

12 VOLT GARDEN LIGHTING



PLUG
&
PLAY

12 VOLT
SIMPLE & SAFE

LED
TECHNOLOGY

ENERGY
SAVING

Garden Lights



REMOTE CONTROL

Techmar has enhanced its 12 volt lighting range with a unique universal 12 volt remote control with which garden lovers can easily operate their garden lighting.

In total, nine groups can be controlled from a distance. This innovative remote control is user friendly, well designed and fits perfectly in your hand thanks to its ergonomic form. The remote control can also be used for other 12 volt devices.

TIMER

Use the timer/sensor unit to switch your lights on and off automatically. (The security around your house will be improved significantly by using the timer). The timer can be set on a dusk and dawn circuit and also the number of hours can be set.



IN THE PRODUCT INFORMATION PAGE. 29 OF THIS BROCHURE YOU WILL FIND MORE INFORMATION ABOUT THE REMOTE CONTROL AND THE TIMER.

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12 VOLT – SIMPLE AND SAFE

The Garden Lights range is a single lamp system, designed and developed to design your own lighting plan to lighten up your garden in a safe and simple way.

12 volt (low voltage) is considered to be safe by European guide lines. Improved technology has now allowed 12 volt lighting to provide sufficient light output to illuminate gardens and create ambient and atmospheric light effects.

The safety and simplicity of this lighting system makes it possible for anyone to install this lighting themselves. The complete systems, from transformer to the fitting itself, is manufactured with watertight screw connectors so no tools will be necessary during installation. The assembly of the lamps may require a screwdriver.

Garden Lights is suitable for installation in both existing and new-build or renovated gardens.



OTHER LIGHT SOURCES

Lighting fitted with LED's can be replaced with 12 volt LED or halogen lamps.

LED TECHNOLOGY

A number of lights within our product range are fitted with LED's. Before now LED's (Light Emitting Diodes) only had a limited light output and were therefore only suitable for low level, ambient lighting effects such as car dashboards. They were also only available in a limited number of colours.

New technologies and production techniques have now resulted in LED's that are more powerful and versatile, making new applications possible. Now you can find them in cellular phones, traffic lights and in the rear brake lights in cars and now you can also find them in our garden lighting.

The big advantages of LED's are their extremely low energy consumption and the long life (15 x) compared with halogen lamps. An LED is also shock proof, runs far cooler than conventional lamps but can still be changed as easily. (with a few exceptions).

Lighting fitted with our LED's are extremely well suited for ambient and mood lighting applications.








SYSTEM EXPLANATION



FOR YOU TO LIGHT UP YOUR GARDEN AND GET THE BEST RESULTS WE ADVISE YOU TO TAKE THE FOLLOWING STEPS:

- 1  Choose your lighting within the Garden Lights product range
- 2  The total amount of watts of the chosen lighting determines the total amount of watts of the transformer (22, 60, 150 or 300 watt)
- 3  In case your system needs a 22 or 60 watt transformer it is recommended to start with a main cable 10 meter SPT-1W with 4 connectors, or with 6 meter SPT-1W extension cord or with a cable divider. In case your system requires a 150 or 300 watt transformer you are advised to start with a SPT-3W main cable, or with an extension cable 10 meter SPT-3 or a cable divider.

The location in the garden defines how many extension cables and cable connectors are needed.

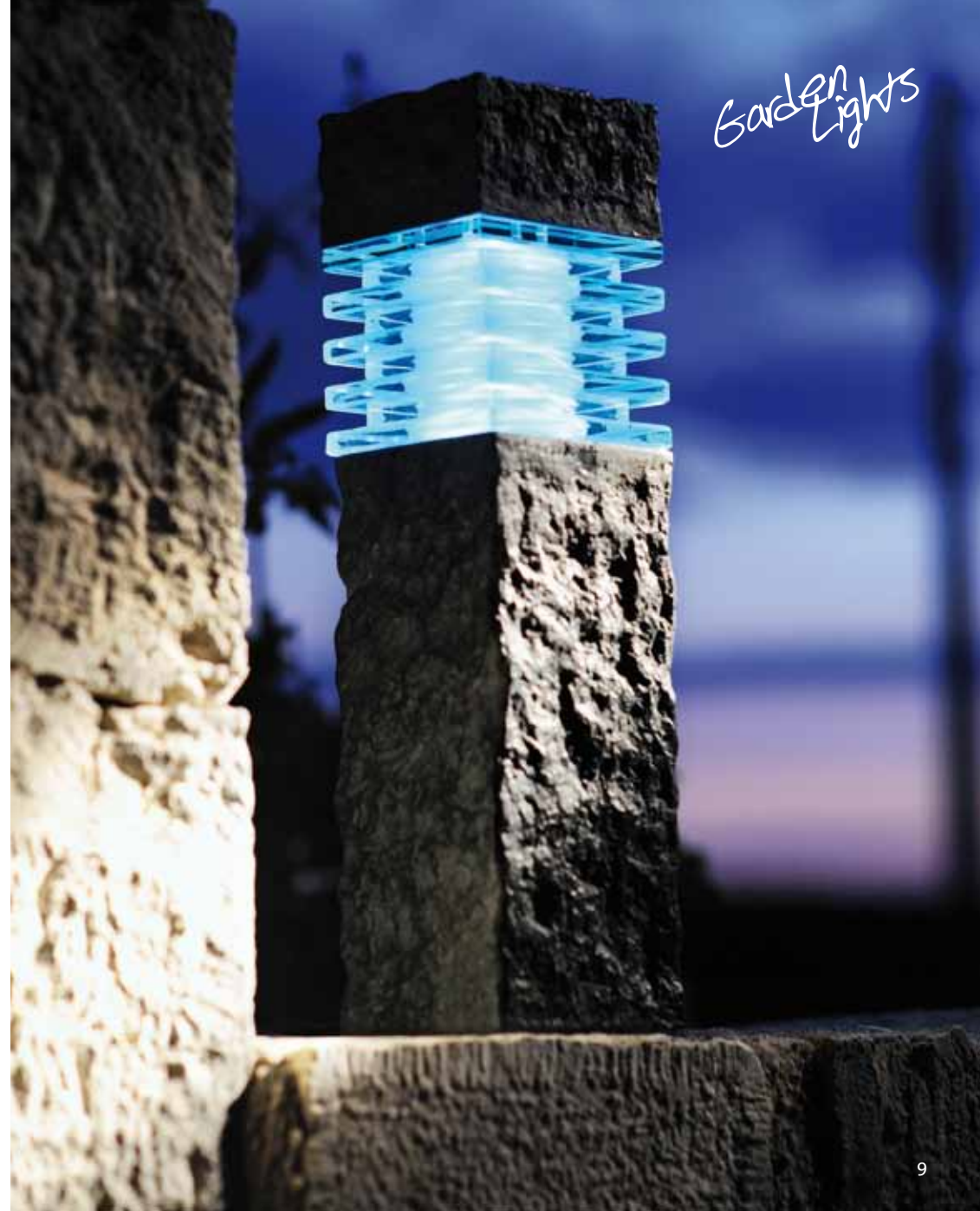
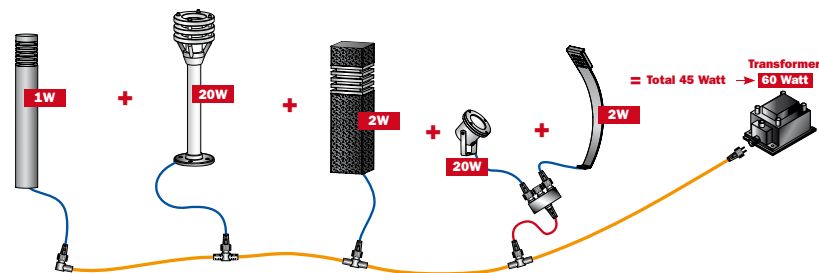
Now you can start the installation. Cables do not have to be dug into the ground and can be extended or adapted at any time.

The product range contains a number of different transformers, main cables, extension cables and cable connectors.



PLUG AND PLAY

Means simple to install and easy to illuminate. The Garden Lights product range offers you a series of lighting products that can be easily and safely installed by everybody and without an electrician. Each lamp is supplied with 2 metres cable with a watertight screw connector, which fits the connectors to the low voltage main cable. (our wall lamps are supplied with 3 metres of cable). It won't get any easier! All cables and transformers are supplied with these easy to use, watertight screw connectors.



YOU ONLY NEED A SCREW DRIVER TO INSTALL THIS PLUG & PLAY SYSTEM.

This simple system can be installed in both existing and new gardens.

✓ SCREW CONNECTION

From low voltage main cable to transformer.



✓ LED

This type of light source is energy saving and is consequently good for the environment and saves money. Many LED light sources within this range can be replaced.

The system behind the transformer is running on 12 volt. Each light fitting is provided with 2 metres of cable with connector, this connector can easily be connected to the fixed connection(s) on the low voltage main cable.





TIPS RECOMMENDATIONS


- ✓ It is advisable to put the cables (slightly) under the ground, in order to avoid damage by using garden/tools/machines.
- ✓ We recommend a maximum distance of 35 meter between transformer and lighting.
- ✓ Cable damage is not dangerous (12 volt) and can easily be repaired.
- ✓ It is advisable to put some grease on revolving parts e.g. screws etc. to make it easier to replace a lighting source in due course. It is also recommendable when replacing a light source to clean the complete fixture to ensure that it remains watertight.
- ✓ The transformer is approved for outdoor use and is protected against all weather circumstances.
- ✓ By using a timer catn. 6009011 with dusk to dawn sensor you can control the lighting hours.
- ✓ The total number of wattage of all light fixtures connected may never exceed the maximum capacity of the transformers (total watt).
- ✓ All plugs are suited for outdoor use and can be placed on or under the ground.
- ✓ In case optional light sources are applicable, they have been indicated. (both in LED and halogen) the numbers mentioned refer to the light sources on the accessory-page.

On questions or remarks please contact us:
info@garden-lights.nl


SYMBOLS ON PACKAGING

IP44 IP44  = approved for outdoor use

IP68  = approved for permanent under water use

LED  = Light fitting is provided with LED light source

SS 316 = Higher quality stainless steel

POWER LED  = Light fitting is provided with an extra strong LED light source

ATTENTION LED lighting source is replaceable by a new LED lighting source, except Axis, Astrum, Lotus, Aqua, Tabula, Decus and Deca.



www.garden-lights.nl

APPLICATIONS

THE GARDEN LIGHTS PRODUCT RANGE IS SUITED FOR MANY APPLICATIONS:

SPOTLIGHTS

To light certain details or features in the garden you can choose spotlights. These spotlights can be directed and are available in various models and materials.

UPLIGHTS/ORIENTATION LIGHTING

Another way to illuminate certain features is to apply uplights, fittings which illuminate details from a fixed position. (e.g. from the ground)

POST LIGHTING

Straight standing lighting can be placed along pathways, on lawns and between plants. These models are available with halogen lamps, light bulbs and LED's.

WALL LIGHTING

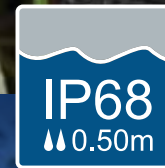
Wall lighting is fitted with LED or halogen lightsource. Simple to fix to fences/walls etc.

ATMOSPHERIC LIGHTING

Lighting with LED light sources or halogen lamps for atmospheric lighting in your garden, pathways, trees, and terrace.

Garden Lights

12 VOLT
SIMPLE & SAFE
LED TECHNOLOGY
PLUG & PLAY
ENERGY SAVING



UNDER WATER LIGHTING

A number of lighting products in our range are suited for permanent use under water. These models can be recognised by the IP68 logo on the packaging.





Nepos
3523401

3 4 5

Material: Poly resin and glass
 Colour: Stone effect white
 Dimension: 400 x 110 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 20W GU5.3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)



Titan
3537401

3 4 5

Material: Poly resin and glass
 Colour: Stone effect white
 Dimension: 600 x 110 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 20W GU5.3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)



Orion
4012601

1 2 4 5

Material: Stainless steel with plastic
 Colour: Stainless steel
 Dimension: 410 x 60 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED cylinder 12x white 12V 1W GU5.3
 Optional: 6072101 (LED)
 6015101 (Halogen, max. 10W)



Argos
4026601

1 2 4 5

Material: Stainless steel with plastic
 Colour: Stainless steel
 Dimension: 590 x 60 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED cylinder 12x white 12V 1W GU5.3
 Optional: 6072101 (LED)
 6015101 (Halogen, max. 10W)



Phobos
3538461

1 2 4 5

Material: Poly resin and glass
 Colour: Stone effect anthracite
 Dimension: 400 x 110 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: MR16 LED 20x white 12V 2W GU5.3
 Optional: 6061101 (LED)
 6023101 (LED)
 6049101 (Halogen, max. 20W)
 6096101 (Power LED)



Kolossos
3544461

1 2 4 5

Material: Poly resin and glass
 Colour: Stone effect anthracite
 Dimension: 600 x 110 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: MR16 LED 20x white 12V 2W GU5.3
 Optional: 6061101 (LED)
 6023101 (LED)
 6049101 (Halogen, max. 20W)
 6096101 (Power LED)



Albus
4024601

1 2 4 5

Material: Stainless steel with plastic
 Colour: Stainless steel
 Dimension: 410 x 60 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED cylinder 12x warm white 12V
 1W GU5.3
 Optional: 6071101 (LED)
 6015101 (Halogen, max. 10W)



Atila
4025601

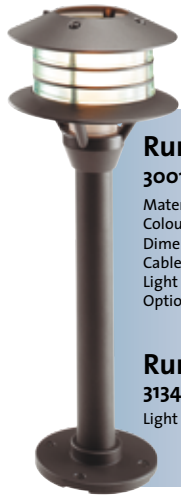
1 2 4 5

Material: Stainless steel with plastic
 Colour: Stainless steel
 Dimension: 610 x 60 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED cylinder 12x warm white 12V
 1W GU5.3
 Optional: 6071101 (LED)
 6015101 (Halogen, max. 10W)

- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessories

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Rumex
3001061

3 4 5

Material: Aluminum with glass
Colour: Anthracite
Dimension: 380 x 140 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen JC 12V 20W G4
Optional: 6071101 (LED)
6072101 (LED)

Rumex
3134171

Light source: Power LED warm white 12V 2W



Vitex
3002051

3 4 5

Material: Aluminum with glass
Colour: Silver
Dimension: 365 x 100 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen JC 12V 20W G4
Optional: 6071101 (LED)
6072101 (LED)

Vitex
3135171

Light source: Power LED warm white 12V 2W



Iberus
3047061

3 4 5

Material: Aluminum with glass
Colour: Anthracite
Dimension: 360 x 100 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen MR16 12V 20W GU5,3
6022101 (LED)
6061101 (LED)
6023101 (LED)
6096101 (Power LED)



Lilium
3045051

3 4 5

Material: Aluminum with glass
Colour: Silver
Dimension: 170 x 100 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen MR16 12V 20W GU5,3
6022101 (LED)
6061101 (LED)
6023101 (LED)
6096101 (Power LED)

Lilium
3136171

Light source: Power LED warm white 12V 2W



Helix
3003051

3 4 5

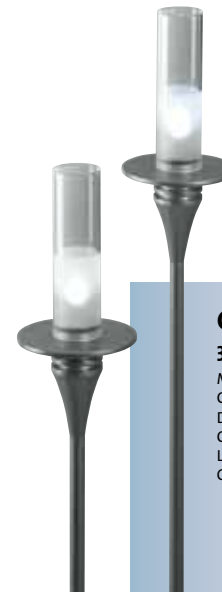
Material: Aluminum
Colour: Silver
Dimension: 365 x 100 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen JC 12V 20W G4
Optional: 6071101 (LED)
6072101 (LED)



Solaris
3043061

4

Material: Aluminum with glass
Colour: Anthracite/Silver
Dimension: 520 x 150 mm (HxW)
Cable: 2 meter SPT-1W with plug
Lightsource: Halogen JC 12V 20W G4



Gaura
3022052



1 2 4 5

Material: Aluminum with glass
Colour: Silver
Dimension: 625/850 x 75 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED white 12V 1W G4
6044101 (LED)
6045101 (LED)
6034101 (Halogen, max. 5W)



Tria
3025052

1 4 5

Material: Aluminum with plastic
Colour: Silver
Dimension: 320/380 x 20 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED white 12V 1W G4
Optional: 6044101 (LED)

- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessory

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Larix
2513061

4

Material: Plastic
Colour: Anthracite
Dimension: 315 x 100 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Wedge bulb 12V 10W T15



Laurus
2514061

4

Material: Plastic
Colour: Anthracite
Dimension: 365 x 120 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Wedge bulb 12V 10W T15



Lumos
3071071

1 2 4 5

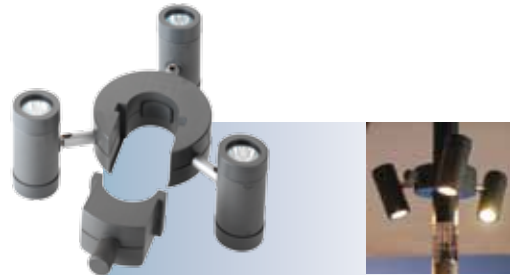
Material: Aluminum with plastic
Colour: Rust brown
Dimension: 580 x 230 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED cylinder 12x warm white 12V
1W GU5.3
Optional: 6071101 (LED)
6016101 (Halogen, max. 20W)



Lumo
3093071

1 2 4 5

Material: Aluminum with plastic
Colour: Rust brown
Dimension: 200 x 170 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED cylinder 12x warm white 12V
1W GU5.3
Optional: 6071101 (LED)
6016101 (Halogen, max. 20W)



Linum
2519061

1 4 5

Material: Plastic
Colour: Anthracite
Dimension: 160 x 60 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED unit 12x warm white 12V 2W
Optional: 1067101 (LED)



Sirculus
2509061

Material: Plastic
Colour: Anthracite
Dimension: 100 x 250 mm (HxW)
Cable: 10 meter with plug
Light source: Halogen MR11 12V 10W G4
Transformer: 12V 30W outdoor transformer

Suitable for pole thicknesses ϕ 28-50 mm

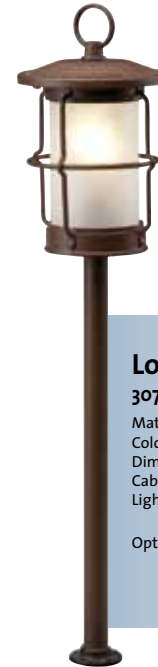
Not available in the UK



Locos
3072071

1 2 4 5

Material: Aluminum with glass
Colour: Rust brown
Dimension: 530 x 120 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED cylinder 12x warm white 12V
1W GU5.3
Optional: 6071101 (LED)
6016101 (Halogen, max. 20W)



Callisto
3094071

1 2 4 5

Material: Aluminum with glass
Colour: Rust brown
Dimension: 240 x 170 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED cylinder 12x warm white 12V
1W GU5.3
Optional: 6071101 (LED)
6016101 (Halogen, max. 20W)



- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessories

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Halo
3075061 **1 4 5**

Material: Aluminum with glass
Colour: Anthracite
Dimension: 100 x 100 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED unit 16x white 12V 2W
Optional: 1069101 (LED)



Deimos
3095011 **1 4**

Material: Aluminum
Colour: Anthracite
Dimension: 140 x 140 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED unit 7x white 12V 1W



Olympus
3049061 **1 4 5**

Material: Aluminum
Colour: Anthracite
Dimension: 410 x 80 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: LED unit 16x white 12V 2W
Optional: 1069101 (LED)



Corvus
3117011 **1 2 4 5**

Material: Aluminum
Colour: Black
Dimension: 190 x 135 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: MR16 Power LED warm white 12V 4W GU5.3
Optional: 6022101 (LED)
6061101 (LED)
6023101 (LED)
6057101 (Halogen, max. 50W)



Olympia
3074061 **1 4 5**

Material: Aluminum
Colour: Anthracite
Dimension: 320 x 80 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED unit 16x white 12V 2W
Optional: 1069101 (LED)



Lotus
4013601 **4**

Material: Stainless steel
Colour: Stainless steel
Dimension: 70 x 70 mm (HxW)
Cable: 3 meter SPT-1W with plug
Light source: LED unit 4x white 12V 0.3W



Minus
3096121 **1 4**

Material: Aluminum
Colour: Gun metal
Dimension: 70 x 90 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Power LED warm white 12V 2,5W



Elatus
3097121 **1 4**

Material: Aluminum
Colour: Gun metal
Dimension: 280 x 90 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Power LED warm white 12V 2,5W

- 1** These models have an exchangeable LED
- 2** These models are fitted with a LED which can be replaced by a halogen lamp
- 3** These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4** Mounting base, ground spike and mounting material included
- 5** Optional light sources can be ordered as accessories

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Arigo
4004601

3 4 5

Material: Stainless steel
 Colour: Stainless steel
 Dimension: 125 x 90 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: Halogen MR16 12V 20W GU5,3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)

IP68 (suited for use under water)



Focus
303101

3 4 5

Material: Aluminum
 Colour: Black
 Dimension: 180 x 150 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 20W GU5,3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)



Lapis
3522441

3 5

Material: Poly resin and stainless steel
 Colour: Grey
 Dimension: 110 x 145 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 20W GU5,3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)

Lapis
3522443

Wordt geleverd met:
 Transformer: 12V 60W outdoor transformer
 Maincable: 6 meter SPT-2W with extension cables

IP68 (geschikt voor onderwater)

3522443 not available in the UK



Planu
3525403

3 5

Material: Poly resin and aluminium
 Colour: Stone effect white
 Dimension: 110 x 145 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 10W GU5,3
 Transformer: 12V 30W outdoor transformer
 maincable: 6 meter SPT-1W with extension cables
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)

Not available in the UK



Dominus
3073051

3 4 5

Material: Aluminum
 Colour: Silver
 Dimension: 190 x 135 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 50W GU5,3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)



Cylon
3536501

3 5

Material: Poly resin
 Colour: Granite black
 Dimension: 100 x 100 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: Halogen MR16 12V 20W GU5,3
 Optional: 6022101 (LED)
 6061101 (LED)
 6023101 (LED)
 6096101 (Power LED)



Xerus
3540531

1 5

Material: Poly resin with glass
 Colour: Stone effect anthracite
 Dimension: 140 x 140 x 75 mm (LxWxH)
 Cable: 2 meter SPT-1W with plug
 Light source: LED unit 16x white 12V 2W
 Optional: 1069101 (LED)

IP68 (suited for use under water)



Exillis
3541531

1 5

Material: Poly resin with glass
 Colour: Stone effect anthracite
 Dimension: 200 x 100 x 75 mm (LxWxH)
 Cable: 2 meter SPT-1W with plug
 Light source: LED unit 15x white 12V 2W
 Optional: 1071101 (LED)

IP68 (suited for use under water)



- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessories

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Brevus

1 2 5

2520601

Material: Stainless steel and plastic
 Colour: Stainless steel
 Dimension: 52 x 70 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED unit 6x white 2V 1W
 Drill hole: Ø 60 mm
 Optional: 1066101 (LED)
 6015101 (Halogen, max. 10W)

IP68 (suited for use under water)



Hibria

1 2 5

4005601

Material: Stainless steel and plastic
 Colour: Stainless steel
 Dimension: 110 x 115 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 12x white 12V 2W
 Drill hole: Ø 90 mm
 Optional: 1068101 (LED)
 6037101 (Halogen, max. 10W)
 6096101 (Power LED)

IP68 (suited for use under water)



Sirius

1 2 5

4039601

Material: Stainless steel 316 and plastic
 Colour: Stainless steel
 Dimension: 52 x 70 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 6x warm white 2V 1W
 Drill hole: Ø 60 mm
 Optional: 1065101 (LED)
 6015101 (Halogen, max. 10W)

IP68 (suited for use under water)



Aureus

1 2 5

4041601

Material: Stainless steel 316 and plastic
 Colour: Stainless steel
 Dimension: 110 x 115 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 12x warm white 12V 2W
 Drill hole: Ø 90 mm
 Optional: 1067101 (LED)
 6037101 (Halogen, max. 10W)
 6096101 (Power LED)

IP68 (suited for use under water)



Brevia

1 2 5

4016601

Material: Stainless steel and plastic
 Colour: Stainless steel
 Dimension: 70 x 70 mm (HxW)
 Cable: 2 meter SPT-1W with plug
 Light source: LED unit 6x white 12V 1W
 Drill hole: Ø 60 mm
 Optional: 1066101 (LED)
 6015101 (Halogen, max. 10W)

IP68 (suited for use under water)



Hybra

1 2 5

4015601

Material: Stainless steel and plastic
 Colour: Stainless steel
 Dimension: 115 x 115 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 12x white 12V 2W
 Drill hole: Ø 90 mm
 Optional: 1068101 (LED)
 6037101 (Halogen, max. 10W)
 6096101 (Power LED)

IP68 (suited for use under water)



Leda

1 2 5

4040601

Material: Stainless steel 316 and plastic
 Colour: Stainless steel
 Dimension: 70 x 70 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 6x warm white 12V 1W
 Drill hole: Ø 60 mm
 Optional: 1065101 (LED)
 6015101 (Halogen, max. 10W)

IP68 (suited for use under water)



Elara

1 2 5

4042601

Material: Stainless steel 316 and plastic
 Colour: Stainless steel
 Dimension: 115 x 115 mm (HxW)
 Cable: 2 meter rubbercable with plug
 Light source: LED unit 12x warm white 12V 2W
 Drill hole: Ø 90 mm
 Optional: 1067101 (LED)
 6037101 (Halogen, max. 10W)
 6096101 (Power LED)

IP68 (suited for use under water)

- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessories

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



Astrum
3029601 (white)
3037601 (blue)

Material: Aluminum and stainless steel
Colour: Stainless steel
Dimension: 28 x 40 mm (HxW)
Cable: 2x1 meter SPT-1W with plugs
Light source: LED 12V 0.3W
Drill hole: Ø 30 mm

IP68 (suited for use under water)



Alpha
4048601 (warm white)
4059601 (blue)

1 5

Material: Stainless steel 316 and plastic
Colour: Stainless steel
Dimension: 42 x 40 mm (HxW)
Cable: 2x1 meter SPT-1W with plugs
Light source: LED unit 3x 12V 0.5W
Drill hole: Ø 30 mm

IP68 (suited for use under water)



Umbra
3032601

3 4

Material: Aluminum and stainless steel
Colour: Stainless steel
Dimension: 85 x 105 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen MR16 12V 20W GU5.3
Drill hole: Ø 70 mm
Optional: 6022101 (LED)
6061101 (LED)
6023101 (LED)
6096101 (Power LED)



Hortus
3099121

3 5

Material: Aluminum
Colour: Gun metal
Dimension: 110 x 180 mm (HxW)
Cable: 2 meter SPT-1W with plug
Light source: Halogen MR16 12V 50W GU5.3
Optional: 6022101 (LED)
6061101 (LED)
6023101 (LED)
6096101 (Power LED)



Axis
3038601 (white)
3039601 (blue)

4

Material: Aluminum and stainless steel
Colour: Stainless steel
Dimension: 28 x 70 mm (HxW)
Cable: 2x1 meter SPT-1W with plugs
Light source: LED white 12V 0.3W
Drill hole: Ø 25 mm

IP68 (suited for use under water)



Decus
8002601

Material: Resin
Colour: Transparent
Dimension: 32 x 25 mm (HxW)
Cable: 5 meter rubbercable with plug
Light source: LED 6x warm white 12V 1W

Deca
8004601

Dimension: 45 x 40 mm (HxW)
Light source: LED 12x warm white 12V 2W

IP68 (suited for use under water)



Aqua
8007601

Material: Stainless steel 316
Colour: Stainless steel
Dimension: 55 x 30 mm (HxB), hose Ø 3/4"
Cable: 5 meter SPT-1W with plug
Light source: LED 6x warm white 12V 1W



Tabula
8008601

Dimension: 50 x 50 (HxB), hose Ø 1"
Light source: LED 12x warm white 12V 2W

IP68 (suited for use under water)



Linea
7501012 (warm white 2W)

Material: Plastic
Colour: Black
Dimension: 35 x 5 mm (HxW)
Cable: 8 meter (last 5 meter with 48x LED's)
Extra: Controller with 8 different modes

Linea
7503011 (warm white 2W)

Cable: 5 meter cable with 48x LED's

Only in combination with Linea (7501012)

7506011 (5 meter extension cable for Linea)
7505011 (cable connector with 5 connections for Linea)

- 1 These models have an exchangeable LED
- 2 These models are fitted with a LED which can be replaced by a halogen lamp
- 3 These models are fitted with a halogen lamp which can be replaced by an energy saving LED

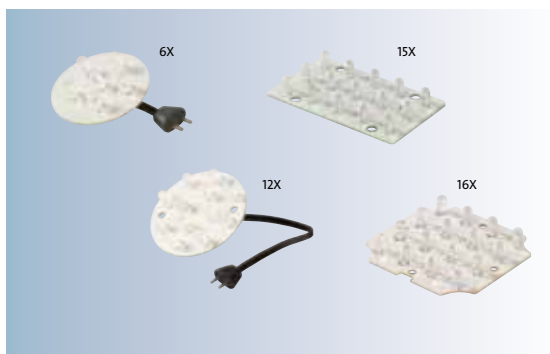
- 4 Mounting base, ground spike and mounting material included
- 5 Optional light sources can be ordered as accessory

Mentioned heights are without ground spike and mounting base. All fixtures are suited for outdoor use.



LED

- 1168101 (MR11 power LED warm wit 12V 2W GU5,3)
- 6096101 (MR16 Power LED warm white 12V 4W GU5,3)
- 6022101 (MR16 LED 20x white 12V 2W GU5,3)
- 6061101 (MR16 LED 20x warm white 12V 2W GU5,3)
- 6023101 (MR16 LED 20x blue 12V 2W GU5,3)
- 6071101 (LED cylinder 12x white 12V 1W GU5,3)
- 6072101 (LED cylinder 12x warm white 12V 1W GU5,3)
- 6033101 (LED white 12V 1W G4)
- 6044101 (LED warm white 12V 1W G4)
- 6045101 (LED flame effect 12V 1W G4)



LED units

- 1170101 (LED unit 6x blue 12V 1W GU5,3)
- 1065101 (LED unit 6x white 12V 1W GU5,3)
- 1066101 (LED unit 6x warm white 12V 1W GU5,3)
- 1067101 (LED unit 12x white 12V 2W GU5,3)
- 1068101 (LED unit 12x warm white 12V 2W GU5,3)
- 1069101 (LED unit 16x warm white 12V 2W)
- 1070101 (LED unit 16x white 12V 2W)
- 1071101 (LED unit 15x warm white 12V 2W)
- 1072101 (LED unit 15x white 12V 2W)



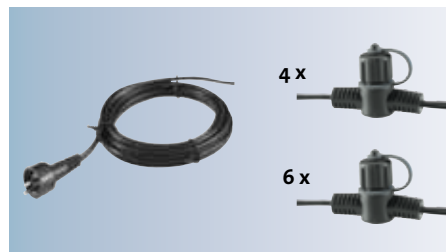
Halogen lamps

- 6034101 (JC 12V 5W G4)
- 6015101 (JC 12V 10W G4)
- 6016101 (JC 12V 20W G4)
- 6001101 (MR11 12V 10W G4)
- 6037101 (MR16 12V 10W GU5,3)
- 6049101 (MR16 12V 20W GU5,3)
- 6057101 (MR16 12V 50W GU5,3)



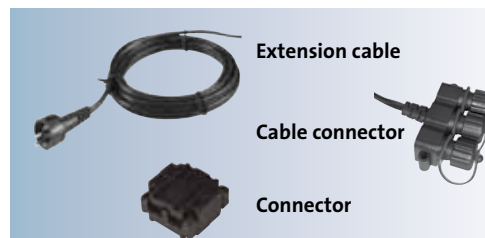
Lights bulbs

- 6002101 (wedge bulb 12V 5W T15)
- 6003101 (wedge bulb 12V 7W T15)
- 6004101 (wedge bulb 12V 10W T15)



Low voltage maincables

- 6007011 10 meter with 4 connectors (SPT-1W, Max. 120W) to combine with 22W en 60W transformers
- 6008011 15 meter with 6 connectors (SPT-3, Max 150W) to combine with 150W transformer



- 6005011 (6 meter SPT-1W, Max 120W)
- 6056011 (10 meter SPT-3, Max 150W) (5 meter extension cable for Linea)
- 6006011 (15cm SPT-2W with 3 connectors, max 150W) (Cable connector with 5 connections for Linea)



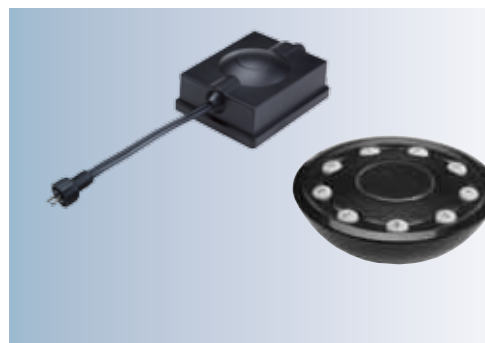
Transformers

- | | |
|-------------------------------------|-------------------------------------|
| EU | UK |
| 6010011 (max. 21W) - plug in | 6046011 (max. 22W, 2m cable) |
| 6011011 (max. 60W, 2m cable) | 6047011 (max. 60W, 2m cable) |
| 6012011 (max. 150W, 2m cable) | 6048011 (max. 150W, 2m cable) |
| 6120011 (300W max. 150W per outlet) | 6109011 (300W max. 150W per outlet) |



12V Timer + dark-light sensor

- 6009011
- On/off - dark/light
- 1-9 hours
- Max. 150W



12V remote control + outdoor receiver

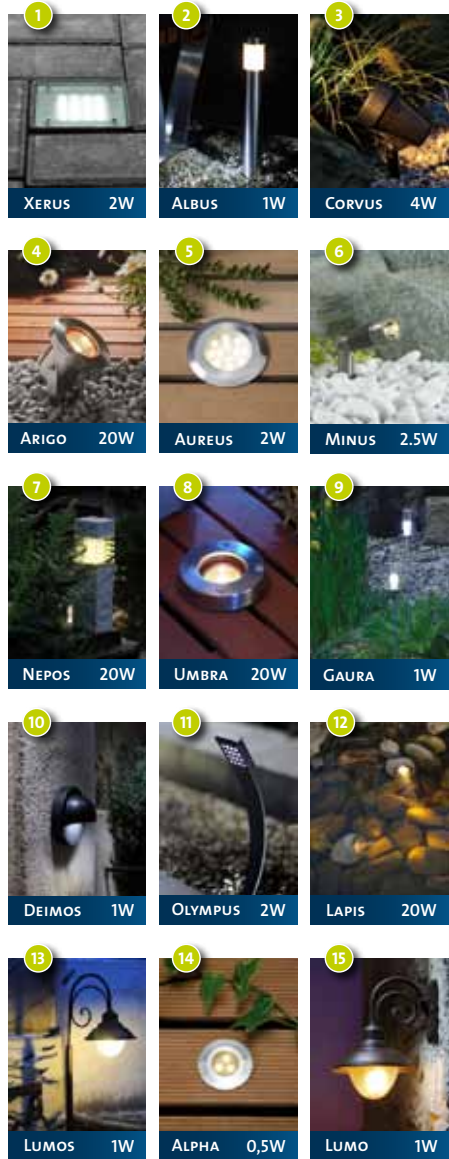
- 6148011 (12V remote + receiver, max 150W)
- 6149011 (12V receiver, max 150W)
- Suitable for 12V AC-DC applications (universal)
- Unlimited amount of 12V applications can be connected to one receiver (up to max.150W)
- Control 9 groups of receivers separately with one remote control
- Range approx. 40 metres (in open area)
- Receiver suitable for outdoor use (IP44)



LIGHTING PLAN



LIGHTING CHOICE



2

TRANSFORMER CHOICE

Garden Lights

STANDARD LIGHTSOURCE

2	2 x 1	Watt	2
3	2 x 4	Watt	8
4	1 x 20	Watt	20
5	2 x 2	Watt	4
6	1 x 2,5	Watt	2,5
7	3 x 20	Watt	60
8	1 x 20	Watt	20
9	2 x 1	Watt	2
10	1 x 1	Watt	1
11	2 x 2	Watt	4
12	1 x 20	Watt	20
13	2 x 1	Watt	2
14	5 x 0,5	Watt	2,5

Total 148 Watt

150 Watt transformer

1	2 x 2	Watt	4
8	2 x 20	Watt	40
15	2 x 1	Watt	2

Total 46 Watt

60 Watt transformer



MR16 4W
POWER LED

LED LIGHTSOURCE

2	2 x 1	Watt	2
3	2 x 4	Watt	8
4	1 x 4	Watt	4
5	2 x 2	Watt	4
6	1 x 2,5	Watt	2,5
7	3 x 4	Watt	12
8	1 x 4	Watt	4
9	2 x 1	Watt	2
10	1 x 1	Watt	1
11	2 x 2	Watt	4
12	1 x 4	Watt	4
13	2 x 1	Watt	2
14	5 x 0,5	Watt	2,5

Total 52 Watt

60 Watt transformer

1	2 x 2	Watt	4
8	2 x 4	Watt	8
15	2 x 1	Watt	2

Total 14 Watt

21 Watt transformer

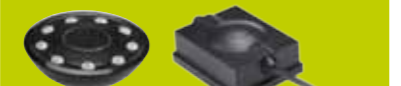
OTHER ACCESSORIES

12V TIMER + DARK-LIGHT SENSOR



6009011 - 12V 150 Watt max

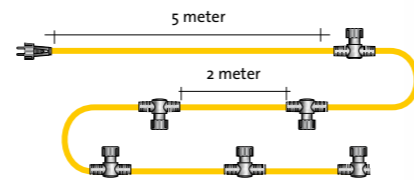
12V REMOTE + RECEIVER



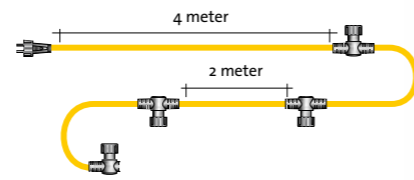
6148011 - max 150W

3

CABLE CHOICE



15 meter SPT-3 main cable 6 connections max 150W



10 meter SPT-1W main cable 4 connections max 120W



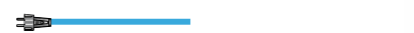
cable divider with 3 connections max 150W



10 meter SPT-3 extension cable max 150W



6 meter SPT-1W extension cable max 120W



cable fixed to lamp

