

Light Chain Products and Accessories Guide



MK System:

The MK System is divided into three categories:

“Outdoor” – Which is mains voltage. IP67 weatherproof.



“In door” – Which is also mains voltage but is not weatherproof at all.

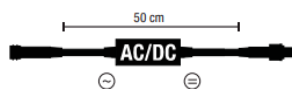
“Low Voltage” – Which is low volt, 36V, and weatherproof.

Each category has its own range of accessories:

Outdoor

An Outdoor item requires a rectifier to power it :

001-031 | 
001-032 | 

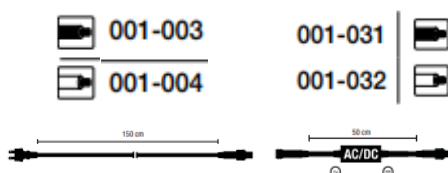


The rectifier is placed between the power socket, and the MK lights. Its job is to change the Alternating Current coming from the power socket, to a Direct Current, to make the MK Lights work.

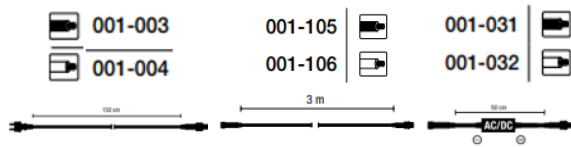
The number of rectifiers required, depends on the amount of MK Lights you wish to run.

Before the rectifier you can place several accessories. You might just need a 13amp plug to go into your wall socket. Or you may want to include an extension from your socket to the rectifier.

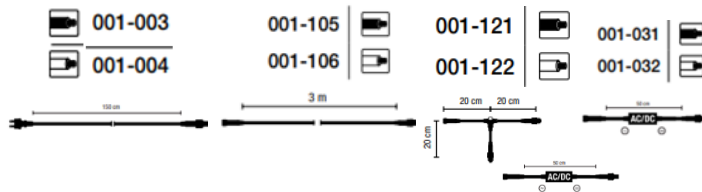
13amp plug and rectifier:



13amp plug, 3m extension, and a rectifier:

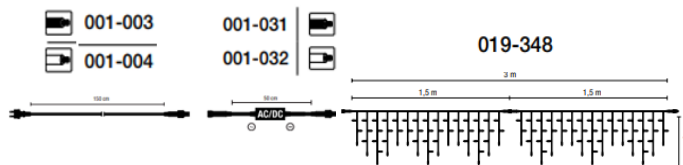


13amp plug, 3m extension, divider 2 (spitter), and 2 rectifiers

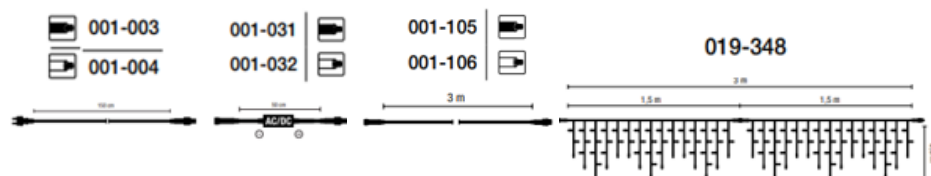


These same accessories can also be used after the rectifier. If that suits your needs better. You could simply plug you MK lights into your rectifier. Or you could run an extension from your rectifier to your lights. Or split off from your rectifier and power two separate sets of light.

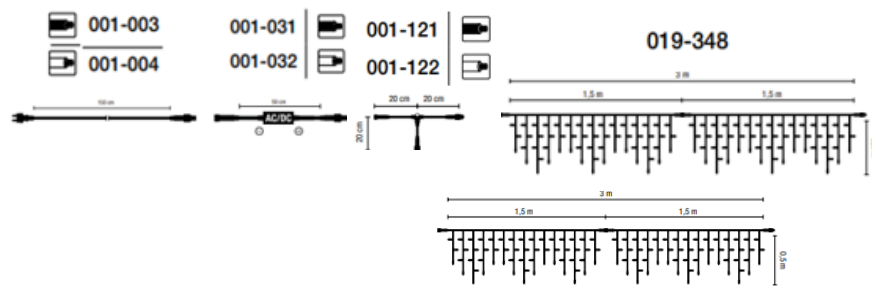
13 amp plug, rectifier, and MK product:



13 amp plug, rectifier, 3m extension, and MK product:



13 amp plug, rectifier, splitter, and 2 MK products:

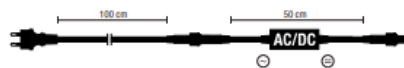


Indoor

Indoor works in the same way as Outdoor, but the accessories are different. You cannot mix Outdoor accessories with Indoor products and visa versa.

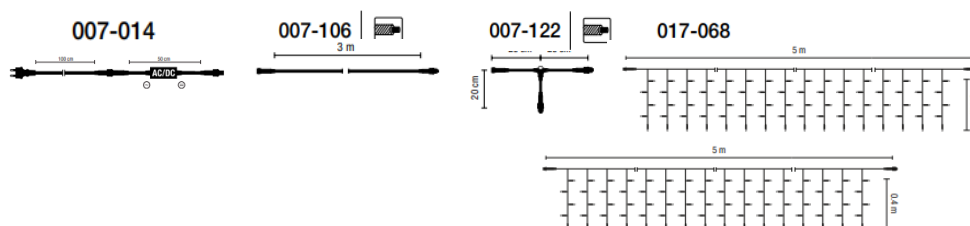
Each Indoor MK product requires a rectifier (the indoor rectifiers all come with plugs already attached)

007-014



As with Outdoor, the Indoor accessories can be placed before the rectifier or after the rectifier as purpose suits.

13 amp plug, rectifier, 3m extension, splitter, to 2 MK products



Low Voltage

Low voltage is quite different from the other two categories.

Low voltage lights need a transformer to power them, rather than a rectifier.

And we have several different sized transformers, rather than one size rectifier for the other two categories.

The size and amount of transformers required, depends on the amount of MK lights to be used.

002-010



The transformer takes the mains power (230 volt) from your power source, your plug socket. And reduces it down to Low Voltage (36 volt).

You may be able to see in the image above, that the cable coming into the transformer, and the cable coming out, have different symbols on them.

This is because the Low Volt category requires different accessories to be used either side of the transformer.

On the side where the mains voltage comes into the transformer it is marked with the “3+” symbol:

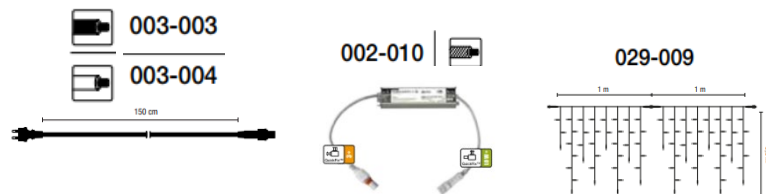


On the side where the low voltage current comes out of the transformer, the cable is marked with the Low Voltage symbol:

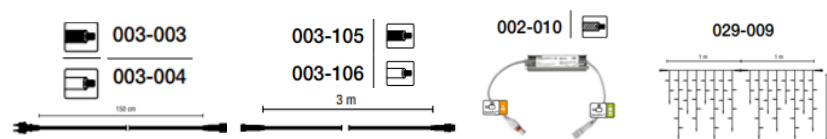


Low voltage still offers the same options as the Outdoor and Indoor categories. But you have to be conscious of which side of the transformer you want to use the accessories before you order them, as they are not interchangeable

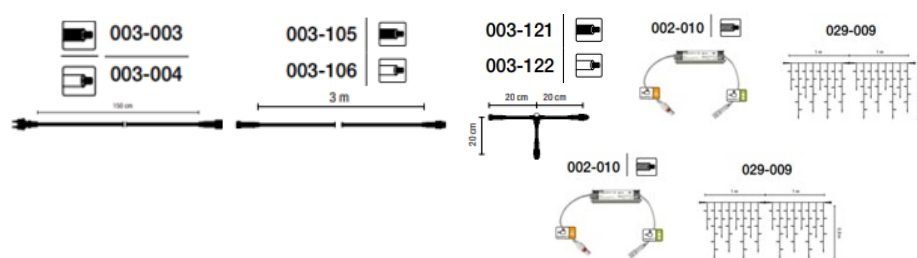
13 amp plug, to transformer, to MK product



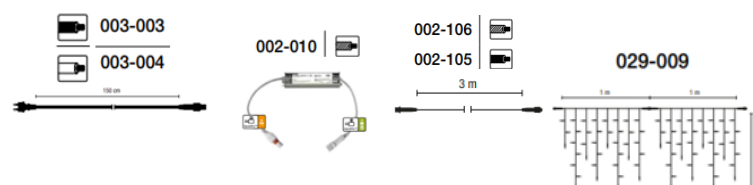
13 amp plug, 3m extension (before the transformer), transformer, MK product



13 amp plug, 3m extension, splitter, two transformers, two MK product



13 amp plug, transformer, 3m extension (after the transformer), MK product



13 amp plug, transformer, 3m extension, splitter, and two MK products

