable for:

- Stelled
- Marina
- LEDifice

SKU		
Kelvins	6W	8W
2700K	LGLESF6	LGLESF8W
6500K	N/A	LGLESF8D

SKU	
Kelvins	15W
1800K	LED15A
2700K	LED15W
6500K	LED15D

SKU	
Kelvins	20W
1800K	LED20A
3000K	LED20W
6500K	LED20D

### Mounting Bolts & Screws

M8x70mm  
Anchor Bolts  
(Pack of 4)

SKU: LAB4



Root Mount  
J-Bolt Kits

SKU	
Range	SKU
Pro Bollard	LLRMK4
Boleda	BL-RMK3



Surface Mount  
Internal Support  
for **Boleda Range**

SKU: BL-SMS



### Bollard Spares in Stock

In the event of damage to your bollards, Lumena stock a variety of spares parts including heads, tubes, bulb holders & mounts.



Security Screws for  
Pro Bollards

SKU: LLSSK6



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It has always been Lumena's ambition to stock reliable solar lighting that works in UK weather. For many years, much of what was available on the UK market was cheap, low output and didn't last for extended periods of time. Lumena wanted to offer solar products that were functional and reliable all year round.



Sol-Icon p.108

In 2019, the Pro Solar Range (p.83) was launched, followed by the ViaMAX street lighting range in 2021 (p.110). Lumena now stock and supply the UK's largest range of professional solar lighting including 15+ incredibly popular solar bollards. Most products have a 5 year guarantee with expected battery life of 8-10 years.

### What makes them suitable for the UK?

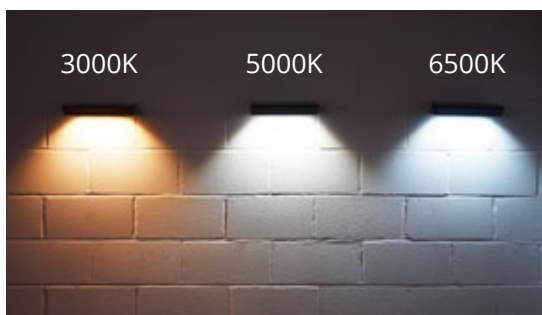
Lumena has embraced advances in solar technology, incorporating high-end components into their solar ranges. Both polycrystalline and monocrystalline solar cells provide fast charging. The advent of improved technology, such as more efficient solar panels, ever brighter LEDs, and high capacity, long life Lithium-Ion batteries ensure Lumena's solar ranges are able to illuminate all year round.

### Lighting Efficiently

Many of Lumena's solar lights operate a gradual dimming sequence. Sequences vary depending on the fitting, usually starting at 100% brightness, gradually dimming down in increments hour by hour until 30% brightness during the early morning. This technique reduces light pollution during the early morning and improves conservation of battery charge. Motion sensors are also effective in achieving these results by only powering the light at full brightness when people are nearby.

### Colour Temperatures

The tone of light emitted by LEDs is measured in kelvins. Lumena's solar lights range from 3000K (Warm White) to 6500K (Daylight White). The lumen output or 'brightness' of warm & daylight white LEDs is typically the same, although daylight white can appear brighter to the naked eye.



# Pro Solar Range

PRO SOLAR

## Professional Solar Lighting

## Solar Lighting

The 'Pro Solar Range' was our first range of professional solar lighting. It includes: bollards & path lights, wall lights, floodlights, step lights, spike lights and in-ground lights. Some designs are available with a PIR Motion Sensor, as well as a multifunction remote control for selecting timers, brightness etc. We stock spare components where possible and offer a 5 year guarantee on most models. This has quickly become the most popular range of Outdoor Lighting for Lumena, now beating mains Bollards.

### Solar Bollard Lights

Contemporary and traditional designs are available with a choice of colour temperature. Each design is complete with integrated solar panel, battery and LEDs. These are supplied with coach bolts as standard with some also offering a groundspike.



Root Mount  
J Bolt Kit  
(Pack of 4)  
**SKU: LLRMK4**



Security Screws for  
Solar Bollards



Security Screws	
Quantity	SKU
3 Pack	SSK3-PS
6 Pack	SSK6-PS



500mm 4 Fin Groundspike  
for Olympia, Edisol, Halopost,  
Litecharga & Eccentrica

**Coming Soon**

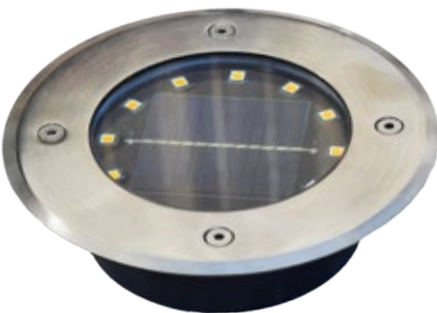
### Durasol - 12V DC Solar Lighting System

Pair the lights you love with solar. The Durasol is an all-in-one solar power source for Lumena's 12V lighting.

The unit is complete with solar panel, battery and remote control and can be free standing or wall mounted. With the easy to use VERSA plug & play system, you can have your garden lights installed in minutes! Simply connect your 12V DC lights, whether it be spikelights, spreadlights or other, and wait for nightfall.



◀ Scan to view online



- Stainless Steel Bezel, Aluminium Body
- Installation Hole Diameter: 100mm
- Bezel Diameter: 150mm
- 3W LED (210lm)
- 6-8 Hours Charging Time
- Up to 15 Hours Illumination Time
- Driveover (max 5mph, <500kg per wheel)

SKU	
Colour Temperature	SKU
Warm White	SOLD3SS-W
Daylight White	SOLD3SS-D

Lighting Mode: Gradual Dimming Sequence  
1hr 100%, 2hrs 70%, 2hrs 50%, 7hrs 30%



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



Sold in  
Packs  
of 2



- ABS + Polycarbonate
- Pack of 2
- 115mm Diameter
- 0.5W LED with 3 Colour Options
- 6-8 Hours Charging Time
- Up to 18 Hours Illumination Time
- Spike Mount or Surface Mount



SKU	
Colour Temperature	SKU
Daylight White	HAMA05-D
Blue	HAMA05-B
Green	HAMA05-G



Daylight  
White



Blue



Green

3 Colour Options



Can be Mounted Vertically to Posts and Fences

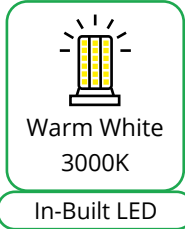


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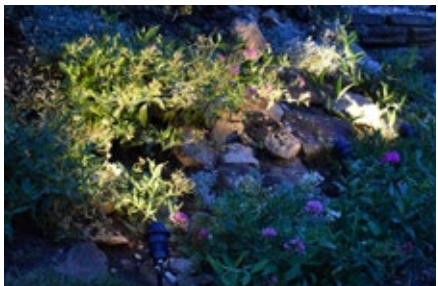
Remote  
Control  
Included

- Powder Coated Aluminium (Black)
- Remote Control: Dimming & Time Control (3hr, 5hr, 8hr & Dusk to Dawn)
- Cable Length: 2m per light + 2m (Panel)
- 6-8 Hours Charging Time
- Up to 20 Hours Illumination Time
- 3x 7W Epistar LED (630lm) Warm White
- Spike Mount or Surface Mount



SKU
Solspike
SOLSPK7W-3

Lighting Mode: Gradual Dimming Sequence  
1hr 100%, 2hrs 70%, 4hrs 50%, 5hrs 30%



Spike Mounted Solar Uplight



- Aluminium Alloy, Tempered Glass
- 5-6 Hour Charging Time (Full Sunshine)
- Up to 14 Hours Illumination Time
- 3hr, 5hr, 8hr & Dusk 'til Dawn Timer Modes
- 4m Cable (5m Extension Available)
- Solar Panel can be Wall Mounted
- 25W, 60W or 120W LEDs (Up to 3000lm)
- Spike Mounted



SKU	
Wattage	SKU
25W	LUX25D-SPK
60W	LUX60D-SPK
120W	LUX120D-SPK



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Solar  
Wall Lights /  
Floodlights

Lumelux



High Output Solar Floodlight



Remote  
Control  
Included

3

Year Guarantee

- Aluminium Alloy, Tempered Glass
- 5-6 Hour Charging Time (Full Sunshine)
- Up to 14 Hours Illumination Time
- 3hr, 5hr, 8hr & Dusk 'til Dawn Timer Modes
- 4m Cable (+5m Extension Available)
- 25W, 60W or 120W LEDs (Up to 3000lm)
- Surface Mounted



Daylight White  
6500K

In-Built LED



SKU	
Wattage	SKU
25W	LUX25D
60W	LUX60D
120W	LUX120D

120W ViaMAX (Post Mounted)  
Add "7 UNICLAMP76" to the SKU



60W

Scan to view online ▶





Remote Control Included



Solar panel tilts towards sun. Control buttons below panel.

- Polycarbonate & Tempered Glass
- PIR Motion Sensor (8m / 120°)
- Adjustable Solar Panel
- Warm White (Wall Wash Function) & Daylight White (Floodlight Function)
- 8-10 Hour Charging Time (Full Sunshine)
- Up to 20 Hours Illumination Time
- 15W (1500lm) LED
- Surface Mounted (Flush)

15W LED

IP 65



SKU

Secursol

SEC15PIR

### Lighting Modes:

- 1) Constant Light PIR – 5 hours constant light at 50% brightness, then switches to Standard PIR mode
- 2) Wall Wash PIR – Wall wash until PIR is triggered
- 3) Standard PIR – Light remains off until PIR is triggered
- 4) ON / OFF (previous memory)



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



◀ Scan to view online



2x Mounting  
Arm: 16cm or 26cm

SKU

Freeway

FWAYSPIR-D



Daylight White  
6500K

In-Built LED



Longer arm to  
clear eaves

## Lighting Modes:

- 1) Constant on – Full brightness for 6 Hours
- 2) 50% Light PIR – Constant 50% light until PIR triggered
- 3) Standard PIR – Light remains off until PIR is triggered



- Polycarbonate, Aluminium Body
- PIR Motion Sensor (5m / 120°)
- 2x Mounting Arms: 16cm or 26cm
- 8-10 Hour Charging Time (Full Sunshine)
- Up to 18 Hours Illumination Time
- 6W LED (1000lm)
- Surface Mounted (2 Size Brackets)

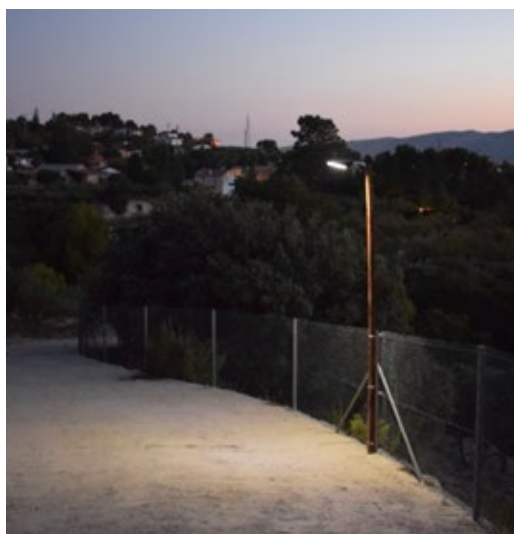
6W  
LED

IP  
65

10AH  
LiFePO4

Poly  
Solar Panel

PIR  
((( )))





Alternative  
Sturdy Wall Mount  
SKU: HWAY-WB



SKU	
Colour Temperature	SKU
3000K	HWAYPIR-W
6000K	HWAYPIR-D



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures

Lighting Mode: Security Lighting

Dim brightness until motion is detected (increases to full for 20 seconds). After 5 hours, or less than 30% battery capacity, light remains off until motion is detected.



- Polycarbonate Body, Aluminium Arm & Tempered Glass
- PIR Motion Sensor (8m / 120°)
- 10-12 Hour Charging Time (Full Sunshine)
- Up to 25 Hours Illumination Time
- 15W LED (1600lm)
- Internal Collar for 50mm Horizontal Poles
- Supplied: 29cm Arm & 15cm Wall Mount
- Surface Mounted





UK Registered Design: 6074581

SKU	
Colour Temperature	Olympia
Warm White	OLYWL-W
Daylight White	OLYWL-D



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- Height: 38cm
- 3.5W LED (420lm)
- Matching Pedestal / Path Lights - p.98



Lighting Mode: Gradual Dimming Sequence

1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%





Adjustable outreach  
and tilt



Cool White  
5000K

In-Built LED

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%

- Powder Coated Aluminium
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 6W LED (720lm)
- Tilt Adjustable
- Suitable for Graphics of up to 1m Width
- Up to 260mm Outreach (Adjustable)



UK Registered Design: 6250124

SKU

Signa

SIGNA6B-C





Warm White  
3000K



Daylight White  
6500K

2 Colour Temperatures



Inc. 160mm Spike &  
Anchor Bolts



- Aluminium Alloy
- 6-8 Hours Charging Time
- 130 Hours Illumination Time
- 1m Spread of Light
- 0.5m Height
- 3W LED (500lm)
- Spike Mount or Surface Mount



UK Registered Design: 6148067

SKU	
Colour Temperature	ENDURA
3000K	ENDURA3-SG-W
6500K	ENDURA3-SG-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, then 30% until dawn



Lasts  
**130 Hours**  
from Full  
Charge





- Die-Cast Aluminium & Polycarbonate
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- Height: 450mm or 700mm
- 6W LED
- Ground Spike & External Surface Mount



Daylight White  
6000K

In-Built LED

SKU	
Height	Pathmaster
450mm	PMAS7450-D
700mm	PMAS7700-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%





Black



Silver

- Die-cast Aluminium & Polycarbonate
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- Replaceable 2W LED Filament Lamp (216lm)
- 5m Spread of Light
- Height: 0.8m
- External Surface Mount



UK Registered Design: 6249427

SKU		
Colour Temperature	Black	Silver
Warm White	EDIS800B-W	EDIS800S-W
Daylight White	EDIS800B-D	EDIS800S-D



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures

Lighting Mode: Gradual Dimming Sequence

1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



# Radiata Edisol

## Solar Timber Path Light

## Solar Bollard Lights



- Radiata Timber & Aluminium
- 2 Finishes - Black or Silver
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 2W LED Filament Lamp - 216lm
- 5m Spread of Light
- 0.8m Above Ground + 0.35m In-Ground



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



UK Registered Design: 6249426

SKU		
Head Finish	Warm White	Daylight White
Black	EDISRADB-W	EDISRADB-D
Silver	EDISRADS-W	EDISRADS-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



◀ Scan to view online

## Olympia Pedestal (380mm)



UK Registered  
Design: 6089625



UK Registered  
Design: 6074581

- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 3.5W LED (420lm)
- 1.5m / 4m (Respectively) Spread of Light
- Height: 0.38m (Pedestal) or 0.8m (Post)
- External or Internal Surface Mount
- Matching Wall Lights (p.92)



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



## Olympia Post Light (800mm)



UK Registered  
Design: 6089624



UK Registered  
Design: 6074580





0.38m Pedestal SKU

Colour Temperature	External Base	Internal Base
Warm White	OLYPEDB-W	OLYPED-W
Daylight White	OLYPEDB-D	OLYPED-D

0.8m Post SKU

Colour Temperature	External Base	Internal Base
Warm White	OLY800B-W	OLY800-W
Daylight White	OLY800B-D	OLY800-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%





2 Tone Diffuser  
Reduces Glare



Daylight White  
6500K

In-Built LED



UK Registered Design

SKU

Olympia

OLY800-D-PIR

Lighting Mode: Security Lighting

Light remains at 50% brightness until motion detected,  
then switches to 100% for 30 seconds.



- Die-Cast Aluminium, Polycarbonate
- PIR Motion Sensor (8m / 120°)
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 3.5W LED (420lm)
- 4m Spread of Light
- Height: 0.8m
- Internal Surface Mount



# Halopost

PRO SOLAR

360° Downlight

Solar  
Bollard  
Lights



0% Upward Light



- Die-Cast Aluminium & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 3.5W LED (420lm)
- 3m Spread of Light
- Height: 0.8m
- External Surface Mount



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



3.5W  
LED



IP  
65



5AH  
LiFePO4



Mono  
Solar Panel



IK10



Target



Eye



Mount

UK Registered Design: 6074585

SKU	
Colour Temperature	SKU
3000K	HALO800-W
6000K	HALO800-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



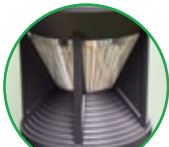
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# Solar Bollard Lights

# Guarda



## Vandal Resistant Bollard Light



Armoured Ribs  
Protect Head



- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 1.8W LED (210lm)
- 2m Spread of Light
- Height: 0.76m
- External Surface Mount



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



UK Registered Design: 6074586

SKU	
Colour Temperature	SKU
3000K	GUA760-W
6000K	GUA760-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%





Black



White

Rotate  
solar panel  
towards  
sunlight  
(south)



- Die-Cast Aluminium & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- Adjustable Solar Panel (6 Rotations)
- 1.2W LED (150lm)
- 1m (Frontal) Spread of Light
- Height: 0.8m
- Internal Surface Mount Base



UK Registered Design: 6089623

SKU		
Colour Temperature	Black	White
Warm White	ECC800B-W	ECC800WH-W
Daylight White	ECC800B-D	ECC800WH-D

Lighting Mode: Gradual Dimming Sequence

1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



Warm White

3000K



Daylight White

6000K

2 Colour Temperatures



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Frosted lens softens  
light emitted



- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 1.8W LED (210lm)
- 2m Spread of Light
- Height: 0.8m
- Internal Surface Mount



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures

1.8W  
LED

IP  
65

12AH  
LiFePO4

Mono  
Solar Panel



UK Registered Design: 6074583

SKU	
Colour Temperature	SKU
3000K	LCHARG800-W
6000K	LCHARG800-D



Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



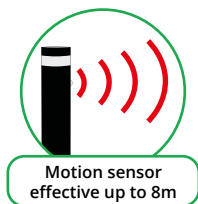
# Litecharga PIR PRO SOLAR

## Solar Security Bollard Light

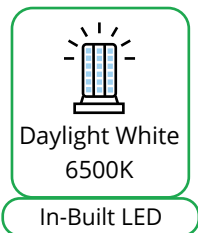
## Solar Bollard Lights



UK Registered Design



Motion sensor  
effective up to 8m



Daylight White  
6500K

In-Built LED

- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- PIR Motion Sensor (8m / 120°)
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 1.8W LED (210lm)
- 2m Spread of Light
- Height: 0.8m
- Internal Surface Mount



SKU

Litecharga

LCHARG-D-PIR

Lighting Mode: Security Lighting

Light remains at 50% brightness until motion detected, then switches to 100% for 30 seconds



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Upgrade to pin hex security screws p.83



- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 1.8W LED (210lm)
- 2m Spread of Light
- Height: 0.8m
- Internal Surface Mount



Warm White  
3000K



Daylight White  
6000K

2 Colour Temperatures



1.8W  
LED



IP  
65



5AH  
LiFePO4



Mono  
Solar Panel



IK10



IK10



Eye Safety



Internal Surface Mount

UK Registered Design: 6074584

SKU	
Colour Temperature	SKU
3000K	PANA800-W
6000K	PANA800-D



Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 2hrs 80%, 2hrs 50%, 9hrs 30%



# Panama PIR



## Solar Bollard Light with Motion Sensor

## Solar Bollard Lights



Motion sensor  
effective up to 8m



Daylight White  
6500K

In-Built LED

- Die-Cast Aluminium, Polycarbonate & Tempered Glass
- PIR Motion Sensor (8m / 120°)
- 6-8 Hours Charging Time
- Up to 23 Hours Illumination Time
- 1.8W LED (210lm)
- 2m Spread of Light
- Height: 0.8m
- Internal Surface Mount



UK Registered Design: 6249430

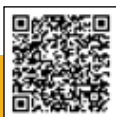
SKU

Litecharga

PANA800-D-PIR

Lighting Mode: Security Lighting

Light remains at 50% brightness until motion detected, then switches to 100% for 30 seconds



◀ Scan to view online

# Solar Bollard Lights

# Sol-Icon



## Two Sided PIR Path Light



2x Ground Spike  
Included



Warm White  
3000K



Daylight White  
6000K

2 Colour  
Temperatures



UK Registered Design: 6249425

SKU	
Colour Temperature	SKU
3000K	ICON800-W
6000K	ICON800-D

### Lighting Modes:

- 1) PIR Mode – 15% brightness until PIR triggered
- 2) Constant Light (dusk to dawn) - continual 50% brightness



- Die-Cast Aluminium & Tempered Glass
- 2 Sided (can be used as Single Sided)
- PIR Motion Sensor (8m / 160°)
- 10 Hours Charging Time
- Up to 32 Hours Illumination Time
- 20W LED (2000lm) / 10W per Side
- 6m Spread of Light
- Height: 0.8m
- Internal Surface Mount & Ground Spikes





Reflective Lens



- Aluminium Alloy & Polycarbonate
- 0.8W LED (Up to 80lm)
- 4x Colours: Daylight White (6000K), Red, Yellow or Green
- 8 Hours Charging Time
- Up to 12 Hours Illumination Time
- 105mm x 105mm
- Withstands Loads of up to 20 Tonnes



SKU	
LED Colour	SKU
Daylight White	UNILED08-D
Red	UNILED08-R
Yellow	UNILED08-Y
Green	UNILED08-G



ViaMAX is the professionals' choice in solar street lighting, for all year round, high-output illumination in UK weather. Long life, high-capacity Lithium batteries and large panels, teamed with motion sensor functionality and time controllers, result in substantial charge retention and reliable illumination time. All models have dusk to dawn functionality as standard, with most products incorporating motion sensors.



### Mounting

Lumena have kept installation simple. We focused on two primary column types: 60mm Diameter & 76mm Diameter. All our lampost lights are designed for one of these poles, with the ability to mix and match with handy 60-76mm adaptors.

### Photometry

Photometric data including full reports, .LDT and .IES files are available for all ViaMAX models. This data helps specifiers ensure the correct fitting is selected for the project, confirming the type of illumination required and quantity of light output. Contact us for more info.

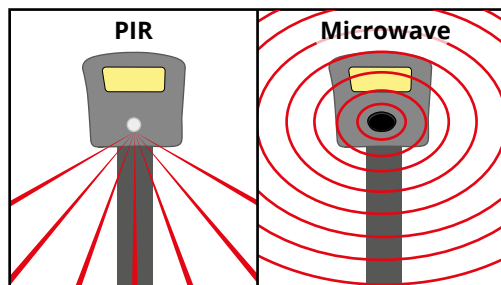
### All-in-one vs Separate Panel

As the name suggests, all-in-one refers to a single solar light with integrated solar panel. Otherwise a solar light usually has two components, where the solar panel and light fitting are separate but connect with a short cable.

Separate designs can sometimes allow for more versatility around installation because the often larger solar panel can be installed some distance from the main light. Examples of this include the Dominium (p.114) and Sky-Eye (p.115).

### PIR vs Microwave Motion Sensors

Most solar lights used for security purposes will be fitted with one of these types of sensors. PIRs are effective in the area visible to them (usually approx 120°), whereas microwave sensors have 360° detection and sense motion through walls and other objects.



# Hiway Max



## Motion Sensor Solar Street Light

## Solar Street Lights



Product Code	
Colour Temperature	SKU
3000K	HWM40PIR-W
6000K	HWM40PIR-D



Warm White  
3000K



Daylight White  
6000K

2 Colour  
Temperatures



Compatible with 50mm  
horizontal poles

**5**

Year Guarantee

- Aluminium, ABS, Polycarbonate & Tempered Glass
- PIR Motion Sensor (12m / 120°)
- Main Body: 62cm x 29cm
- 60mm Collar (Vertical), 50mm (Horizontal)
- 8 Hour Charge Time (Full Sunshine)
- Up to 60 Hours Illumination
- 40W LED (4800lm)
- 5 Lighting Modes: Timer & Security Modes
- Recommended Mounting Height: 3-6m

40W  
LED

IP  
65



12AH  
LiFePO4

Mono  
Solar Panel



PIR  
((( )))

50mm

60mm



◀ Scan to view online



In-Built LED

UK Registered Design: 6148069

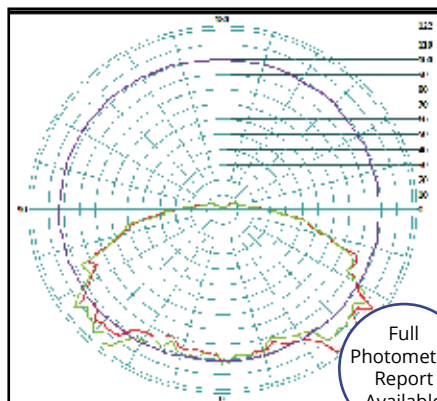
SKU

Olympia Max

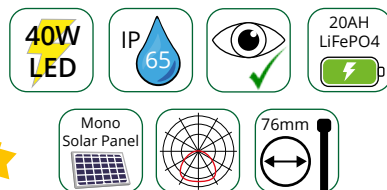
OLYMAX-SLH-D

Lighting Mode: Gradual Dimming Sequence

1hrs 100%, 1hr 80%, 1hr 60%, 4hrs 40%, 5hrs 20%



- Die-cast Aluminium, Polycarbonate & Tempered Glass
- Two-Tone Frosted Diffuser
- Top of Head: 48cm Diameter
- 76mm Collar
- 5-8 Hour Charge Time (Full Sunshine)
- Up to 23 Hours Illumination Time
- 40W LED (2200lm)
- Recommended Mounting Height: 3-6m





- Die-cast Aluminium, Polycarbonate & Tempered Glass
- White Polycarbonate Diffuser
- Top of Head: 55cm Diameter
- 76mm Collar
- 5-8 Hour Charge Time (Full Sunshine)
- Up to 35 Hours Illumination Time
- 80W LED (2700lm)
- Recommended Mounting Height: 3-6m

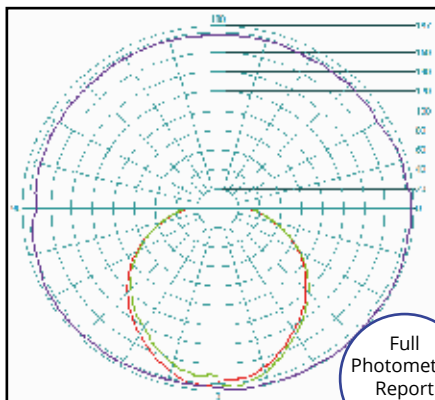
UK Registered Design: 6148070

SKU

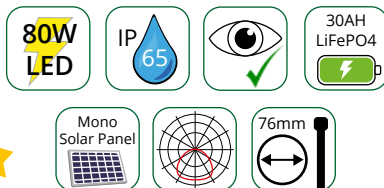
Streetmaster

SMASL-SLH-D

Lighting Mode: Gradual Dimming Sequence  
1hrs 100%, 1hr 80%, 1hr 60%, 4hrs 40%, 5hrs 20%



Full Photometric Report Available





Remote Control Included



Daylight White  
6500K

In-Built LED

- Die-cast Aluminium (Grey Finish)
- Microwave Motion Sensor (15m)
- Solar Panel Sizing: 53cm x 50cm
- 60mm Collar
- 0.5m Cable (Light to Panel)
- 8 Hour Charge Time (Full Sunshine)
- Up to 40 Hours Illumination Time
- 50W LED (3000lm)
- 5 Lighting Modes: Timer and Security Modes
- Recommended Mounting Height: 3-6m

50W LED

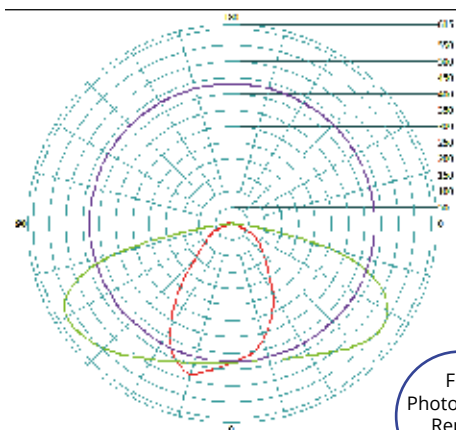
IP 65



12AH  
LiFePO4



Product Code	
Mounting	SKU
60mm Mount Kit	DOMSEN15-D
76mm Mount Kit	DOMSEN15-D / ADAP7660GS



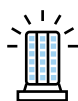
Full  
Photometric  
Report  
Available



## Motion Sensor Solar Sign Light / Floodlight



Remote Control Included

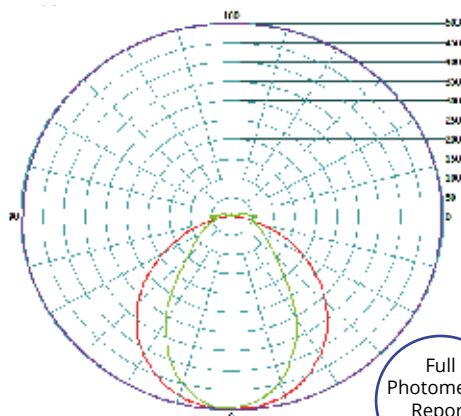


Daylight White  
6500K

In-Built LED

- Die-cast Aluminium (Grey Finish)
- Microwave Motion Sensor (15m)
- Solar Panel Sizing: 78cm x 34cm
- 60mm Collar
- 0.9m Cable (Light to Panel)
- 5-8 Hour Charge Time (Full Sunshine)
- Up to 40 Hours Illumination Time
- 15W LED (2400lm)
- 5 Lighting Modes: Timer and Security Modes
- Mounting Height: 3-6m (Floodlighting)

SKU	
Mounting	SKU
60mm Mount Kit	SKY15SEN-D / UBRACK60
76mm Mount Kit	SKY15SEN-D / UNICLAMP76 / ADAP7660GS



Full Photometric Report Available



## Maintenance & Aftercare

Outdoor lighting made from quality materials will always outlast inferior fittings. Care should still be taken to preserve a fitting's pristine finish after installation. Lumena recommend wiping clean the surface with a damp cloth and then dry once a month (more frequently in coastal areas). PIR and photocell sensors should also be cleaned regularly.

Materials like **Copper and Brass** naturally form a patina on their surface, adding an additional layer of protection. If a polished copper appearance is preferred, a layer of lacquer will slow down the weathering process.

**316 Stainless Steel** withstands corrosion for much longer due to its anti-corrosion properties. Stainless steel is still susceptible to pitting and tea staining from acid rain and salt in the air. It is recommended to clean the surface once per month with a damp cloth to remove residue. Specialist cleaning products like 'Kilrock' stainless steel cleaner can also be used.

For **Solar Lights** to perform well, it is extremely important that solar panels are cleaned once a month. Debris should be removed from the solar panel as soon as this is noticed, and the panel wiped down with a soft, damp cloth. This ensures optimum charging of the product. Sensors and LEDs should also be wiped down with a soft, damp cloth regularly. Lumena offer a solar cleaning kit (right image) which acts as a preservative for solar panels, boosting charging performance.

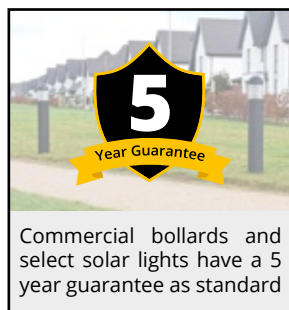


## Guarantee

Our customer service continues after installation to ensure you get the best out of your purchase. Lumena offer guarantees of up to 5 years on all our light fittings. The warranty period for cables, integrated photocells and connection blocks is 1 year.

Guarantee excludes accidental or malicious damage, general wear and tear and electrical faults due to misuse or incorrect installation. All 240V lights must have been installed by an Electrician qualified and registered to part "P" of the electrical regulations (proof may be required). Products installed in coastal areas will be covered with a reduced guarantee period of 1 year.

It should be noted that Lumena carry spare parts for most of the lights supplied. It may be a better option to ask for a spare part (which may be supplied free of charge) rather than claim under Guarantee and have the expense of reinstalling the fitting.



Under the guarantee, we will firstly offer spare components or try to fix the fitting if possible. If this is unsuccessful, a full replacement will be offered. If we do not have the item in stock, the choice of an alternative replacement or a refund will be offered.

# Our Portfolio

Lumena are proud to have supplied many prestigious locations and institutions, including the following:



Available from your Local Wholesaler





Garden  
Lighting



Bollard  
Lighting



Solar  
Lighting



TECHNICAL ADVICE / FAST DELIVERY / SHOWROOM

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[www.lumenalights.com](http://www.lumenalights.com)



**Visit Our Showroom**  
**Monday-Friday 9am - 4.30pm**

Lumena Lights Ltd, Centre 33, Long March,  
Daventry, Northamptonshire, NN11 4NR

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