

Garden Lights

12 VOLT, DO IT YOURSELF!

12
VOLT



12VOLT OUTDOOR LIGHTING

SIMPLE AND SAFE



www.polned.pl



12 VOLT OUTDOOR LIGHTING DO IT YOURSELF!

**12
VOLT**

SIMPLE & SAFE

**VERY EASY, SIMPLE AND SAFE TO DESIGN,
INSTALL AND CHANGE YOUR OWN LIGHTPLAN**

**PLUG
&
PLAY**

CONNECTABLE CABLES AND LIGHTS

**ENERGY
SAVING**

SAVE ENERGY BY USING LED'S

Garden Lights

12 VOLT, DO IT YOURSELF!



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12 VOLT – VERY SIMPLE AND SAFE DO IT YOURSELF!

12
VOLT

SIMPLE & SAFE

12 volt (low voltage) is considered by European Directives as being very safe. Improved technology allows 12 volt lighting to light up your garden and other outdoor areas in a well-lit and atmospheric way. The whole system from transformer to luminaires is supplied with screw connectors making installation very simple.

Unlike a 230 volt system, our 12 volt system does not require heavy armoured cables to be put half a meter under the ground. Furthermore, every completed system is always easy to modify and/or customise. The safety and simplicity of the system makes it possible for anyone to install the lighting, cables, fittings and accessories without an electrician.

12 volt, do it yourself!



LED TECHNOLOGY

Garden Lights
12 VOLT, DO IT YOURSELF!

ENERGY
SAVING

All lights in the Garden Lights range are equipped with Light Emitting Diodes - LED's. LED's are available in warm-white, white and blue colours.

The big advantages of LED's are extremely low energy usage and long life-span. LED's also have better shock-resistance and low heat emission. Nearly all LED light sources in the Garden Lights range are also easily replaceable should a failure or breakage occur.



SYSTEM EXPLANATION

Garden Lights
12 VOLT, DO IT YOURSELF!

PLUG & PLAY

Plug and Play allows for simple installation and great illumination. The Garden Lights product range offers you a series of lighting products that can be easily and safely installed by everybody without an electrician. Each lamp is supplied with 2-meter or 3-meter cable with a splash proof screw connector. The connectors are then joined to matching connectors on the low voltage cables running from the transformer. All cables can be joined together effortlessly due to the common connectors.

1 LIGHTING CHOICE



Choose from our range your lighting.

2 TRANSFORMER CHOICE

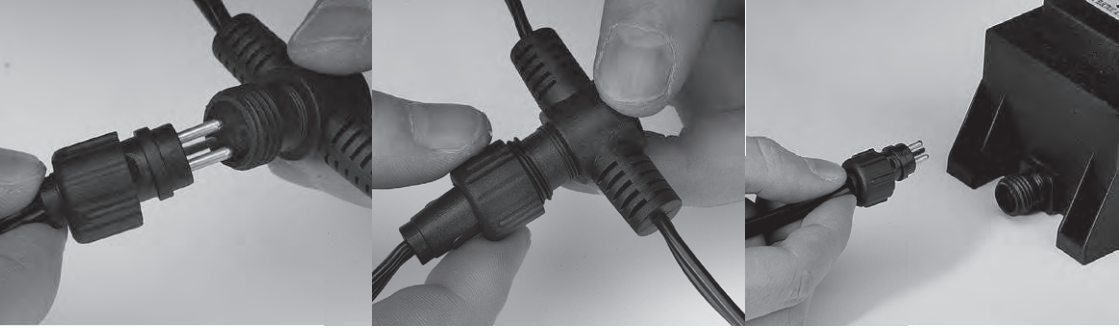


The total wattage from your choice of lighting determines the size of the transformer you need (22, 60 or 150 watt).

3 CABLE CHOICE



Depending on your choice of transformer you can start with a main cable or a cable divider or an extension cable. If your system requires a 150 watt transformer you should start with a 15-meter SPT-3 main cable. If you need a 22w or 60w transformer the start with a 10-meter SPT-1W cable. You can also start your cable design transformer with a 3 way cable divider or extension cable if needed.



DESIGN TIPS

HELPFUL TIPS FOR INSTALLING THE GARDEN LIGHTS SYSTEM

- One central 230 volt connection is sufficient to light up most gardens using the 12 volt transformer. This connection may be in your house, a garage, garden shed or waterproof outdoor socket. You won't need an electrician to plug in the transformer!
- Unlike a 230 volt system, our 12 volt system does not require cables to be put half a meter under the ground so you can lay cables over borders or along fence lines etc.
- Depending on the load the maximum possible cable length can be up to 80 meters.
- For extra security around your home and garden you can use our compatible timers with dusk/dawn sensors or our motion sensors.
- The remote controller allows you to design and control up to 9 separate groups of lamps independently of each other.

USE OUR COMPATIBLE 12V SENSORS AND REMOTES FOR ADDED SAFETY AND COMFORT BENEFITS AROUND YOUR HOME AND GARDEN.

Programmable
Dusk to Dawn sensor
with timer functions



WiFi Remote Receiver
controlled by Smartfon



Motion Sensor for
automated switching



Remote and Receivers (up to nine
receivers can be controlled)

WALL LIGHTING

Garden Lights
12 VOLT, DO IT YOURSELF!



DEIMOS 3095011
LED - white - 1W
39 lumen - 6000 K
Aluminium - anthracite
140 x 80 mm (HxD)
Energy efficiency class: A++



DEIMOS 3132011
LED - warm white - 1W
30 lumen - 3000 K
Aluminium - black
140 x 80 mm (HxD)
Energy efficiency class: A+



HALO 3075061
LED - white - 1W
40 / 47 lumen - 3000 K / 6000 K
Aluminium/Glass - anthracite
100 x 50 mm (HxD)
Energy efficiency class: A++



LOTUS 4013601
LED - white - 1W
15 lumen - 6000 K
Stainless steel
70 x 35 mm (HxD)



PALM 2585061
SMD LED - warm white - 1W
35 lumen - 3000 K
Stainless steel
100 x 60 mm (HxD)
Energy efficiency class: A++



ECLIPS 2586011
SMD LED - warm white - 2W
130 lumen - 3000 K
Aluminium - black
180 x 38 mm (HxD)
Energy efficiency class: A



AURORA 4120601
SMD LED - warm white - 2W
130 lumen - 3000 K
Stainless steel
100 x 27 mm (HxD)
Energy efficiency class: A



LUNAR 4127601
LED - warm white - 2W
64 lumen - 3000 K
Stainless steel
185 x 180 mm (HxD)
Energy efficiency class: A+



OLYMPIA 3074061
LED - white - 2W
47 lumen - 6000 K
Aluminium - anthracite
320 x 80 mm (HxW)
Energy efficiency class: A++



CALLISTO 3094071
LED - warm white - 1,5W
90 lumen - 3000 K
Aluminium/Glass - rust brown
240 x 170 mm (HxW)
Energy efficiency class: A++



ETU 3168191
LED MR16 - warm white - 3W
190 lumen - 3000 K
Aluminium - dark grey
155 x 95 mm (HxW)
Energy efficiency class: A+



NANO 3169191
LED MR11 - warm white - 2W
120 lumen - 3000 K
Aluminium - dark grey
105 x 85 mm (HxW)
Energy efficiency class: A+

POST LIGHTING



NEPOS 3579401

LED MR16 - warm white - 3W
190 lumen - 3000 K
Poly resin/glass - stone effect white
400 x 110 mm (HxW)
Energy efficiency class: A+



TITAN 3580401

LED MR16 - warm white - 3W
190 lumen - 3000 K
Poly resin/glass - stone effect white
600 x 110 mm (HxW)
Energy efficiency class: A+



PHOBOS 3538461

LED - white - 2W
88 lumen - 6000 K
Poly resin/glass - stone effect anthracite
400 x 110 mm (HxW)
Energy efficiency class: A++



KOLOSSOS 3544461

LED - white - 2W
88 lumen - 6000 K
Poly resin/glass - stone effect anthracite
600 x 110 mm (HxW)
Energy efficiency class: A++



IBERUS 3166061

LED MR16 - warm white - 3W
190 lumen - 3000 K
Aluminium/glass - anthracite
365 x 100 mm (HxW)
Energy efficiency class: A+



LILIUM 3136171

LED - warm white - 3W
190 lumen - 3000 K
Aluminium/glass - silver grey
170 x 100 mm (HxW)
Energy efficiency class: A+



ARCO 40 3161011

LED - warm white - 3W
190 lumen - 3000 K
Aluminium/plastic - black
405 x 64 mm (HxW)
Energy efficiency class: A+



ARCO 60 3160011

LED - warm white - 3W
190 lumen - 3000 K
Aluminium/plastic - black
573 x 64 mm (HxW)
Energy efficiency class: A+



EUROPA 4123601

LED - warm white - 2W
64 lumen - 3000 K
Stainless steel
400 x 180 mm (HxW)
Energy efficiency class: A+



OAK SET 4122603

SMD LED - 3x warm white - 1W (3x)
35 lumen - 3000 K
Stainless steel
200 x 48 mm (HxW)
Energy efficiency class: A++



COMPLETE SET
TRANSFORMER AND
MAINCABLE INCLUDED
BS PLUG AVAILABLE



Garden Lights
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ELAN 3167191
LED MR16 - warm white - 3W
190 lumen - 3000 K
Aluminium - dark grey
705 x 165 mm (HxW)
Energy efficiency class: A+



RUMEX 3134171
LED - warm white - 1,5W
90 lumen - 3000 K
Aluminium/Glass - anthracite
380 x 140 mm (HxW)
Energy efficiency class: A++



VITEX 3135171
LED - warm white - 1,5W
90 lumen - 3000 K
Aluminium/Glass - silver grey
365 x 100 mm (HxW)
Energy efficiency class: A++



HELIX 3153051
LED - warm white - 1,5W
90 lumen - 3000 K
Aluminium/Glass - silver grey
365 x 100 mm (HxW)
Energy efficiency class: A++



ALBUS 4024601
LED - warm white - 2W
120 lumen - 3000 K
Stainless steel
410 x 60 mm (HxW)
Energy efficiency class: A+



ATILA 4025601
LED - warm white - 2W
120 lumen - 3000 K
Stainless steel
610 x 60 mm (HxW)
Energy efficiency class: A+



ORION 4012601
LED - white - 2W
130 lumen - 6000 K
Stainless steel
410 x 60 mm (HxW)
Energy efficiency class: A+



ARGOS 4026601
LED - white - 2W
130 lumen - 6000 K
Stainless steel
590 x 60 mm (HxW)
Energy efficiency class: A+



LOCOS 3072071
LED - warm white 1,5W
90 lumen - 3000 K
Aluminium/Glass - rust brown
530 x 120 mm (HxW)
Energy efficiency class: A++



LAURUS 2573061
LED T10 - warm white 1,5W
90 lumen - 3000 K
Plastic - anthracite
365 x 120 mm (HxW)
Energy efficiency class: A+



LARIX 2572061
LED T10 - warm white 1,5W
90 lumen - 3000 K
Plastic - anthracite
315 x 100 mm (HxW)
Energy efficiency class: A+



LINUM 2519061
LED - warm white 2W
43 lumen - 3000 K
Plastic - anthracite
160 x 60 mm (HxW)
Energy efficiency class: A+

SPOT LIGHTS



FOCUS 3151011
LED MR16 - warm white - 3W
 190 lumen - 3000 K
 Aluminium - black
 180 x 150 mm (HxW)
 Energy efficiency class: A+



CORVUS 3154011
LED - warm white - 5W
 320 lumen - 3000 K
 Aluminium - black
 190 x 135 mm (HxW)
 Energy efficiency class: A+



ARCUS 3164011
LED MR16 - warm white - 5W
 320 lumen - 3000 K
 Aluminium - black
 120 x 110 mm (HxW)
 Energy efficiency class: A



FLOOD 15 9501011
LED - warm white - 15W
 786 lumen - 3000 K
 Aluminium - black
 87 x 115 mm (HxW)
 Energy efficiency class: A



FLO 3170191
LED MR16 - warm white - 3W
 190 lumen - 3000 K
 Aluminium - anthracite
 500x 60 mm (HxW)
 Energy efficiency class: A+



FLO 3171191
LED MR16 - warm white - 3W
 190 lumen - 3000 K
 Aluminium - white
 500x 60 mm (HxW)
 Energy efficiency class: A+



OLYMPUS 3049061
LED - white - 2W
 47 lumen - 6000 K
 Aluminium - anthracite
 410 x 80 mm (HxW)
 Energy efficiency class: A++



FLOOD RGB 8814401
LED LED 9W RGB +CW/ WW
 700 lumen - 3000K/6500K RGB
 Aluminium - black
 115 x 138 mm (HxW)
 Energy efficiency class: A+



ETU 3168191
LED MR16 - warm white - 3W
 190 lumen - 3000 K
 Aluminium - dark grey
 155 x 95 mm (HxW)
 Energy efficiency class: A+



NANO 3169191
LED MR11 - warm white - 2W
 120 lumen - 3000 K
 Aluminium - dark grey
 105 x 85 mm (HxW)
 Energy efficiency class: A+



ELATUS 3097121
LED - warm white - 2W
 64 lumen - 3000 K
 Aluminium - gun metal
 280 x 90 mm (HxW)
 Energy efficiency class: A+



MINUS 3096121
LED - warm white - 2W
 64 lumen - 3000 K
 Aluminium - gun metal
 70 x 90 mm (HxW)
 Energy efficiency class: A+



FLOOD 30 9502011

LED - warm white - 30W
1497 lumen - 3000 K
Aluminium - black
140 x 180 mm (HxW)
Energy efficiency class: A



ALDER 2580061

LED MR11 - warm white - 2W
120 lumen - 3000 K
Plastic - black
65 x 85 mm (HxW)
Energy efficiency class: A+



ALDER SET 2580063

LED MR11 - warm white - 2W (3x)
120 lumen - 3000 K
Plastic - black
65 x 85 mm (HxW)
Energy efficiency class: A+



GALILEO 4124601

LED MR11 - warm white - 2W
120 lumen - 3000 K
Stainless steel
90 x 80 mm (HxW)
Energy efficiency class: A+



CATALPA 4121601

LED MR16 - warm white - 3W
190 lumen - 3000 K
Stainless steel
105 x 80 mm (HxW)
Energy efficiency class: A+



CATALPA SET 4121603

LED MR16 - warm white - 3W (3x)
190 lumen - 3000 K
Stainless steel
105 x 80 mm (HxW)
Energy efficiency class: A+



IP68

ARIGO 4116601

LED MR16 - warm white - 3W
190 lumen - 3000 K
Stainless steel
125 x 90 mm (HxW)
Energy efficiency class: A+



ATLAS 4125601

LED MR16 - warm white - 3W
190 lumen - 3000 K
Stainless steel
130 x 100 mm (HxW)
Energy efficiency class: A+



IP68

PROTEGO 4118601

LED MR16 - warm white - 5W
320 lumen - 3000 K
Stainless steel
140 x 120 mm (HxW)
Energy efficiency class: A



CYLON 3578501

LED MR16 - warm white - 3W
190 lumen - 3000 K
Poly resin/Alu - black granite
100 x 100 mm (HxW)
Energy efficiency class: A+



IP68

LAPIS 3577441

LED MR16 - warm white - 3W
190 lumen - 3000 K
Poly resin - grey
110 x 145 mm (HxW)
Energy efficiency class: A+



IP68

LAPIS SET 3577443

LED MR16 - warm white - 3W (3x)
190 lumen - 3000 K
Poly resin - grey
110 x 145 mm (HxW)
Energy efficiency class: A+

DECKLIGHTS / UPLIGHTS



IP68

ALPHA 4112601

LED - white - 0.5W
10 lumen - 6000 K
Stainless steel 316
45 x 42 mm (HxW)



IP68

ALPHA 4048601

LED - warm white - 0.5W
10 lumen - 3000 K
Stainless steel 316
45 x 42 mm (HxW)



IP68

ALPHA 4059601

LED - blue - 0.5W
2 lumen - 12000-15000 K
Stainless steel 316
45 x 42 mm (HxW)



IP68

SIRIUS 4113601

LED - blue - 1W
5 lumen - 12000-15000 K
Stainless steel 316
52 x 70 mm (HxW)



IP68

ASTRUM 3029601

LED - white - 0.5W
4 lumen - 6000 K
Stainless steel
28 x 40 mm (HxW)



IP68

ASTRUM 3037601

LED - blue - 0.5W
1 lumen - 12000-15000 K
Stainless steel
28 x 40 mm (HxW)



IP68

AXIS 3038601

LED - white - 0.5W
4 lumen - 6000 K
Stainless steel
28 x 70 mm (HxW)



IP68

ATRIA 4077601

LED - warm white - 0.5W
10 lumen - 3000 K
Stainless steel 316
45 x 42 mm (HxW)



IP68

ATRIA 4092601

LED - blue - 0.5W
2 lumen - 12000-15000 K
Stainless steel 316
45 x 42 mm (HxW)



IP68

XERUS 3540531

LED - white - 2W
47 lumen - 6000 K
Poly resin - stone effect anthracite
140 x 140 x 75 mm (LxWxH)
Energy efficiency class: A++



IP68

EXILLIS 3541531

LED - white - 2W
36 lumen - 6000 K
Poly resin - stone effect anthracite
200 x 100 x 75 mm (LxWxH)
Energy efficiency class: A++



IP68

SIRIUS 4039601

LED - warm white - 1W
30 lumen - 3000 K
Stainless steel 316
52 x 70 mm (HxW)
Energy efficiency class: A+



IP68

LEDA 4040601

LED - warm white - 1W
30 lumen - 3000 K
Stainless steel 316
52 x 70 mm (HxW)
Energy efficiency class: A+



IP68

AUREUS 4041601

LED - warm white - 2W
43 lumen - 3000 K
Stainless steel 316
110 x 96 mm (HxW)
Energy efficiency class: A+



IP68

ELARA 4042601

LED - warm white - 2W
43 lumen - 3000 K
Stainless steel 316
110 x 96 mm (HxW)
Energy efficiency class: A+



IP68

BREVUS 2520601

LED - white - 1W
33 lumen - 8000 K
Stainless steel
52 x 70 mm (HxW)
Energy efficiency class: A+



IP68

BREVA 4016601

LED - white - 1W
33 lumen - 8000 K
Stainless steel
52 x 70 mm (HxW)
Energy efficiency class: A+



IP68

HIBRIA 4005601

LED - white - 2W
45 lumen - 8000 K
Stainless steel
110 x 96 mm (HxW)
Energy efficiency class: A+



IP68

HYBRA 4015601

LED - white - 2W
45 lumen - 8000 K
Stainless steel
110 x 96 mm (HxW)
Energy efficiency class: A+



UMBRA 3152051

LED MR16 - warm white - 3W
190 lumen - 3000 K
Stainless steel
85 x 105 mm (HxW)
Energy efficiency class: A+



IP68

AUREA 4117601

LED - warm white - 3W
190 lumen - 3000 K
Stainless steel 316
110 x 96 mm (HxW)
Energy efficiency class: A+



IP67

RUBUM 3159011

LED - warm white - 5W
320 lumen - 3000 K
Aluminium - black
110 x 160 mm (HxW)
Energy efficiency class: A

MOOD LIGHTING



ROUND 30 2574061

LED - RGB/warm white - 2W
52 lumen
Polyethylene - white
ø 300 mm
Energy efficiency class: A++



ROUND 40 2575061

LED - RGB/warm white - 3W
65 lumen
Polyethylene - white
ø 400 mm
Energy efficiency class: A+



ROUND 50 2576061

LED - RGB/warm white - 4W
97 lumen
Polyethylene - white
ø 500 mm
Energy efficiency class: A+



OVAL 28 2566451

LED - RGB/warm white - 2W
52 lumen
Polyethylene - white
170 x 280 mm (HxW)
Energy efficiency class: A++



OVAL 35 2567451

LED - RGB/warm white - 2W
52 lumen
Polyethylene - white
270 x 350 mm (HxW)
Energy efficiency class: A++



FLAT 40 2568451

LED - RGB/warm white - 2W
52 lumen
Polyethylene - stone effect white
150 x 400 mm (HxW)
Energy efficiency class: A++



**WARM WHITE +
7 COLOURS**





IP68

FONTANA 8009431
LED - warm white - 1W
20 lumen - 3000 K
Plastic - black
50 x 31 mm (HxW), hose ø 3/4"



LINEA 1 7510012
LED - warm white - 2W
3 lumen/LED - 3000 K
Plastic - black
10 meter (100 LEDs)

LINEA 2 EXTENSION 7511011
LED - warm white - 2W
3 lumen/LED - 3000 K
Plastic - black
10 meter (100 LEDs)

The Linea 1 (Article 7510012) is a string of 100 LED's for lighting up your trees, shrubs or other elements in your garden in a beautiful way. Linea 2 (Article 7511011) is an addition of another 100 LED's which can only be connected to the Linea 1.



NEW GARDEN LIGHTS



REMIZ 4131601
LED MR16 LED unit 4W GU5.3
 310 lumen - 3000 K
 Stainless steel
 113 x 108 mm (HxW)
 Energy efficiency class: A+



PAVO 4130601
LED MR16 LED unit 4W GU5.3
 310 lumen - 3000 K
 Stainless steel
 140 x 95 mm (HxW)
 Energy efficiency class: A+



OTIS 4132601
LED MR16 LED unit 4W GU5.3 (2x)
 310 lumen - 3000 K
 Stainless steel
 170 x 108 mm (HxW)
 Energy efficiency class: A+



MAURI 3179061
LED Power LED 6W (2x)
 125 lumen - 3000 K
 Aluminium - anthracite
 100 x 100 mm (HxW)
 Energy efficiency class: A



MAURI 3177011
LED Power LED 6W (2x)
 125 lumen - 3000 K
 Aluminium - black
 100 x 100 mm (HxW)
 Energy efficiency class: A



GOURA 3180061
LED Power LED 6W (2x)
 125 lumen - 3000 K
 Aluminium - anthracite
 100 x 140 mm (HxW)
 Energy efficiency class: A



GOURA 3178011
LED Power LED 6W (2x)
 125 lumen - 3000 K
 Aluminium - black
 100 x 140 mm (HxW)
 Energy efficiency class: A



SIBUS 3185061
LED MR16 LED 4W GU5.3 (2x)
 310 lumen - 3000 K
 Aluminium - anthracite
 185 x 105 mm (HxW)
 Energy efficiency class: A+



SIBUS 3184011
LED MR16 LED 4W GU5.3 (2x)
 310 lumen - 3000 K
 Aluminium - black
 185 x 105 mm (HxW)
 Energy efficiency class: A+



GILVUS 3183061
LED MR16 LED 4W GU5.3
 310 lumen - 3000 K
 Aluminium - anthracite
 78 x 92 mm (HxW)
 Energy efficiency class: A+



GILVUS 3182011
LED MR16 LED 4W GU5.3
 310 lumen - 3000 K
 Aluminium - black
 78 x 92 mm (HxW)
 Energy efficiency class: A+

Garden Lights



SITTA 3186011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
220 x 120 mm (HxW)
Energy efficiency class: A+



ARDEA 3189011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
220 (720) x 120 mm (HxW)
Energy efficiency class: A+



LIMOSA 70 3190011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
680 x 120 mm (HxW)
Energy efficiency class: A+



LIMOSA 90 3191011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
880 x 120 mm (HxW)
Energy efficiency class: A+



COLUMBA 3187011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
450 x 220 mm (HxW)
Energy efficiency class: A+



CELATA 3188011
LED Filament LED 4W BA15D
280 lumen - 2200 K
Aluminium - black
380 x 190 mm (HxW)
Energy efficiency class: A+



ACCESSORIES



TRANSFORMERS

EU Plug	
6209011	max. 21W (Ecodesign Regulation 1194/2012)
6210011	max. 60W (Ecodesign Regulation 1194/2012)
6211011	max. 150W (Ecodesign Regulation 1194/2012)
BS Plug	
6212011	max. 22W (Ecodesign Regulation 1194/2012)
6213011	max. 60W (Ecodesign Regulation 1194/2012)
6214011	max. 150W (Ecodesign Regulation 1194/2012)



4X



6X



EXTENSION CABLE



CABLE CONNECTOR



CONNECTOR



SCREW CONNECTOR

12V MAINCABLES + CABLE ACCESSORIES

6007011	10 meter with 4 connectors (SPT-1W, Max. 120W) to combine with 22W and 60W transformers
6008011	15 meter with 6 connectors (SPT-3, Max 150W) to combine with 150W transformer
6154011	Extension cable - 2 meter - SPT-1W, max. 120W
6177011	Extension cable - 2 meter - rubber with plug - max. 120W
6182011	Extension cable - 5 meter - rubber with plug - max. 120W
6005011	Extension cable - 6 meter SPT-1W, max 120W
6056011	Extension cable - 10 meter SPT-3, max 150W
6006011	Cable divider - 15 cm SPT-2W with 3 connectors, max 150W
6013011	Connector (SPT-1W -> SPT-1W)
6014011	Connector (SPT-1W -> SPT-3)
6165011	Screw connector SPT-1W
6166011	Screw connector SPT-3



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



12V TIMER + DUSK-DAWN SENSOR

6009011	- Max. 150W
	- 2 meter cable
	- On/off
	- Dark/light
	- 1-9 hours
	- Power consumption 6W



12V MOTION SENSOR

6156011	- 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. or 5 min.
	- Not recommended in combination with timer and / or remote / receiver

LED LIGHT SOURCES

6193011	LED MR16 warm white 3W - 190 lm, 3000 K	6215011	LED MR11 warm white 2W - 120 lm, 3000 K
6194011	LED MR16 warm white 5W - 320 lm, 3000 K	6223011	LED MR11 warm white 3W - 190 lm, 3000 K
6022101	LED MR16 20x white 12V 2W GU5.3 - 88 lm, 6000 K	6204451	LED warm white 12V 1.5W G5.3 - 90 lm, 3000 K
6061101	LED MR16 20x warm white 12V 2W GU5.3 - 84 lm, 3000 K	6205451	LED white 12V 1.5W G5.3 - 100 lm, 6000 K
6190011	LED MR16 RGB 12V 3W GU5.3 - 29 lm (with remote control)	6208451	LED warm white 2W T15 - 90 lm, 3000 K
6195011	LED MR16 RGB 12V 3W GU5.3 (single light source) - 29 lm	6045101	LED flame effect 12V 1W G4 - 6 lm, 2700 K
6224011	LED MR11 warm white 1.5W - 85 lm, 3000 K	6207431	SMD LED cylinder 24x white 12V 2W GU 5.3 - 130 lm, 6000 K
		6206431	SMD LED cylinder 24x warm white 12V 2W GU5.3 - 120 lm, 3000 K



MR16 POWER LED RGB
WITH REMOTE



MR16 LED 3W



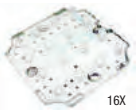
MR11 2W



WEDGE T10/15
LED 1.5W

LED UNITS

1164101	SMD LED 3x white 12V 0.5W G5.3 - 30 lm, 6000 K	1068101	LED unit 12x warm white 12V 2W GU5.3 SMD - 43 lm, 3000 K
1165101	SMD LED 3x blue 12V 0.5W G5.3 - 2 lm, 12000-15000 K	1069101	LED unit 16x warm white 12V 2W GU5.3 - 36 lm, 3000 K
1166101	SMD LED 3x warm white 12V 0.5W G5.3 - 10 lm, 3000 K	1070101	LED unit 16x white 12V 2W GU5.3 - 47 lm, 6000 K
1167101	SMD LED 3x warm white 12V 1W G5.3 - 35 lm, 3000 K	1071101	LED unit 15x warm white 12V 2W GU5.3 - 36 lm, 3000 K
1170101	SMD LED unit 6x blue 12V 1W GU5.3 - 5 lm, 12000-15000 K	1072101	LED unit 15x white 12V 2W GU5.3 - 36 lm, 6000 K
1065101	LED unit 6x white 12V 1W GU5.3 - 33 lm, 8000 K	1078101	LED unit 7x white 12V 1W - 39 lm, 6000 K
1066101	LED unit 6x warm white 12V 1W GU5.3 - 30 lm, 3000 K	1079101	LED unit 7x warm white 12V 1W - 30 lm, 3000 K
1067101	LED unit 12x white 12V 2W GU5.3 SMD - 45 lm, 8000 K		



16X



15X



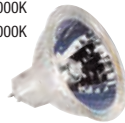
12X



6X

HALOGEN MR11 / MR16

6001101	MR11 12V 10W G4 - 78lm, 3000K
6037101	MR16 12V 10W GU5.3 - 100lm, 3000K
6049101	MR16 12V 20W GU5.3 - 178lm, 3000K
6057101	MR16 12V 50W GU5.3 - 544lm, 3000K



MR16

HALOGEN JC

6034101	JC 12V 5W G4 - 33lm, 3000K
6015101	JC 12V 10W G4 - 82lm, 3000K
6016101	JC 12V 20W G4 - 166lm, 3000K



JC

LIGHT BULB

6002101	12V 5W T15 - 28lm, 3000K
6003101	12V 7W T15 - 55lm, 3000K
6004101	12V 10W T15 - 76lm, 3000K



WEDGE BULB

OTHER ACCESSORIES

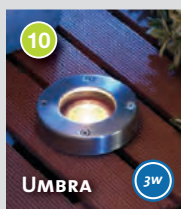
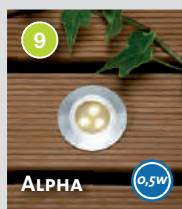
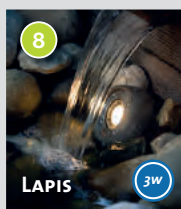
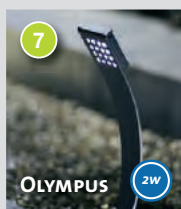
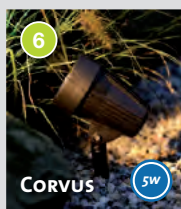
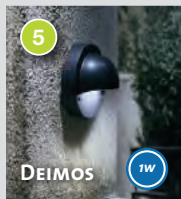
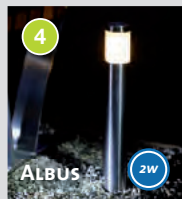
6136011	Spring clips - Suitable for the models: Hibria, Hybra, Aureus, Elara, Aurea
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4X

LIGHTING PLAN

1 LIGHTING CHOICE



2 TRANSFORMER CHOICE



LED light source

- 1 1 x 2 watt = 2 watt
- 2 2 x 3 watt = 6 watt
- 3 1 x 3 watt = 3 watt
- 4 2 x 2 watt = 4 watt
- 5 1 x 1 watt = 1 watt
- 6 2 x 5 watt = 10 watt
- 7 2 x 2 watt = 4 watt
- 8 1 x 3 watt = 3 watt
- 9 2 x 0,5 watt = 1 watt
- 10 1 x 3 watt = 3 watt

Totaal = 37 watt

Choosing the right transformer is quite simple: just add up the wattages of the desired armatures. The outcome determines the wattage of the transformer. You can choose between 3 transformers: 21, 60 and 150 watt. Please take into account that you might like to expand your system in the future and choose a transformer which can handle a sufficient amount of watts.

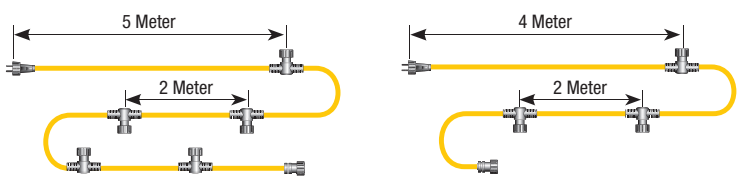


>21W / <150W

3 CABLE CHOICE



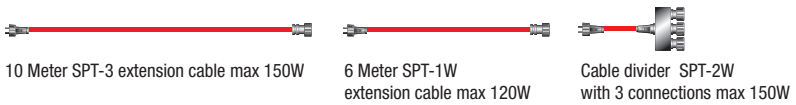
MAINCABLE



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

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 SPT-2W with 3 connections max 150W

— cable fixed to lamp, depending on the type of lamp



Garden Lights

12 VOLT, DO IT YOURSELF!

Garden Lights

12 VOLT, DO IT YOURSELF!

12
VOLT



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