

LUXFORM
LIGHTING



**IN THREE
EASY STEPS...
LIGHT YOUR
GARDEN!**



12 VOLT



**EASY
TWIST**



+



+



WWW.LUXFORMGLOBAL.EU

Faq Low voltage

HOW EASY IS IT TO INSTALL LUXFORM GARDEN LIGHTS?

It is very easy! All you require is a mains socket in a garage, shed or the garden. The installation can be done without using any tools thanks to Luxform's 'Easy Twist Connect' system (IP 65).

It is not necessary to install a mains cable, which would require burial at least 50cm below ground. Because the lights work with a transformer, they work on a reduced current of 12 volts. This makes the installation safe and considerably easier than mains voltage.

HOW MANY LIGHTS CAN BE CONNECTED TO A TRANSFORMER?

The total wattage of the single lights added together must not exceed the wattage of the transformer used.

CAN I PLACE THE TRANSFORMER OUTSIDE?

All transformers labelled with the code IP44 can be placed outside. The transformer does not have to be protected against rain or condensation. The outside transformer is a standard part of all our sets. Only the plug needs to be in a mains socket in a garage, shed or the garden outdoor socket.

DO I HAVE TO PROTECT THE CABLE CONNECTOR AGAINST THE WEATHER CONDITIONS?

The cable connector does not have to be protected against rain or other weather conditions. They can be placed without any problems on or under the ground (IP65)

HOW FAR SHOULD I DIG THE CABLE INTO THE GROUND?

The cable does not have to be dug into the ground for safety reasons. The lights operate on a reduced current of 12 volts. Even if you were to damage the

12 Volt cable, the safe current will not endanger people or animals. From an aesthetic point of view you can choose to cover the cable with bark or bury just under the soil surface.

IS IT DANGEROUS WHEN I ACCIDENTALLY CUT THE CABLE?

Cable damage, which can occur through digging or inquisitive animals, is not dangerous because the cable works on a safe current of 12 Volts. Just rejoin with a cable connector. (Available as an accessory.)

WHAT IS THE MAXIMUM LENGTH I CAN RUN A MAIN CABLE? LED

The standard cable (STP1) which Luxform delivers can be used in combination with the LED Bulbs up to 50 meters from the transformer. On any Low Voltage system, when the cable is lengthened beyond the maximum recommended distance light output will drop.

WHAT CAN I DO WHEN SOME LIGHTS DO NOT ILLUMINATE?

Depending which lights are not lit the case could be:

- Incorrect connection in the cable connector – opening and attaching the cable connector for a second time is, in practically all cases, the right way to solve this problem.
- The main cable is too long – this is indicated when only the last light does not illuminate.
- A broken cable – usually several of the lights will not illuminate.
- Defective light bulb.



Which bulbs are the most economic?



9846
SMD - MR11 LED

1.1 W
80 Lumen
Low Energy usage
High Light output
Long lifetime



1.21 kWh/1000



9848
SPOT- MR11 LED

0.9 W
130 Lumen
Low Energy usage
High Light output
Long lifetime



1.0 kWh/1000



9822
SMD LED LED

0.7 W
66 Lumen
Low Energy usage
High Light output
Long lifetime



1.0 kWh/1000



9835
Corn light - G4 LED

0.7 W
66 Lumen
Low Energy usage
High Light output
Long lifetime



1.0 kWh/1000



9836
Corn light - GU 5,3 LED

1.5 W
140 Lumen
Low Energy usage
High Light output
Long lifetime



2.0 kWh/1000



9838
Corn light GY 6.35 LED

2.7 W
305 Lumen
Low Energy usage
High Light output
Long lifetime



1.21 kWh/1000

IN THREE EASY STEPS...LIGHT YOUR GARDEN!

STEP BY STEP

Create your own lighting plan



Select the lights you want to use in your garden. Will you choose lanterns for extra atmosphere; spotlights to highlight special plants or features; built-in lights for in your decking, paving or perhaps something in or around the pond?



Count up the wattages of all lights chosen. Now you can decide on which transformer to use (available in 20W, 60W and 105W). By counting the wattages of the individual lights, you can determine the capacity of the transformer you require. You may need to allow for extra lights at a later stage.

Note: the capacity wattage of the transformer always needs to exceed the wattage of the count up lights.



FRONT GARDEN

NUMBER	PRODUCT	WATTAGE	TOTAL
6	BUNDABERG	3.0 LED	18.0 WATT
3	HOBART	3.2 LED	9.6 WATT
4	ADELAIDE	0.6 LED	2.4 WATT
USE TRANSFO 60 WATT			30 WATT



Measure the distance from the transformer to the furthest light to be installed. This length of cable is needed to install all the lights. The Luxform main cable has a transformer plug attached and has a length of 15 metre. A 10 metre extension cable can be added. More information is provided below.

Complete sets include a main cable. A ten metre extension cable is available as an accessory.

3	MAX. WATTAGE	15 MTR	+ 10 MTR	+ 10 MTR	+ 10 MTR
	< 75W	9991 SPT-1	9991 SPT-1	9991 SPT-1	9991 SPT-1
	< 12M	9991 25-1	9991 25-1	9991 25-1	9991 25-1

EASY TWIST CONNECT

EASY TWIST



After choosing your lights, the only thing there is left is to place and connect them. This is simple to do due to the Luxform Easy Twist and connect system. Place the main cable and the cable of the lamp inside the connector. Place the cap on and twist them together to make the connection. The connector is water-resistant.



BACK GARDEN

NUMBER	PRODUCT	WATTAGE	TOTAL
4	DARWIN	5.0 LED	20.0 WATT
3	ESPERANCE	3.0 LED	9.0 WATT
4	CANBERRA	3.0 LED	12.0 WATT
USE TRANSFO 60 WATT			41 WATT



1
SELECT THE LIGHTS YOU WANT TO USE IN YOUR GARDEN.

2
PLACE THE MAIN CABLE AND THE CABLE OF THE LAMP INSIDE THE CONNECTOR.



3
EASY TWIST TO CONNECT!

4
ENERGYSAVING AND DURABLE



A GARDEN LIGHTING PLAN EXAMPLE

