

Festoon Guide:

All electrical equipment should be installed by a competent or qualified person.

This advice is offered to outline perceived risks in order to help you have a trouble free lighting experience.

Please read carefully before proceeding:

Using 25W Lamps

:Each 10 metres of festoon cabling is supplied with 20 x 25W golfball lamps and consumes **500Watts at full 100% intensity** 500W is approximately 2.1Amps at an average 237 Volts domestic mains voltage.

The 10Amp dimmer supplied can run **40m of festoon with 80x25W lamps** and has an optional 13Amp domestic plug inlet which can be plugged into a domestic wall socket

Using 15W Lamps :

Each 10 metres of festoon cabling is supplied with 20 x 15W golfball lamps and consumes **300Watts at full 100% intensity** 300W is approximately 1.3Amps at an average 237 Volts domestic mains voltage.

The 10Amp dimmer supplied can run **70m of festoon with 140x15W lamps** and has an optional 13Amp domestic plug inlet which can be plugged into a domestic wall socket

Each 10Metres has a CEE17 16A water resistant plug and socket and can be connected to further festoon cables up to the limit imposed by the electrical supply and the 1.5mm sq cable rating, whichever is the smaller figure.

To avoid potential overloading of the dimmer or the wall socket, ALWAYS use separate dimmers if more than the recommended festoon lengths are required .

The 10Amp Dimmer is normally supplied with 10metres of water resistant CEE17 16A mains extension

The 10Amp Dimmer is not water resistant and must NEVER be exposed to the elements.

The 10Amp Dimmer has an **RCD Breaker** which is designed to trip in the case of short-circuit or electrical fault, Electrical fault includes water ingress and cutting of the mains cable howsoever caused and most importantly protects you from electrocution.

All Equipment is tested and checked for Electrical Safety prior to despatch.

General Safe Practise

Never leave Electrical equipment where water is likely to collect (i.e. undercover but in a puddle, or in guttering etc)

Never leave mains plugs or sockets where water is likely to collect (i.e. in a puddle) If in doubt **Always** raise it off the ground by a reasonable distance.

Never leave electrical equipment where drinks will be spilled on it.

By law an electrical supply used for outdoor applications should be isolated from other circuits and protected by a fast acting RCD Circuit Breaker.

Do's and Don'ts

Users should familiarise themselves with the location and operation of the circuit breaker before proceeding.

If you dont have access to an external isolated power supply, consider using a power circuit which is not critical to the event . So, in the unlikely event of a power failure the event can continue.

In most cases a domestic CCU will have at least a ring for upstairs and a ring for downstairs and one for the kitchen (if in doubt ask a friendly electrician)

In the unlikely event of a power failure try to identify and disconnect the cause before resetting the trip switch.

Never:

Power up the Festoon cable unless all the bulbs have been inserted, the lamp sockets are live and serious injury may be caused if you choose to ignore this advice

Never

Leave out any bulbs, the lamp sockets are live and serious injury may be caused if you choose to ignore this advice

Never

Hang the bulbs within reach of guests or children, LAMPS ARE EXTREMELY HOT , even in the dimmed condition. Touching them momentarily will burn you.

Never

Hang the bulbs in direct contact with plastic fittings or flammable materials

Never

Put the weight of the entire festoon harness on the plugs and sockets,

Always

support the cable at intervals of 5-10ms to avoid pulling the plugs off accidentally.

Do: Stay Safe and Have Fun!