

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 Connect' system.

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.

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?

The standard cable (STP1) which Luxform delivers can be used 25 metres from the transformer. Besides this, Luxform has a thicker cable (STP3) in its range which is available as an accessory. This cable can be used up to 45 metres 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 LED**
1.1W
80 Lumen
Low Energy usage
High Light output



1.21kWh/1000



**9847
SMD LED**
3W
190 Lumen
Low Energy usage
Extra High Light output



3.19kWh/1000



**9851
ENERGY SAVING BULB**
5W
190 Lumen
Long lifetime
Accent lighting



5.72kWh/1000



**9811
HAL. REFL. BULB**
20W
200 Lumen
Bright light output
Functional light for spots



21.2kWh/1000



**9832
HALOGEN BULB**
20W
200 Lumen
Bright light output
Functional light



22.15kWh/1000



**9998
INCANDESCENT LAMP**
7W
40 Lumen
Atmospheric light output
Romantic light



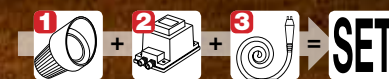
7kWh/1000

LUXFORM
LIGHTING

IN THREE EASY STEPS... LIGHT YOUR GARDEN!



12 VOLT
EASY
CONNECT



WWW.LUXFORM.NL

IN THREE EASY STEPS...LIGHT YOUR GARDEN!

STEP BY STEP

Create your own lighting plan



1 • Select the lights you want to use in your garden. Will you chose 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?



2 • Count up the wattages of all lights chosen. Now you can decide on which transformer to use (available in 20W, 60W, 105w and 300W). By counting the wattages of the individual lights, you can determine the capacity of the transformer you require. You many 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.



3 • 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 15mtrs. A ten metre extension cable can be added.. More information is provided below.

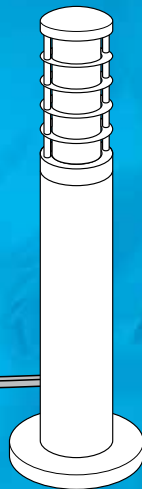
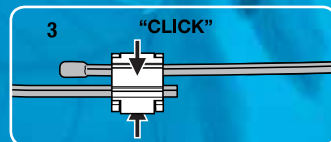
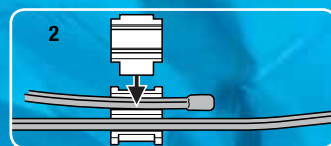
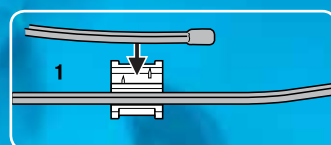
Complete sets include a main cable. A ten metre extension cable is available as an accessory

3	MAX. WATTAGE	15 MTR	10 MTR	10 MTR	10 MTR
	< 75W	9990 SPT-1	9991 SPT-1	X	X
	75-150W	9973 SPT-3	9974 SPT-3	9974 SPT-3	9974 SPT-3

EASY CONNECT.



After choosing you lights, the only thing there is left is to place and connect them. This is simple to do due to the Luxform Easy connect system. Place the main cable and the cable of the lamp inside the connector. Place the cap on and snap them together to make the connection.



BACK GARDEN

NUMBER	PRODUCT	WATTAGE	TOTAL
4	SYDNEY	11 W CFL	44 WATT
2	MELBOURNE	20 W HAL.	40 WATT
4	MONTREAL	5 W CFL	20 WATT
USE TRANSFO 150 WATT			104 WATT

FRONT GARDEN

NUMBER	PRODUCT	WATTAGE	TOTAL
6	BUNBURY	20 W HAL.	120 WATT
3	HOBART	3 W LED	9 WATT
4	ADELAIDE	0.6 W LED	2.4 WATT
USE TRANSFO 150 WATT			131.4 WATT

A GARDEN LIGHTING PLAN EXAMPLE

