12 VOLT OUTDOOR LIGHTING
DO IT YOURSELF!

12
VOLT SIMPLE & SAFE

PLUG
&
PLAY

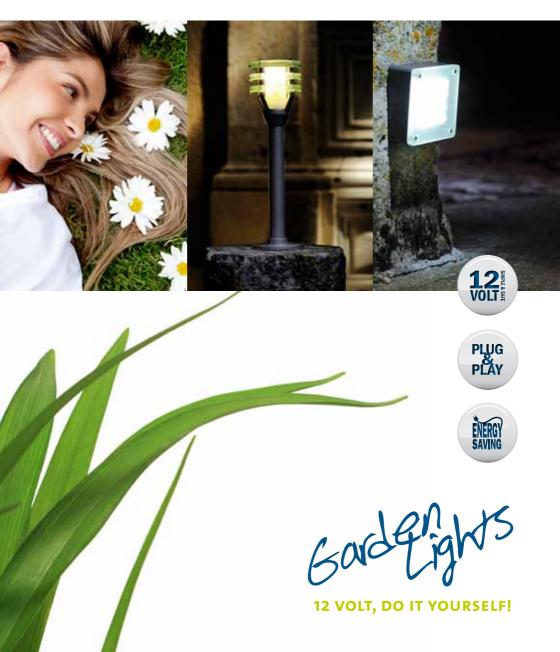**ENERGY**
SAVING

GardenLights

12 VOLT, DO IT YOURSELF!

12 VOLT OUTDOOR LIGHTING
DO IT YOURSELF!

12 VOLT SIMPLE & SAFE
VERY EASY AND SAFE TO DESIGN, INSTALL AND CHANGE YOUR OWN LIGHTPLAN

PLUG & PLAY
CONNECTABLE CABLES AND LIGHTS

ENERGY SAVING
SAVE ENERGY BY USING LED

Garden Lights

12 VOLT, DO IT YOURSELF!

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12 volts – very simple and safedo it yourself!

12 volts (low tension) is considered by European directives as being very safe. Improved technology sees to it that 12 volts lighting lights up your garden in a well-lit and atmospheric way. The whole system from transformer to luminaries is supplied with screw connectors for which no tools need to be used during the installation process and no groundwork is needed for installation.

Furthermore, every completed system is always easy to modify and/or customize. The safety and simplicity of this system thus makes it possible for everyone, without an installer, to put in place this lighting themselves. **12 VOLT, DO IT YOURSELF!**
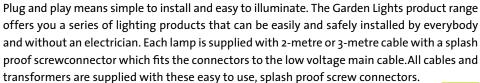
LED technologie

The Garden Lights range consists largely of lights equipped with LEDs and PowerLeds. LEDs (Light Emitting Diodes) are available in the colors warm-white, white and blue. The big advantages of LEDs are the extremely low energy usage and the long life-span. LEDs are also shock-resistant and have a low heat emission. Many elements with LED are suitable for permanent use under water (IP68).

Most LED light sources/products in the Garden Lights range are easily replaceable. Lighting that is not equipped with LED's consists of 12 Volt electrical bulbs or halogen bulbs. Of course halogen bulbs are easily replaceable with an LED light source.

System Explanation

PLUG & PLAY

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-metre or 3-metre cable with a splash proof screwconnector which fits the connectors to the low voltage main cable. All cables and transformers are supplied with these easy to use, splash proof screw connectors.

1 Lighting choice

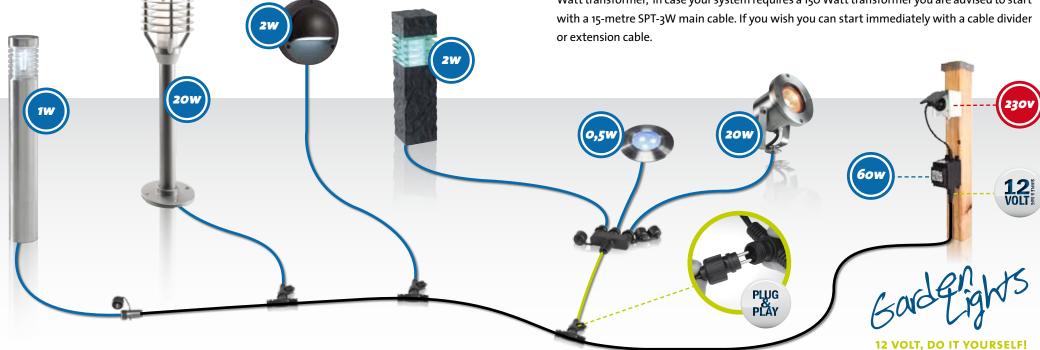Choose from our range your lighting.

2 Transformer choice

The total wattage from your choice of lighting determines the wattage of the transformer (21, 60 or 150 Watt).

3 Cable choice

Depending on your choice of transformer you can start with a main cable or a cable divider or an extension cable. Please take a 10-metre SPT-1W main cable if you are choosing a 21 or 60 Watt transformer, In case your system requires a 150 Watt transformer you are advised to start with a 15-metre SPT-3W main cable. If you wish you can start immediately with a cable divider or extension cable.

2W

2W

1W

20W

0,5W

20W

60W

230V

12 VOLT SIMPLE & SAFE

PLUG & PLAY

Garden Lights

12 VOLT, DO IT YOURSELF!

Installation tips

Important tips for installing the Gardenlights System

✓ It is advisable to put the cables slightly under the ground

✓ We recommend a maximum distance of 35 meters between transformer and lighting

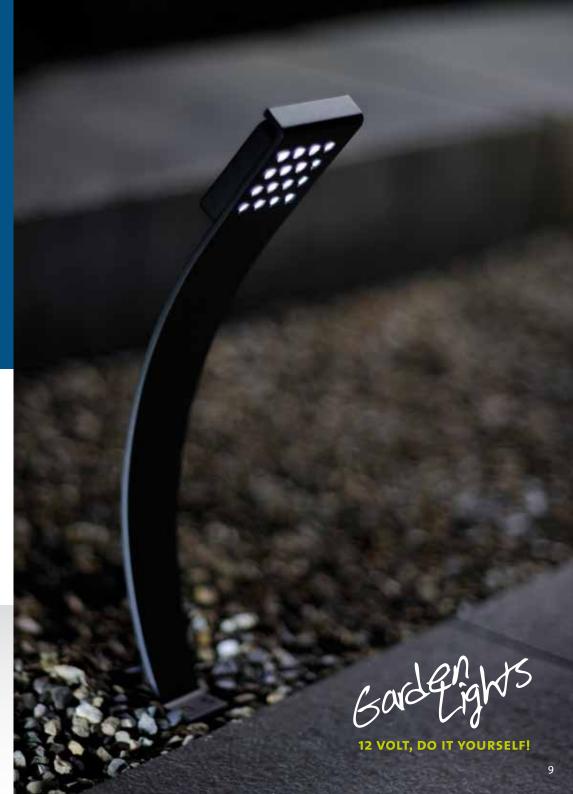✓ For your own safety around your house please install our timer and/or our sensor

✓ You can use our 12 volts remote control for controlling 9 groups of lamps in Total

✓ It is recommended when replacing a light source to clean the complete fixture to ensure that it remains watertight

Tip!

Use our system for the benefit of safety and comfort around your home and garden

12V motion sensor

12V Timer + dusk-dawn sensor

12V remote + receiver

Garden Lights

12 VOLT, DO IT YOURSELF!

Post lighting

Most lamps of our Garden Lights are supplied with a lightbulb which is replaceable (halogen or LED). It is, for example, very easy to replace a halogen lightbulb by an energy saving LED.

LED   **LED**   **LED**   **LED**

Albus
4024601
stainless steel
410 x 60 mm (HxW)
LED - warm white - 2W

Atila
4025601
stainless steel
610 x 60 mm (HxW)
LED - warm white - 2W

Orion
4012601
stainless steel
410 x 60 mm (HxW)
LED - white - 2W

Argos
4026601
stainless steel
590 x 60 mm (HxW)
LED - white - 2W

Aton Brown
9002211
resin wicker - glass
545 x 150 mm (HxW)
LED - warm white - 6W
POWER LED

Aton taupe
9004221
resin wicker - glass
555 x 165 mm (HxW)
LED - warm white - 6W
POWER LED

Triton Brown
9003211
resin wicker - glass
370 x 150 mm (HxW)
LED - warm white - 6W
POWER LED

Triton taupe
9005221
resin wicker - glass
380 x 165 mm (HxW)
LED - warm white - 6W
POWER LED

Rumex
3001061
aluminum - glass
380 x 140 mm (HxW)
halogen - 20W

Rumex
3134171
aluminum - glass
380 x 140 mm (HxW)
LED - warm white - 2W
POWER LED

Vitex
3002051
aluminum - glass
365 x 100 mm (HxW)
halogen - 20W

Vitex
3135171
aluminum - glass
365 x 100 mm (HxW)
LED - warm white - 2W
POWER LED

Nepos
3523401
poly resin - glass
400 x 110 mm (HxW)
halogen - 20W

Titan
3537401
poly resin - glass
600 x 110 mm (HxW)
halogen - 20W

Phobos
3538461
poly resin - glass
400 x 110 mm (HxW)
LED - white - 2W
LED

Kolossos
3544461
poly resin - glass
600 x 110 mm (HxW)
LED - white - 2W
LED

Helix
3003051
aluminum - glass
365 x 100 mm (HxW)
halogen - 20W

Iberus
3047061
aluminum - glass
360 x 100 mm (HxW)
halogen - 20W

Lilium
3045051
aluminum - glass
170 x 100 mm (HxW)
halogen - 20W

Lilium
3136171
aluminum - glass
170 x 100 mm (HxW)
LED - warm white - 2W
POWER LED

Spotlights

Solaris
3043061
aluminum - glass
520 x 150 mm (HxW)
halogen - 20W

Tria
3025052
aluminium - acrylic
320/380 x 20 mm (HxW)
LED - white - 1W

Laurus
2514061
plastic
365 x 120 mm (HxW)
bulb - 10W

Larix
2513061
plastic
315 x 100 mm (HxW)
bulb - 10W

Focus
3031011
aluminium - glass
180 x 150 mm (HxW)
halogen - 20W

Arigo
4004601
stainless steel - glass
125 x 90 mm (HxW)
halogen - 20W

Arcus
3139011
aluminium - glass
120 x 110 mm (HxW)
no lightsource included

Protego
4091601
stainless steel - glass
140 x 120 mm (HxW)
no lightsource included

Locos
3072071
aluminium - glass
530 x 120 mm (HxW)
LED - warm white - 2W

Linum
2519061
plastic
160 x 60 mm (HxW)
LED - warm white - 2W

Olympus
3049061
aluminium
410 x 80 mm (HxW)
LED - white - 2W

Minus
3096121
aluminium - glass
70 x 90 mm (HxW)
LED - warm white - 2.5W

Elatus
3097121
aluminium - glass
280 x 90 mm (HxW)
LED - warm white - 2.5W

Corvus
3117011
aluminium - glass
190 x 135 mm (HxW)
LED - warm white - 4W

Dominus
3073051
aluminium - glass
190 x 135 mm (HxW)
halogen - 50W

Lapis
3522441
poly resin - glass
110 x 145 mm (HxW)
halogen - 20W

Lapis
3522443
poly resin - glass
110 x 145 mm (HxW)
halogen - 3 x 20W

Planu
3525403
poly resin - glass
110 x 145 mm (HxW)
halogen - 3 x 10W

Cylon
3536501
poly resin - alu - glass
100 x 100 mm (HxW)
halogen - 20W

IP68 = Suitable for underwater use (0.5m)

12

13

LED IP68

Alpha white
4112601

stainless steel 316
45 x 42 mm (HxW)
LED - white - 0.5W

LED IP68

Alpha warm white
4048601

stainless steel 316
45 x 42 mm (HxW)
LED - warm white - 0.5W

LED IP68

Alpha blue
4059601

stainless steel 316
45 x 42 mm (HxW)
LED - blue - 0.5W

LED IP68

Sirius blue
4113601

stainless steel 316
52 x 70 mm (HxW)
LED - blue - 1W

LED IP68

Sirius warm white
4039601

stainless steel 316
52 x 70 mm (HxW)
LED - warm white - 1W

LED IP68

Leda
4040601

stainless steel 316
52 x 70 mm (HxW)
LED - warm white - 1W

LED IP68

Aureus
4041601

stainless steel 316
110 x 115 mm (HxW)
LED - warm white - 2W

LED IP68

Elara
4042601

stainless steel 316
110 x 115 mm (HxW)
LED - warm white - 2W

LED IP68

Astrum white
3029601

stainless steel
28 x 40 mm (HxW)
LED - white - 0.3W

LED IP68

Astrum blue
3037601

stainless steel
28 x 40 mm (HxW)
LED - blue - 0.3W

LED IP68

Axis white
3038601

stainless steel
28 x 70 mm (HxW)
LED - white - 0.3W

LED IP68

Axis blue
3039601

stainless steel
28 x 70 mm (HxW)
LED - blue - 0.3W

LED IP68

Brevus
2520601

stainless steel
52 x 70 mm (HxW)
LED - white - 1W

LED IP68

Breva
4016601

stainless steel
52 x 70 mm (HxW)
LED - white - 1W

LED IP68

Hibria
4005601

stainless steel
110 x 115 mm (HxW)
LED - white - 2W

LED IP68

Hybra
4015601

stainless steel
110 x 115 mm (HxW)
LED - white - 2W

LED IP68

Atria warm white
4077601

stainless steel 316
45 x 42 mm (HxW)
LED - warm white - 0.5W

LED IP68

Atria blue
4092601

stainless steel 316
45 x 42 mm (HxW)
LED - blue - 0.5W

IP68 = Suitable for underwater use (0.5m)

LED IP68

Xerus
3540531

poly resin - glass
140 x 140 x 75 mm (LxWxH)
LED - white - 2W

LED IP68

Exillis
3541531

poly resin - glass
200 x 100 x 75 mm (LxWxH)
LED - white - 2W

Umbra
3032601

alu/stainless steel - glass
85 x 105 mm (HxW)
halogen - 20W

Hortus
3099121

aluminium - glass
110 x 155 mm (HxW)
halogen - 50W

Wall lighting

LED

Deimos white
3095011
aluminium
140 x 140 mm (HxW)
LED - white - 1W

LED

Deimos warm white
3132011
aluminium
140 x 140 mm (HxW)
LED - warm white - 1W

LED

Lumo
3093071
aluminium - glass
200 x 170 mm (HxW)
LED - warm white - 2W

LED

Callisto
3094071
aluminium - glass
240 x 170 mm (HxW)
LED - warm white - 2W

LED

Halo
3075061
aluminium - glass
100 x 100 mm (HxW)
LED - white - 2W

LED

Lotus
4013601
stainless steel
70 x 70 mm (HxW)
LED - white - 0.3W

LED

Olympia
3074061
aluminium
320 x 80 mm (HxW)
LED - white - 2W

Atmospheric lighting

LED
IP68

Decus
8002601
plastic
32 x 25 mm (HxW)
LED - warm white - 0,5W

LED
IP68

Deca
8004601
plastic
45 x 40 mm (HxW)
LED - warm white - 1W

LED
IP68

Tabula white
8003601
stainless steel 316
50 x 50 mm (HxW), hose ø 1"
LED - white - 2W

LED
IP68

Tabula warm white
8008601
stainless steel 316
50 x 50 mm (HxW), hose ø 1"
LED - warm white - 2W

LED
IP68

Fontana
8009431
plastic
50 x 31 mm (HxW), hose ø 3/4"
LED - warm white - 1W

Linea
7510012
plastic
10 meter (100 LEDs)
LED - warm white - 2W

LED

Linea extension
7511011
plastic
10 meter (100 LEDs)
LED - warm white - 2W

The Linea is a string of 100 LEDs for lighting up your trees, shrubs or other elements in your garden in a beautiful way. Article 7511011 is an addition of another 100 LEDs which can only be connected to the first string of 100 LEDs (Linea article 7510012).

Garden Lights

12 volt, do it yourself!

LED

6157011	(MR16 power LED warm white 12V 6W GU5.3)
6096101	(MR16 power LED warm white 12V 4W GU5.3)
6158011	(MR11 Power LED warm white 12V 2W G5.3)
6159011	(Power LED warm white 12V 2W G5.3)
6160011	(Power LED warm white 12V 2W T15)
6022101	(MR16 LED 20x white 12V 2W GU5.3)
6061101	(MR16 LED 20x warm white 12V 2W GU5.3)
6071101	(SMD LED cylinder 18x white 12V 2W GU5.3)
6072101	(SMD LED cylinder 18x warm white 12V 2W GU5.3)
6044101	(LED warm white 12V 1W G4)
6045101	(LED flame effect 12V 1W G4)

2W POWER LED   LED CYLINDER   MR16

MR11 POWER LED 2W   MR16 POWER LED 4W   MR16 POWER LED 6W

LED units

16X

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)
1078101	(LED unit 7x white 12V 1W)
1079101	(LED unit 7x warm white 12V 1W)

12X

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)

MR16   JC

Lights bulbs

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

WEDGE BULB

6X

4X

EXTENSION CABLE

CABLE CONNECTOR

CLICK CONNECTOR   SCREW CONNECTOR

12V maincables + cable accessories

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)
6006011	(15cm SPT-2W with 3 connectors, max 150W)
6013011	Click connector (SPT-1W > SPT-1W)
6014011	Click connector (SPT-1W > SPT-3)
6165011	Screw connector SPT-1W
6166011	Screw connector SPT-3
	Screwconnector (Also suitable as an additional connector)

Transformers

EU Plug
6010011 (max. 21W) - plug in
6011011 (max. 60W, 2m cable)
6012011 (max. 150W, 2m cable)
6120011 (300W max. 150W per outlet)

UK Plug
6046011 (max. 22W, 2m cable)
6047011 (max. 60W, 2m cable)
6048011 (max. 150W, 2m cable)

IP44

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)

12V Timer + dusk-dawn sensor

6009011
6 Watt energy consumption
On/off - dark/light
1-9 hours - Max. 150W
2 meter cable

12V motion sensor

6156011   (12V motion sensor, max 60W) - 3 meter cable

- Turns on automatically when approaching the detection area
- Detection area, horizontal 90° and vertical 45° up to 5m
- Adjustable switching time: 20 sec., 1 min. of 5 min.
- Not recommended in combination with timer and / or remote
- Wall mounting and ground spike included

LIGHTING PLAN

1 LIGHTING CHOICE

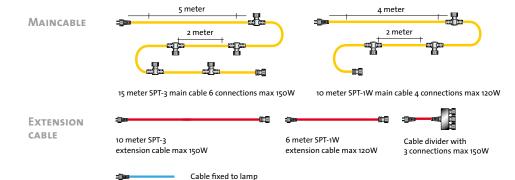|				
1 MINUS (2,5W)	**2** NEPOS (20W)	**3** ARIGO (20W)	**4** ALBUS (1W)	**5** DEIMOS (1W)
6 CORVUS (4W)	**7** OLYMPUS (2W)	**8** LAPIS (20W)	**9** ALPHA (0,5W)	**10** UMBRA (20W)

2 TRANSFORMER CHOICE

Some lamps of our Garden Lights range are supplied with a halogen lightbulb. By, for example, replacing a 20 watt halogen lightbulb by a 4 watt energy saving LED lightbulb you can save up to 80% energy.
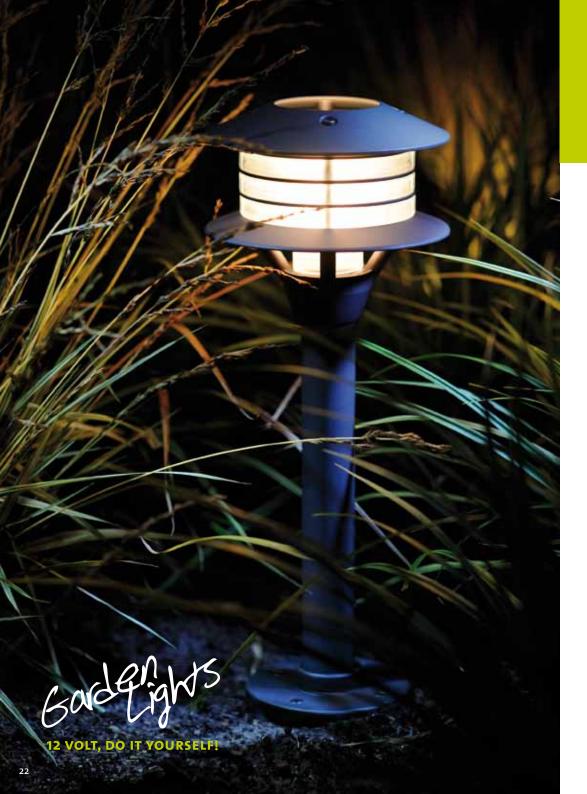By using 4 watt LED lightbulbs a 60 watt transformer instead of a 150 watt transformer will be sufficient.

Standard lightsource	LED Lightsource
1 1 x 2,5 Watt = 2,5 Watt	**1** 1 x 2,5 Watt = 2,5 Watt
2 2 x 20 Watt = 40 Watt →	**2** 2 x 4 Watt = 8 Watt
3 1 x 20 Watt = 20 Watt →	**3** 1 x 4 Watt = 4 Watt
4 2 x 1 Watt = 2 Watt	**4** 2 x 1 Watt = 2 Watt
5 1 x 1 Watt = 1 Watt	**5** 1 x 1 Watt = 1 Watt
6 2 x 4 Watt = 8 Watt	**6** 2 x 4 Watt = 8 Watt
7 2 x 2 Watt = 4 Watt	**7** 2 x 2 Watt = 4 Watt
8 1 x 20 Watt = 20 Watt →	**8** 1 x 4 Watt = 4 Watt
9 5 x 0,5 Watt = 2,5 Watt	**9** 5 x 0,5 Watt = 2,5 Watt
10 1 x 20 Watt = 20 Watt →	**10** 1 x 4 Watt = 4 Watt
Total = 120 Watt (150W)	**Total = 40 Watt** (60W)

3 CABLE CHOICE

MAINCABLE

5 meter · 2 meter — 15 meter SPT-3 main cable 6 connections max 150W

4 meter · 2 meter — 10 meter SPT-1W main cable 4 connections max 120W

EXTENSION CABLE

10 meter SPT-3 extension cable max 150W

6 meter SPT-1W extension cable max 120W

Cable divider with 3 connections max 150W

Cable fixed to lamp

Lighting plan

1 Lighting choice

ARTICLE NUMBER	MODEL	AMOUNT		WATTS PER LAMP		TOTAL WATTS PER LAMP
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
			✖		=	
		TOTAL WATTS LAMP		✚		

2 Transformer choice

TOTAL WATTS LAMPS	CHOICE ✔	ARTICLE
< 21W/22W	☐	ART 6010011/6046011 - 21W/22W OUTDOOR TRANSFORMER
< 60W	☐	ART 6011011/6047011 - 60W OUTDOOR TRANSFORMER
< 150W	☐	ART 6012011/6048011 - 150W OUTDOOR TRANSFORMER

3 Cable choice

•	TRANSFORMER 21W/22W	>	ARTICLE NUMBER 6007011 / MAIN CABLE OF 10 M WITH 4 CONNECTIONS
•	TRANSFORMER 60W	>	ARTICLE NUMBER 6007011 / MAIN CABLE OF 10 M WITH 4 CONNECTIONS
•	TRANSFORMER 150W	>	ARTICLE NUMBER 6008011 / MAIN CABLE OF 15 M WITH 6 CONNECTIONS

Choice of extension cables and cable dividers

The amount of extension cables and cable dividers depends on the number of lamps and the spot where the lighting is placed in the garden. Extension cables and cable dividers are connected to the connections on the main cables.

Garden Lights

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