

LANDSCAPE LIGHTING





COLLECT & CONNECT

The Garden Zone Collect & Connect system is incredibly simple and safe to use, allowing up to 12 fittings to be connected together over a distance of 30m. With a comprehensive selection of fittings, you will find the ideal solution for any landscaping requirement. These fittings are guaranteed for 5 years against structural failure and the LED modules are guaranteed for 2 years.

The bright way to light up your garden!

The Garden Zone Collect & Connect low voltage, energy saving lighting system is a great way to add style to any garden landscape. The system uses high power LED lights offering excellent light output with exceptionally low energy consumption. A wide selection of stylish light fittings including ambient, spot and deck lighting options are available. In such case, a Starter Kit can be purchased with the option of adding additional fittings if required.

N.B. GZ Connect & Collect cannot be mixed with GZ Professional Range.



6M CABLE
6 meter cable with 5 connecting point
for Collect & Connect fittings
Product Code: GZCC/6M CABLE
IP Rating: IP65



TRANSFORMER
12 V transformer for powering up to
12 fittings over a distance of 30m
Product Code: GZCC/TRANSFORMER
IP Rating: IP64



3 WAY PLUG
A 3 way plug socket and 1.5m extension lead
Product Code: GZCC/3 WAY PLUG
IP Rating: IP65



SPENNYMOOR 1S
1 x 12V Spotlight, Spike with 1m cable

Product Code: GZCC/SPENNYMR 1S
Material/colour: Anodised Aluminium
Dimensions: H: 90mm W: 60mm
Spike: 210mm
Light Source: 6 x 0.1W LED
IP Rating: IP54



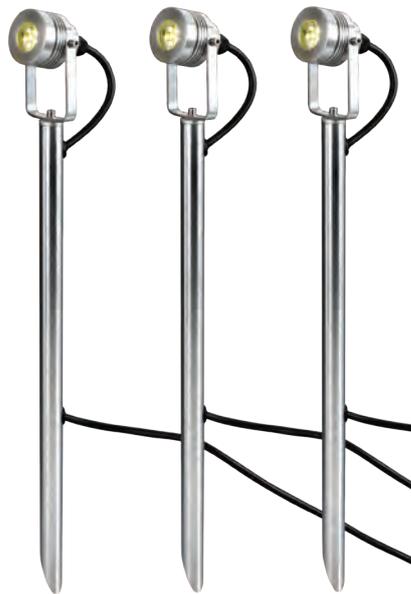
SPENNYMOOR 3S
Starter kit includes: 3 x 12V Spotlights, 3 x Spikes, 6m cable & 12V Transformer

Product Code: GZCC/SPENNYMR 3S
Material/colour: Anodised Aluminium
Dimensions: H: 90mm W: 60mm
Spike: 210mm
Light Source: 3 x 6 * 0.1W LED
IP Rating: IP54



SPENNYMOOR 1P
1 x 12V Spotlight, Pole with 1m cable

Product Code: GZCC/SPENNYMR 1P
Material/colour: Anodised Aluminium
Dimensions: H: 90mm W: 60mm
Spike: 415mm
Light Source: 6 x 0.1W LED
IP Rating: IP54



SPENNYMOOR 3P
Starter kit includes: 3 x 12V Spotlights, 3 x Poles, 6m cable & 12V Transformer

Product Code: GZCC/SPENNYMR 3P
Material/colour: Anodised Aluminium
Dimensions: H: 90mm W: 60mm
Spike: 415mm
Light Source: 3 x 6 * 0.1W LED
IP Rating: IP54



DERWENT 1

1 x Deck/garden light with 1m cable and in-ground plastic case, diameter 33mm

Product Code: GZCC/DERWENT 1

Material/colour: Anodised Aluminium

Dimensions: H: 55mm W: 40mm

Case: 60mm

Light Source: 6 x 0.1W LED

IP Rating: IP54



DERWENT 5

5 x Deck/garden light with 6m cable and 12V Transformer

Product Code: GZCC/DERWENT 5

Material/colour: Anodised Aluminium

Dimensions: H: 55mm W: 40mm

Case: 60mm

Light Source: 5 x 6 * 0.1W LED

IP Rating: IP54



AMBLESIDE 1

1 x 12V Ambient light, Spike with 1m cable

Product Code: GZCC/AMBLE 1S

Material/colour: Anodised Aluminium

Dimensions: H: 73mm W: 30mm

Spike: 350mm

Light Source: 6 x 0.1W LED

IP Rating: IP54



AMBLESIDE 3

Starter kit includes:
3 x 12V Ambient lights, 3 x Spikes

Product Code: GZCC/AMBLE 3S

Material/colour: Anodised Aluminium

Dimensions: H: 73mm W: 30mm

Spike: 350mm

Light Source: 3 x 6 * 0.1W LED

IP Rating: IP54



Garden Zone

PROFESSIONAL COLLECTION



LANDSCAPE AND GARDEN LIGHTING

The Garden Zone Professional Collection offers a versatile selection of high quality, easy to install and energy efficient products for all parts of the garden landscape, designed for use by professional gardeners, landscapers and architects.

Using our excellent low voltage plug & go system allows a large number of fittings from the Garden Zone ranges to be connected together over a distance of up to 80 metres. Furthermore, all the fittings within the plug & go series use high power LED light sources, which have very good light output properties alongside exceptionally low energy consumption. Added to this we offer a complementary range of 240V energy efficient models in matching designs as well as range accessories to ensure the widest possible choice.



PLUG & GO: HOW IT WORKS



Step 1: Choose the areas you want to have lit, then we suggest that you sketch a rough plan view of each area involved.

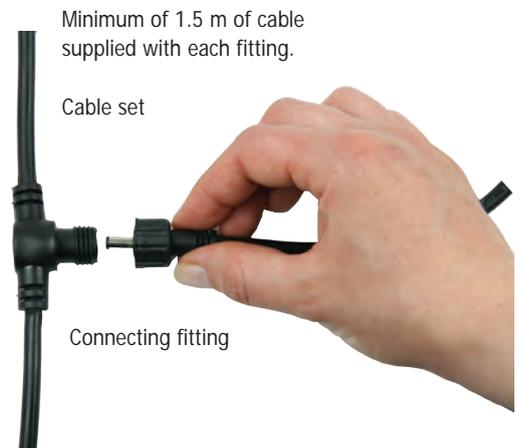
Step 2: Choose the fittings which will suit the requirements and list them out with the quantity of each where relevant. Be careful to bear in mind the voltage of the fittings chosen. All 240V fittings will need mains supply to wherever they are to be installed whereas all plug & go models just need to be connected into the low voltage cable (as shown right).

Step 3: Measure the distance involved for the plug & go models chosen and determine, from the cable set options available which cable set or sets will be needed. Remember, up to 80 metres of cable can be used from 1 LED driver but the wattage loading must not exceed the recommended minimum, maximum (see accessories page 611).

Step 4: Plan where the mains supply will originate from. With the plug & go system you have a choice of placing the LED driver/drivers in an IP rated wall box on an exterior wall. However, depending on how large an area is involved, sometimes more than one mains feed may be needed in different locations. Consultation with an electrician is advisable on this matter.

Important

The Garden Zone Plug & go fittings use a unique single pin, 2 pole plug and as such are not compatible with any other product or system. Currently they are not dimmable but they will work when wired via a timer.



Landscape photography courtesy of Garden Care Services, Dunstable.

GZ/Cable Socket IP68



Cable socket shown with driver



GZ/Cable 3 way

1.5 metre extension lead with 3 plug sockets on end



GZ/Cable set-2M

2 metre single plug extension cable



GZ/Cable set-20M

20 metre single plug extension cable



Guarantee / Life Expectancy

All Garden Zone fittings are guaranteed against structural failure for 5 years and 2 years for the LED units. The LED lamps have a minimum life expectancy at 80% plus efficiency for 20,000 hours. Typically if on 4 hours per day, 365 days per year, than this equates to around 14 years of life. The 2 year Guarantee is only valid when exclusively using Garden Zone cables, fittings and drivers.

Repair Service

Outside of the 2 year Guarantee we offer a chargeable full maintenance and repair service to fittings. This is conducted in our own workshops and the service includes replacement material parts and wiring repairs.

GZ/Driver 11W

11W (min. load 3W, max. load 11W)
140mm long x 25mm wide
IP66



GZ/Driver 28W

28W (min. load 9W, max. load 28W)
200mm long x 30mm wide
IP66



Drivers are supplied with 30cm of cable.
Each fitting is supplied with 1.5m of cable.

IMPORTANT:

All fittings should be plugged in prior to switching power on.



GZ/Cable set-6M

cable set for plug & go fittings 6 metres long with 5 plugs spaced 1 metre apart for up to 5 fittings

GZ/Cable set-10M

cable set for plug & go fittings 10 metres long with 9 plugs spaced 1 metre apart for up to 9 fittings

GZ/Cable set-16M

cable set for plug & go fittings 16 metres long with 15 plugs spaced 1 metre apart for up to 15 fittings



The stylish and versatile Elite family is beautifully manufactured from either marine grade aluminium, which is then polished and anodised, or from solid natural brass. Designed and hand engineered to the highest standards, the Elite range offers both 240V mains fed and 12V LED plug & go options including wall up/down fittings, multi directional wall or ground spotlights and an optional height pole/spike fitting. This pole fitting allows a choice from 250mm up to a maximum of 750mm in height to take either the Elite5 or Elite6 fittings.

Additionally, to add further to this versatile range, the fittings can easily have their lenses changed from the standard clear version to blue, green, red or amber. By simply unscrewing the lens cap, the lenses can be easily removed and changed to give different coloured effects to their surroundings.

*Natural brass is untreated and its finish will age over time.

Optional coloured lenses for Elite fittings (Medium only, not suitable for Elite S & L models.)



blue



red



amber



green



GZ/ELITE2

B

Handmade in
Solid Brass

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/ELITE2	up/down wall fitting	130mm	75mm	100mm	6 x 1W high power LED	240V	IP54	solid natural brass



GZ/ELITE4



plug
& go

GZ/ELITE6



GZ/ELITE 6
shown on spike
and poles



GZ/ELITE POLE/B

GZ/ELITE SPIKE/B

B
Handmade in
Solid Brass

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/ELITE4	multi directional wall fitting	130mm	80mm	90mm	3 x 1W high power LED	240V	IP54	solid natural brass
GZ/ELITE6	wall/spot fitting	100mm	80mm	80mm	3 x 1W high power LED	12V	IP54	solid natural brass
GZ/ELITE POLE/B	pole (choose up to 3)	250mm	40mm	-	-	-	-	solid natural brass
GZ/ELITE SPIKE/B	spike	170mm	45mm	-	-	-	-	aged iron



GZ/ELITE1/S



GZ/ELITE1



GZ/ELITE1/L

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/ELITE1/S	up/down wall fitting	120mm	45mm	90mm	2 x 1W high power LED	240V	IP54	anodised aluminium
GZ/ELITE1	up/down wall fitting	130mm	75mm	100mm	6 x 1W high power LED	240V	IP54	anodised aluminium
GZ/ELITE1/L	up/down wall fitting	120mm	98mm	142mm	12 x 1W high power LED	240V	IP54	anodised aluminium



GZ/ELITE3/L



GZ/ELITE3



GZ/ELITE3/S

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/ELITE3/S	small LED spotlight	110mm	45mm	41mm	1 x 1W high power LED	240V	IP54	anodised aluminium
GZ/ELITE3	medium LED spotlight	130mm	80mm	90mm	3 x 1W high power LED	240V	IP54	anodised aluminium
GZ/ELITE3/L	large LED spotlight	185mm	95mm	95mm	6 x 1W high power LED	240V	IP54	anodised aluminium



plug
& go

GZ/ELITE5/L



plug
& go

GZ/ELITE5



plug
& go

GZ/ELITE5/S



GZ/ELITE5
shown on spike
and poles



GZ/ELITE POLE/A

GZ/ELITE SPIKE/A

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/ELITE5/S	small LED spotlight	86mm	45mm	41mm	1 x 1W high power LED	12V	IP54	anodised aluminium
GZ/ELITE5	med. LED spotlight	100mm	80mm	80mm	3 x 1W high power LED	12V	IP54	anodised aluminium
GZ/ELITE5/L	large LED spotlight	145mm	95mm	95mm	6 x 1W high power LED	12V	IP54	anodised aluminium
GZ/ELITE POLE/A	pole (choose up to 3)	250mm	40mm	-	-	-	-	anodised aluminium
GZ/ELITE SPIKE/A	spike	170mm	45mm	-	-	-	-	matt silver



GZ/OPTICA1



GZ/OPTICA2



GZ/OPTICA4



GZ/OPTICA3

Cutout hole
for Optica3
Ø = 74mm

Our stunning looking Optica range is beautifully engineered from marine grade aluminium, which is then polished and anodised. All of the models feature an optical glass lens, which has an equally stylish look when either lit or unlit. The Optica1 and Optica2 are 240V mains fed products while the other models are 12V plug & go LED fittings, with Optica3 suitable for use indoors and out under soffits and porches, in low positions along walls, in decking (non trip areas) and in soft ground around flower beds.



Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/OPTICA1	wall fitting	140mm	75mm	90mm	3 x 1W high power LED	240V	IP54	anodised aluminium
GZ/OPTICA2	up/down wall fitting	235mm	75mm	90mm	6 x 1W high power LED	240V	IP54	anodised aluminium
GZ/OPTICA3	downlight/recessed wall light	20mm	90mm	-	3 x 1W high power LED	12V	IP54	anodised aluminium
GZ/OPTICA4	garden spike light	280mm	60mm	-	3 x 1W high power LED	12V	IP54	anodised aluminium

Our Fusion range is designed for use in decking, soft ground, pathways and walkways to provide a variety of low-level light direction options. Manufactured from either machined stainless steel (304 grade) or natural brass, all fittings (except Fusion11) also feature machined aluminium bodies and use 3W of high power LEDs as their light source. All of the range are supplied as 12V plug & go fittings making them quick and easy to install. The choice of model is then dependent on which direction of light is required; upwards, sideways, to all directions or just to a particular direction. The choice is yours. All fusion models come supplied with plastic underground casing, particularly useful when being concreted/tarmacked in place. Models Fusion1 to Fusion10 are safe to drive over up to a maximum load 2500kg.

*Natural Brass is untreated and its finish will age over time.

304 STAINLESS STEEL



GZ/FUSION1

SOLID BRASS



GZ/FUSION2



GZ/FUSION3



GZ/FUSION4

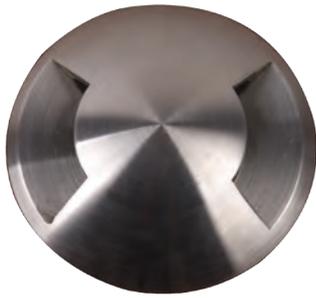


GZ/FUSION11*

Cutout hole for Fusion fittings
 Ø = 76mm
 *Except for GZ/Fusion11
 Ø = 33mm

Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/FUSION1	plain ring in-ground light	5mm	90mm	3 x 1W high power LED	12V	IP67	304 stainless steel
GZ/FUSION2	plain ring in-ground light	5mm	90mm	3 x 1W high power LED	12V	IP67	solid natural brass
GZ/FUSION3	1 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	304 stainless steel
GZ/FUSION4	1 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	solid natural brass
GZ/FUSION11	plain push in, in-ground/deck light	3mm	40mm	1 x 1.2W high power LED	12V	IP67	brushed aluminium

304 STAINLESS STEEL



GZ/FUSION5

SOLID BRASS



GZ/FUSION6



GZ/FUSION7



GZ/FUSION8



GZ/FUSION9



GZ/FUSION10



Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/FUSION5	2 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	304 stainless steel
GZ/FUSION6	2 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	solid natural brass
GZ/FUSION7	3 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	304 stainless steel
GZ/FUSION8	3 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	solid natural brass
GZ/FUSION9	4 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	304 stainless steel
GZ/FUSION10	4 direction ring in-ground light	25mm	90mm	3 x 1W high power LED	12V	IP67	solid natural brass



It is not often that one can find products made to original styles and to original quality levels like in the old days. Our Bronze family is our premium range of products that we believe achieves this. They are manufactured from heavy cast bronze (except models Bronze9 and Bronze20 which are produced from solid natural copper)* and chemically treated to give a natural looking Aged Bronze or Verdigris finish.** Offering a wide range of garden spots, mini floods, wall and step lights, directional in ground, eyelids, pagoda lights and recessed fittings the Bronze collection has a large number of options and accessory choices to enhance the finest of gardens. All of these classic designs are supplied with our 12V plug & go system using high power LED's making them energy efficient, yet easy to use and install.

*Copper fittings use some brass components and all materials are without laquer to enable them to age naturally.

**Please note that depth and style of finishes can vary as this is a hand applied treatment.



GZ/SPIKE C

GZ/BRONZE FLANGE/B



GZ/BRONZE POLE/A



GZ/BRONZE POLE/B



GZ/BRONZE POLE/C



GZ/BRONZE FLANGE/A



GZ/BRONZE ADAPTER A/B

Product Code	Description	Height	Width	Material/colour
GZ/SPIKE C	spike included with Bronze fittings where indicated	220mm	50mm	brown plastic
GZ/BRONZE POLE/A	tall pole for spot lamps GZ/Bronze 3, 5, 7, 10 & 12	450mm	25mm	aged bronze
GZ/BRONZE POLE/B	tall pole for spot lamps GZ/Bronze 4, 6, 8, 11 & 13	450mm	25mm	verdigris
GZ/BRONZE POLE/C	tall pole for spot lamp GZ/Bronze9	450mm	25mm	raw copper & brass
GZ/BRONZE FLANGE/A	wall/tree/surface fixing plate for GZ/Bronze 1, 3, 5, 7, 10 & 12	20mm	70mm	aged bronze
GZ/BRONZE FLANGE/B	wall/tree/surface fixing plate for GZ/Bronze 2, 4, 6, 8, 11 & 13	20mm	70mm	verdigris
GZ/BRONZE ADAPTER A/B	for adding to poles when fittings such as GZ/BRONZE5 & 6 need to be shining downwards	70mm	25mm	aged bronze or verdigris

Garden Zone



plug
& go

GZ/BRONZE1



plug
& go

GZ/BRONZE2



plug
& go

GZ/BRONZE3



GZ/BRONZE3
shown with flange, spike & pole

Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE1	spot light* ¹	130mm	55mm	-	3 x 1W high power LED	12V	IP44	aged bronze
GZ/BRONZE2	spot light* ¹	130mm	55mm	-	3 x 1W high power LED	12V	IP44	verdigris
GZ/BRONZE3	spot light* ²	130mm	63mm	-	3 x 1W high power LED	12V	IP44	aged bronze

*¹ Flange included. *² Spike included.

5 YEAR
GUARANTEE



GZ/BRONZE4



GZ/BRONZE4
shown with flange, spike & pole



GZ/BRONZE5



GZ/BRONZE5
shown with flange, spike & pole



GZ/BRONZE6



GZ/BRONZE6
shown with flange, spike & pole



Product Code	Description	Height	Width	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE4	spot light *	130mm	63mm	-	3 x 1W high power LED	12V	IP44	verdigris
GZ/BRONZE5	spot light *	130mm	63mm	-	3 x 1W high power LED	12V	IP44	aged bronze
GZ/BRONZE6	spot light *	130mm	63mm	-	3 x 1W high power LED	12V	IP44	verdigris

*Spike included.

Garden Zone



plug & go

GZ/BRONZE7



plug & go

GZ/BRONZE8

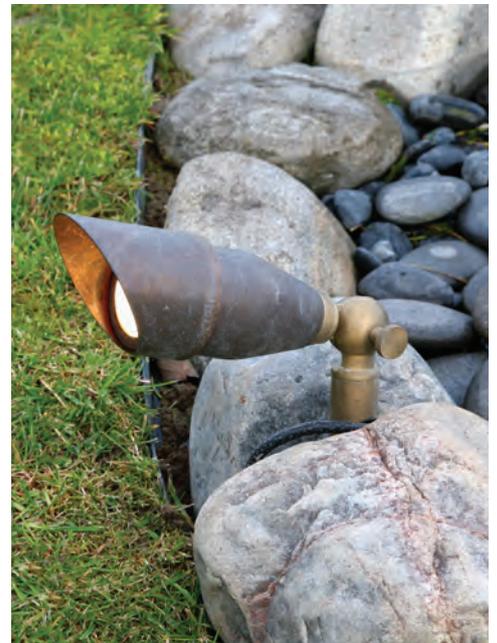


Solid Copper will naturalise to a darker colour unless polished



plug & go

GZ/BRONZE9



plug & go

GZ/BRONZE14



plug & go

GZ/BRONZE15

Cutout hole for Bronze 14 & 15 fittings
Ø = 146mm

Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE7	spot light* ¹	220mm	100mm	3 x 1W high power LED	12V	IP44	aged bronze
GZ/BRONZE8	spot light* ¹	220mm	100mm	3 x 1W high power LED	12V	IP44	verdigris
GZ/BRONZE9	spot light* ¹	130mm	55mm	3 x 1W high power LED	12V	IP44	raw copper & brass
GZ/BRONZE14	in-ground tiltable spot* ²	146mm	190mm	3 x 1W high power LED	12V	IP44	aged bronze
GZ/BRONZE15	in-ground tiltable spot* ²	146mm	190mm	3 x 1W high power LED	12V	IP44	verdigris

*¹Spike included. *² NOT suitable for driving over.

5 YEAR
GUARANTEE



plug
& go

GZ/BRONZE11



plug
& go

GZ/BRONZE10



plug
& go

GZ/BRONZE12



plug
& go

GZ/BRONZE13

Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE10	mini floodlight *	50mm	100mm	2 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE11	mini floodlight *	50mm	100mm	2 x 1.2W high power LED	12V	IP44	verdigris
GZ/BRONZE12	floodlight*	100mm	130mm	4 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE13	floodlight*	100mm	130mm	4 x 1.2W high power LED	12V	IP44	verdigris

*Spike included.

Garden Zone



GZ/BRONZE16

plug
& go



GZ/BRONZE17

plug
& go



Solid Copper will naturalise to a darker colour unless polished



GZ/BRONZE20

plug
& go



GZ/BRONZE18

plug
& go



GZ/BRONZE19

plug
& go

Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE16	round pagoda light*	500mm	190mm	1 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE17	round pagoda light*	500mm	190mm	1 x 1.2W high power LED	12V	IP44	verdigris
GZ/BRONZE18	hex pagoda light*	500mm	190mm	1 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE19	hex pagoda light*	500mm	190mm	1 x 1.2W high power LED	12V	IP44	verdigris
GZ/BRONZE20	round pagoda light*	500mm	180mm	1 x 1.2W high power LED	12V	IP44	raw copper & brass

*Spike included.

5 YEAR
GUARANTEE



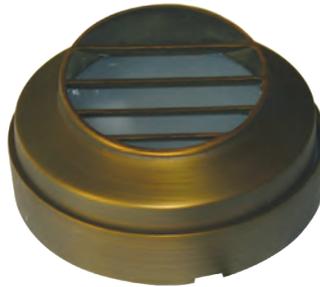
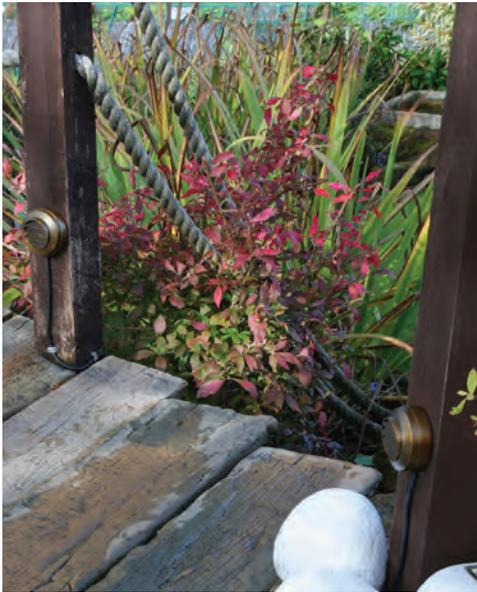
plug
& go

GZ/BRONZE21



plug
& go

GZ/BRONZE22



plug
& go

GZ/BRONZE23



plug
& go

GZ/BRONZE24

Product Code	Description	Height	Projection	Light Source	Voltage	IP Rating	Material/colour
GZ/BRONZE21	round mini eyelid light	85mm	50mm	1 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE22	round mini eyelid light	85mm	50mm	1 x 1.2W high power LED	12V	IP44	verdigris
GZ/BRONZE23	round mini wall light	85mm	50mm	1 x 1.2W high power LED	12V	IP44	aged bronze
GZ/BRONZE24	round mini wall light	85mm	50mm	1 x 1.2W high power LED	12V	IP44	verdigris



The Beta collection is a series of products manufactured from die-cast aluminium with styles that suit outside walls, flower beds, pathways, decking, fencing and trees.



Product Code	Description	Height	Width	Light Source	Voltage	IP Rating	Material/colour
GZ/BETA11	aluminium floodlight	275mm	175mm	9 x 1W high power LED	12V	IP65	dark grey
GZ/BETA12	aluminium spotlight	75mm	150mm	3 x 1W high power LED	12V	IP54	matt silver
GZ/BETA6	aluminium 4-ring bollard	370mm	110mm	3 x 1W high power LED	12V	IP54	aged iron

GENERAL FITTINGS

- 1. FINISHES.** Many of the finishes used on these ranges are hand applied (patinated) and some small variations and irregularities in the finish are to be expected. This is part of the process of manufacture and, far from being a problem, it is an important part of the nature of hand made and hand finished items.
- 2. LAMP-HOLDER TYPES.** Most fittings are constructed with either E14 lamp-holders (small Edison screw, sometimes referred to as SES or with E27 lamp-holders (standard Edison screw, sometimes referred to as ES. Appropriate E14 and E27 lamps are widely available in a range of styles, wattages and light sources including incandescent, compact fluorescent and LED. Some of these lamp-holders are now supplied with threaded skirts, together with candle tubes and shade rings. This means that these products can be used either as a fitting with candle tubes and candle lamps, or with glass using the shade ring. Additionally we make certain fittings which use G9 and GX53 lamps. Lamps are usually supplied with these fittings.
- 3. WATTAGES.** Most fittings shown in the catalogue are shown with Maximum Wattage recommendations. These recommendations are calculated mainly by heat capability, as there is a correlation between heat and wattage. However, in many countries traditional incandescent lamps, such as 100W GLS are no longer available. There are now many new versions of lamps in the market, lower wattage but similar light performance such as halogen replacement, compact fluorescent and LED. Most fittings wattage capacity and certification has been based on the criteria using an Incandescent lamp and so when choosing lamps, please take care to ensure that wattages specified are of no more than the equivalent original incandescent lamps. In the case of LED, the wattages are far lower, but some of these can still run very hot, not dissimilar to incandescent of much higher power.
- 4. OPTIONAL FITTING GLASS & CLIP SHADES.** As partly detailed in paragraph 2, many of the ranges shown in this catalogue are featured with "optional glass" or "optional shades". Where this is referred to, and glass or shades are preferred, please order the glass or shade reference and quantity separately.
- 5. FLUSH CONVERT/DUAL MOUNT.** Many of the interior ranges have also been constructed with the ability for the fitting to be easily modified from being a chain fitting into a semi-flush fitting. Note that once converted to semi-flush it is not then possible to easily convert back to a chain fitting, as some re-wiring is likely to be required.
- 6. CUSTOMISATION.** Some of our ranges supplied in matt black can be relatively easily patinated into finishes such as Black/Gold, Black/Copper etc. Equally, for chain suspended fittings that need extra chain and cable, these can also be relatively easily undertaken. Both such modifications may incur longer lead times and will have small additional costs added to the price. (See current Elstead Terms and Conditions.) Beyond this, with appropriate lead time and client budget, more specialised changes can be undertaken such as different colours completely, changes to dimensions and design modifications and even fully bespoke fittings can be considered due to our varied manufacturing resources available.

EXTERIOR FITTINGS

- 1. INSTALLATION CARE AND MAINTENANCE.** When installing all outdoor lights it is recommended to lightly grease all threaded parts and screws / nuts to ensure that fittings can easily be disassembled for cleaning or lamp replacement. When handling certain fittings / finishes such as polished copper they can easily finger mark, so it is recommended that bare hands on these surfaces is kept to a minimum. Please retain receipt and installation instructions for future reference.
- 2. FINISH MAINTENANCE.** Many of our fittings are supplied in a natural finish, i.e. Polished Copper un-lacquered and Teak wood. These fittings can naturally age over time or to maintain their original appearance, treatment is needed, such as oil for teak, beeswax for brass and light oil for Copper and Stainless Steel. When handling finishes during maintenance, small marks may show which can be easily polished away if required. The alternative is to allow the material to age and weather naturally, which does no harm to the fitting. Additionally, when installing cast aluminium fittings, a light coating of beeswax or oil can give the finish extended life, especially when in coastal areas.
- 3. IP RATINGS.** All exterior fittings have an IP (Ingress Protection) rating which is a declaration of how much protection any product has against the ingress of both water and dust / particles. The minimum rating for an outdoor luminaire exposed to rain should be IP23 and the maximum can be up to IP68 (this can vary in different countries) which means the fitting is submersible. Most of our fittings are IP44 or greater and some of the Garden Zone models are up to IP67 meaning they can be covered by water up to a depth of 150mm, such as in-ground lights. See table on the opposite page for full classifications. Typically, the higher the numbers, the higher the performance.

PRODUCT WARRANTIES/GUARANTEES

GENERAL 2 YEAR GUARANTEE. All fittings supplied from this catalogue, both interior and exterior, have a manufacturer's minimum guarantee of 2 years. This means that in normal and fair service, (and without incorrect or inappropriate installation or location), any product sold by Elstead Lighting or its partners should have no fault develop within a minimum of 2 years from purchase. Any fault that is found is covered by guarantee to be repaired or replaced at the suppliers cost, within this period.

ALL Elstead warranties/guarantees do not cover out of pocket expenses or consequential costs.

LIMITED LIFETIME WARRANTY – This warranty relates to certain ranges/models shown in this catalogue which are produced of materials that have an exceptionally long life expectation, such as solid brass lanterns. These fittings may age over time, but will not deteriorate to an extent where they will no longer function for the purpose intended. The "Limited" element relates to component parts such as rubber seals, lamp-holders etc. which are repairable but are not covered by the Lifetime warranty.

3, 5, and 10 year Anti-corrosion guarantees. Many outdoor fittings have anti-corrosion guarantees stated on each relevant page. This guarantee relates to the corrosion of paintwork on cast aluminium or steel fittings, and excludes locations within 5 miles of the coastline. Fittings that have been damaged, repainted or cleaned with an aggressive cleaner may be excluded.

Prior to agreeing to replace any fittings, the company reserves the right for the original seller or a representative of the company to inspect the damaged parts and for photographic evidence to be supplied.

COASTAL COLLECTION 20 YEAR GUARANTEE. These fittings are designed to be placed in the toughest of conditions including right by the coastline without exclusion. This guarantee covers protection of the finish against corrosion or UV degradation.

LED Module and PIR Sensor guarantees. Within this catalogue there are a number of products incorporating PIR sensors or LED modules. Whilst the fittings themselves may have varying physical guarantees against corrosion, these electronic parts are covered by a 2 year guarantee against failure. After this period, they are still repairable and serviceable, either by the company or local supplier.

COMPLIANCE/APPROVALS

All products within this catalogue conform with the European Union Low Voltage Directive, BS EN 60598-1:2008, the product standard for luminaires recognised across Europe and all fittings are CE marked. Every luminaire is individually tested by Elstead Lighting to ensure that the product is electrically sound and meets the company's quality standards. A unique test / batch number is then applied to the fitting. Elstead Lighting products also have compliance in other countries around the world such as Saudi Arabia, Russia and Ukraine. Please contact us for further details or advise us of your local needs.

We are manufacturing members of the UK Lighting Industry Association and conform to all aspects of the Lighting Industry Association Code of Practice for luminaire production, for which we are annually inspected.

IP RATINGS

1st Digit	Short Description (Protection against ingress of solid bodies)	2nd Digit	Short Description (Protection against ingress of moisture)
0	Non-Protected	0	Non-protected
1	Protected against solid objects greater than 50mm dia.	1	Protected against dripping water falling vertically greater than 50mm diameter
2	Protected against solid objects greater than 12mm dia.	2	Protected against dripping water when the Luminaire is tilted up to 15° from its normal position
3	Protected against solid objects greater than 2.5mm dia.	3	Protected against spraying water falling on the Luminaire at any angle up to 60° from the vertical
4	Protected against solid objects greater than 1mm dia.	4	Protected against splashing water from any angle
5	Dust-protected	5	Protected against water jets from any direction
6	Dust-tight	6	Protected against powerful water jets
		7	Protected against immersion in water under defined conditions
		8	Protected against continuous submersion under manufacturers specified conditions

Example IP65 Dust-tight and protected against water jets from any direction.

ENERGY RATINGS FOR LUMINAIRES

Please see the relevant energy rating label for the corresponding lamp holder type.

Elstead LIGHTING

 This luminaire is compatible with bulbs of the energy classes:

A++
A+
A
B
C
D
E

874/2012 

E14 and E27 lamps

Elstead LIGHTING

 This luminaire contains built-in LED lamps.

A++
A+
A
B
C
D
E

LED

The lamps cannot be changed in the luminaire.

874/2012 

LED lamps

Elstead LIGHTING

 This luminaire is compatible with bulbs of the energy classes:

~~A++~~
~~A+~~
A
B
~~C~~
~~D~~
~~E~~

874/2012 

CFL lamps

Elstead LIGHTING

 This luminaire is compatible with bulbs of the energy classes:

A++
A+
A
B
C
D
E

874/2012 

G9 lamps