Drape, Ice and Rope Light Chain Guide

ILLUMINATION

Window Drapes Guides

Which MK range is best for you:

Outdoor If you want to light windows from the outside, and your lights will not be within touching distance of the public. This range comes in either black cable, or white cable, to suit your environment. (Note: the outdoor range can also be used indoors if it suits)

Indoor. If you want to light your windows from the inside, and your lights will not be within touching distance of the public. This range comes in transparent cable only.

Low Voltage: If you think your lights will be in touching distance of the public, low voltage is the way to go. This range can be used indoors and outdoors. This range comes in transparent cable only.

Drape Width

The drapes in each range come in 2m widths.

Drapes can be linked to make them wider.

Depending on the selected range, there are ways to make the drapes narrower, to suit your needs (more details below)

Drape Length

The drapes in each range come in 3 x basic lengths: 1.5m. 3m. and 6m

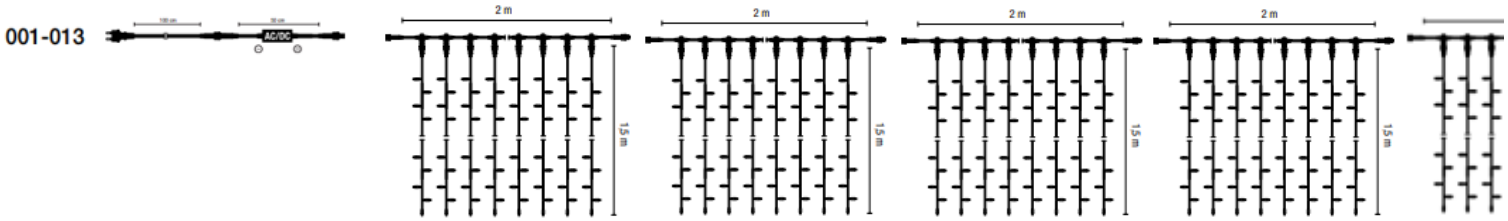
1.5m Long drape

Outdoor

With a choice of cable colour, and LED colour:

LED	019-329
LED	019-330
LED	019-335
LED	019-373
LED	019-374
LED	019-430
LED LED	019-338
LED LED	019-339
LED LED	019-423
LED LED	019-431

A maximum of 12 x drapes can be powered from one plug and one rectifier. Allowing for a 1.5m drape up to 24m wide



(Note: Individual strands can be removed to make the drape slimmer)

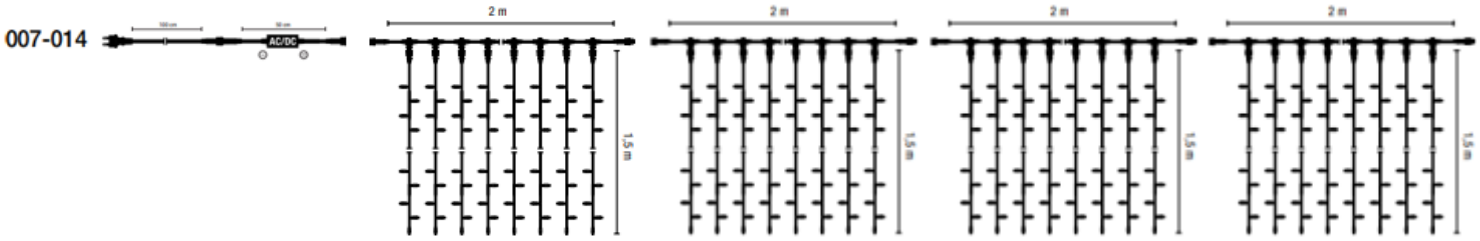
1.5m Long drape

Indoor

With a choice of LED colour:

LED	017-046
LED	017-055
LED LED	017-058

A maximum of 12 x drapes can be powered from one plug and one rectifier. Allowing for a 1.5m drape up to 24m wide



(Note: Individual strands can be removed to make the drape slimmer)

1.5m Long Drape

Low voltage

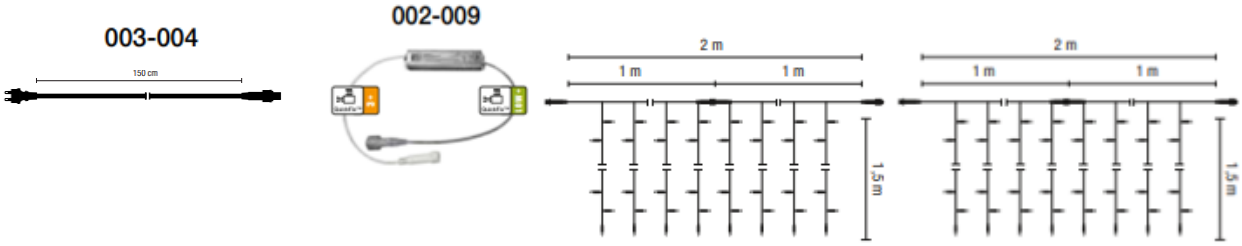
With a choice LED colour

LED	029-003
LED	029-004
LED LED	029-052
LED LED	029-112

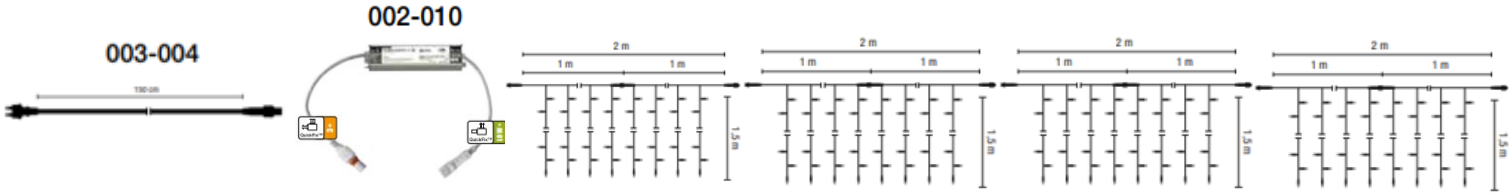
A maximum of 6 x Low voltage drapes can be chained together. Allowing for a 1.5m drape 12m wide.

The type of transformer required depends on how many drapes you wish to chain together:

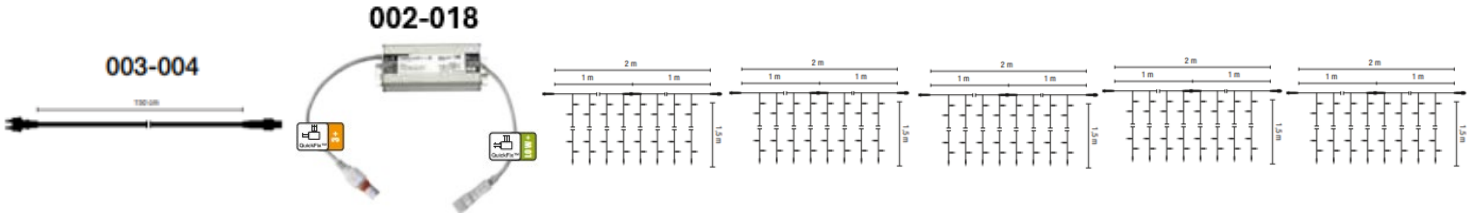
- 1 or 2 drapes



- 3 or 4 drapes



- 5 or 6 drapes



(Note: The drape can be broken down into 1m widths. Individual strands cannot be removed on the low voltage drapes)

3m Long Drape

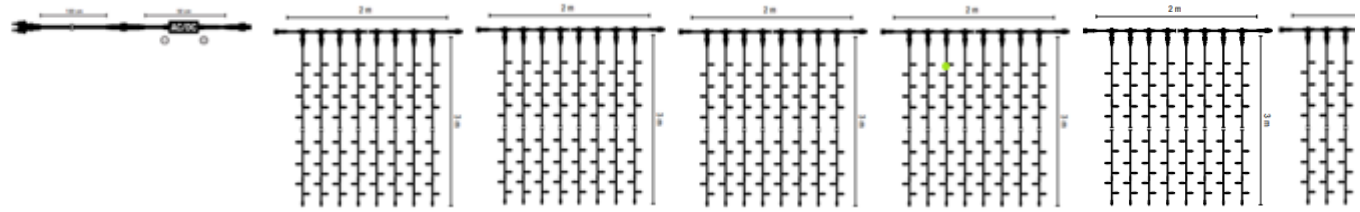
Outdoor

In a choice of cable colour and LED colour

LED	019-331
LED	019-332
LED	019-336
LED	019-378
LED	019-432
LED LED	019-340
LED LED	019-341
LED LED	019-433
LED LED	019-434

A maximum of 12 x drapes can be powered from one plug and one rectifier. Allowing for a 3m drape up to 24m wide

001-013



(Note: Individual strands can be removed to make the drape slimmer)

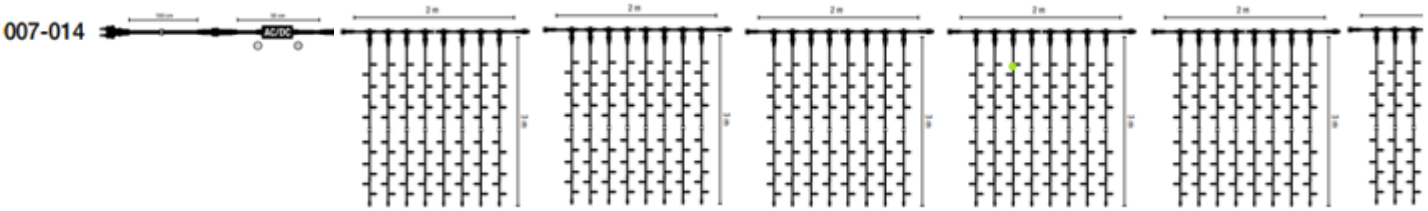
3m Long Drape

Indoor

In a choice of LED colour

LED	017-047
LED	017-056
LED LED	017-059

A maximum of 12 x drapes can be powered from one plug and one rectifier. Allowing for a 3m drape up to 24m wide

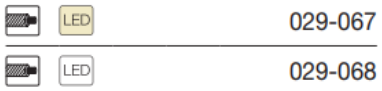


(Note: Individual strands can be removed to make the drape slimmer)

3m long drape

Low Voltage

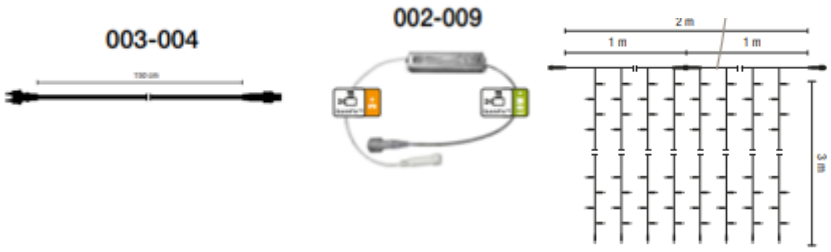
In a choice of LED colours



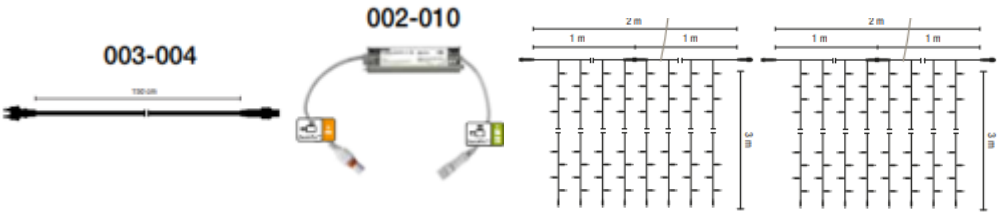
A maximum of 4 x drapes can be chained together. Allowing for a 3m drape up to 8m wide

The type of transformer required depends on how many drapes you wish to chain together:

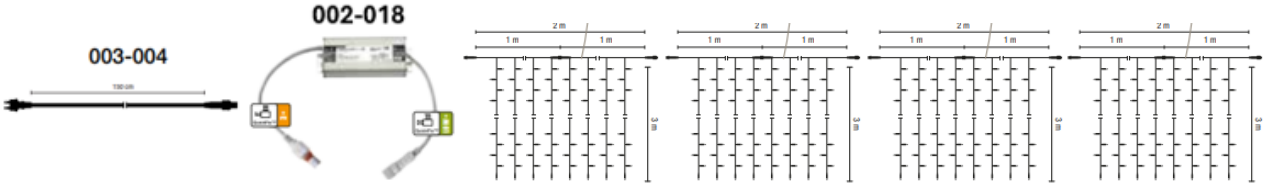
- 1 x drape:



- 2 x drapes



- 3 to 4 drapes:



(Note: The drape can be broken down into 1m widths. Individual strands cannot be removed on the low voltage drapes)

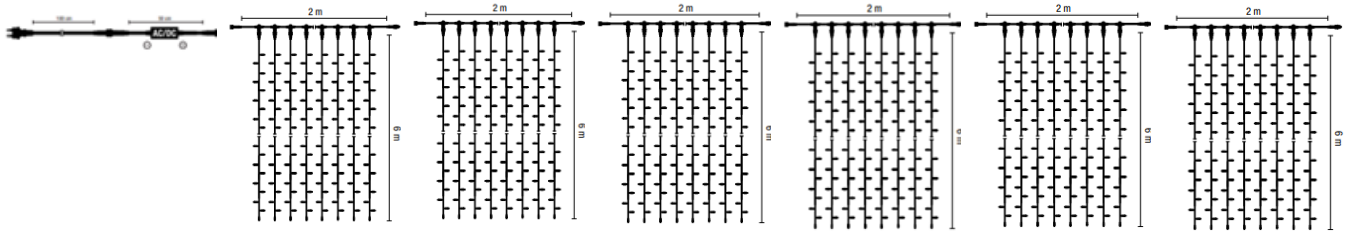
6m Long Drape

Outdoor

With a choice of cable colour, and LED colour:

LED	019-333
LED	019-334
LED	019-337
LED	019-441

A maximum of 6 x drapes can be powered from one plug and one rectifier. Allowing for a 6m drape up to 12m wide

001-013 

(Note: Individual strands can be removed to make the drape slimmer)

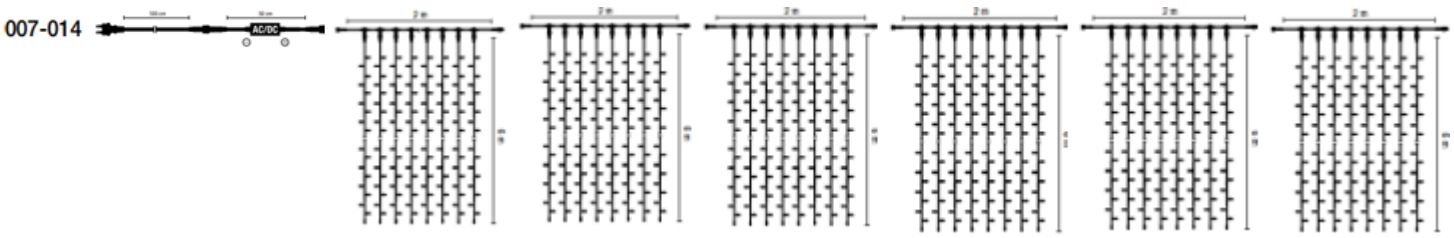
6m long drape

Indoor

In a choice of LED colours

LED	017-040
LED	017-057
LED LED	017-060

A maximum of 6 x drapes can be powered from one plug and one rectifier. Allowing for a 6m drape up to 12m wide



(Note: Individual strands can be removed to make the drape slimmer)

6m long drape

Low Voltage

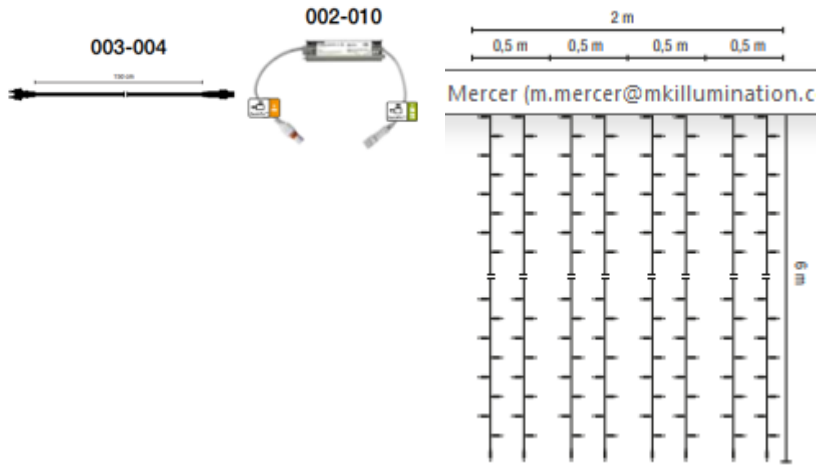
With a choice of LED colours:

LED	029-069
LED	029-070

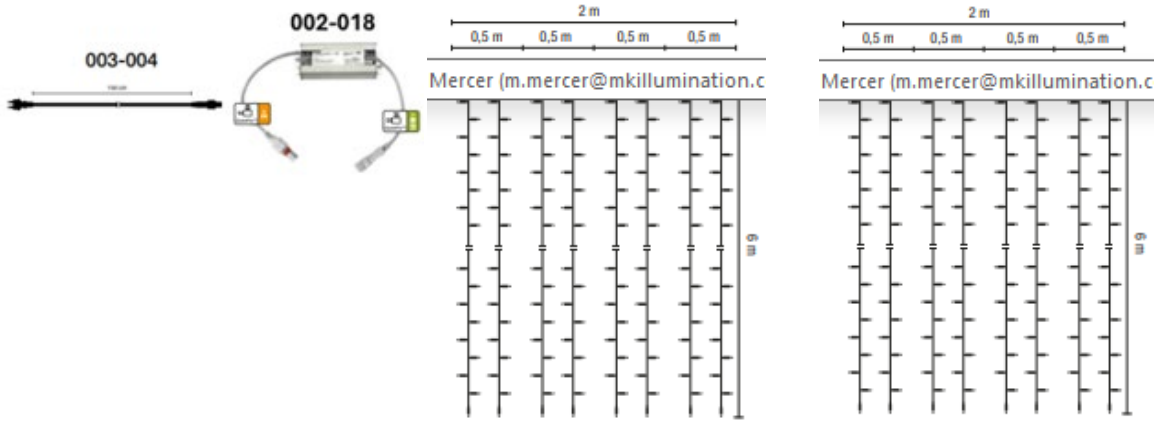
A maximum of 2 x drapes can be chained together. Allowing for a 6m drape up to 4m wide

The type of transformer required depends on how many drapes you wish to chain together:

- 1 x drape:



- 2 x drapes



(Note: This drape can be split into 50cm widths. Individual strands cannot be removed)

Ice Light Guide

Which MK range is best for you:

Outdoor If your ice lights will be out of reach of the public. Outdoor is the best way to go. With a choice of black cable, or white cable

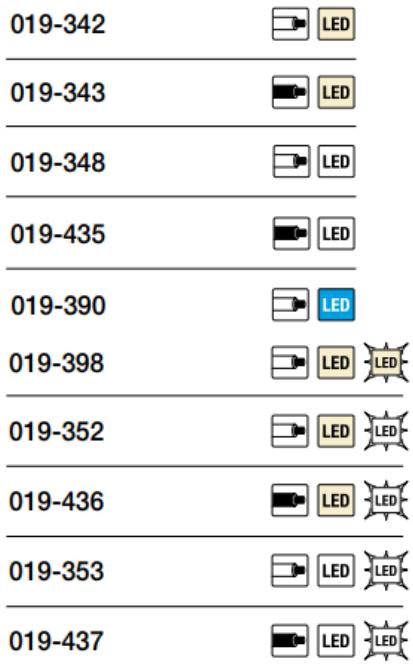
Low Voltage. Choose this range if you think people will be getting up close to your ice lights. With options in black cable and transparent cable

We have a choice of Ice light length. 50cm, 90cm, and 150cm

50cm Ice

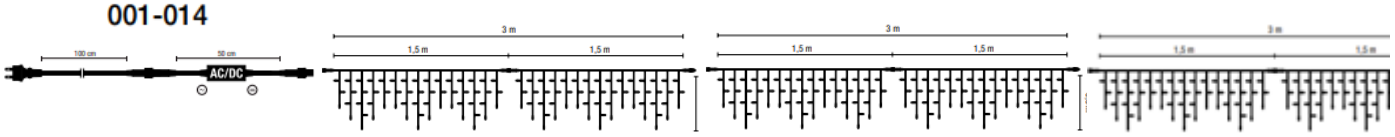
Outdoor

With a choice of cable colour and LED colour:



A maximum of 50 x 50cm ice light sets can be chained together from one plug and one rectifier. Allowing for a run of 50cm ice lights up to 150m long.

001-014



(Note the sets come in 3m lengths, which can be split into two 1.5m lengths)

50cm Ice

Low Voltage

With a choice LED colour

029-118 LED

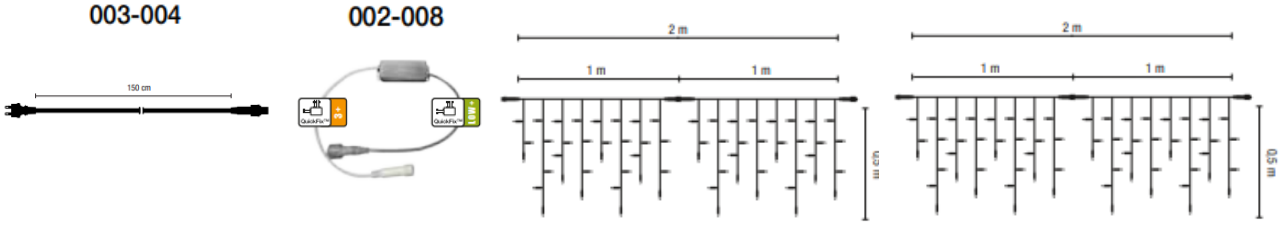
029-119 LED

A maximum of 22 x 50cm ice light sets can be chained together from one plug and one transformer. Allowing for a run of 50cm ice lights up to 44m long.

The transformer required depends on the number of ice lights you wish to chain together:

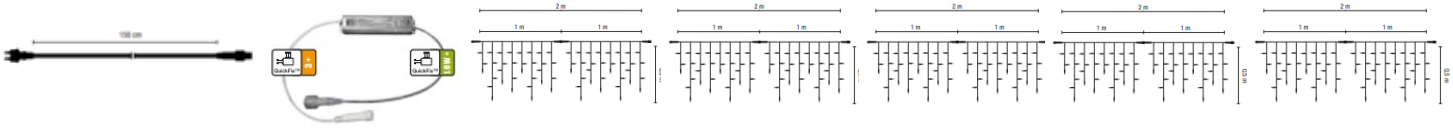
- 1 or 2 sets:

003-004 002-008



- 3 to 5 sets:

003-004 002-009



- 6 to 11 sets:

- 12 to 22 sets:

(Note the sets come in 2m lengths, which can be split into two 1m lengths)

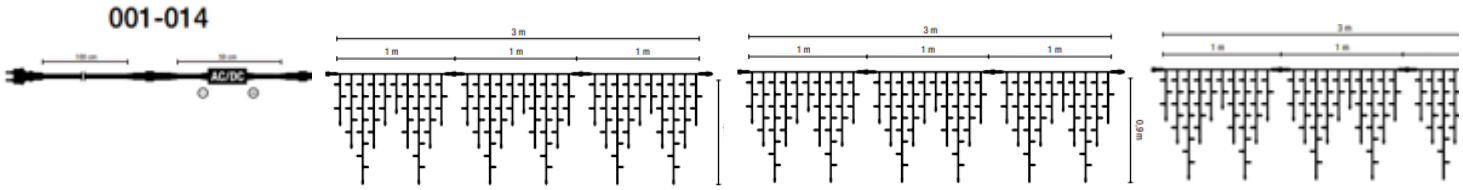
90cm Ice Lights

Outdoor

In a choice of cable colour and LED colour

019-344	LED
019-345	LED
019-349	LED
019-438	LED
019-400	LED LED
019-351	LED LED
019-439	LED LED
019-350	LED LED
019-440	LED LED

A maximum of 36 x 90cm ice light sets can be chained together from one plug and one rectifier. Allowing for a run of 90cm ice lights up to 108m long.



(Note the sets come in 3m lengths, which can be split into three 1m lengths)

90cm Ice Lights

Low Voltage

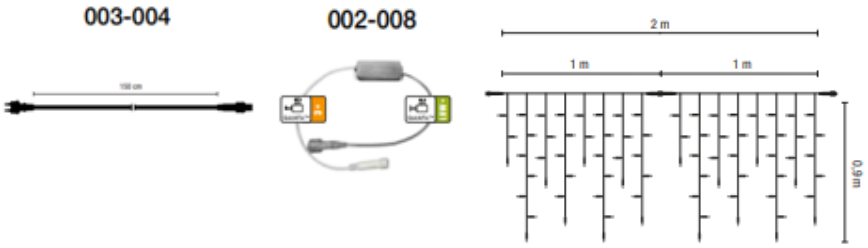
In a choice of LED colour

029-010	LED
029-009	LED
029-113	LED LED
029-056	LED LED

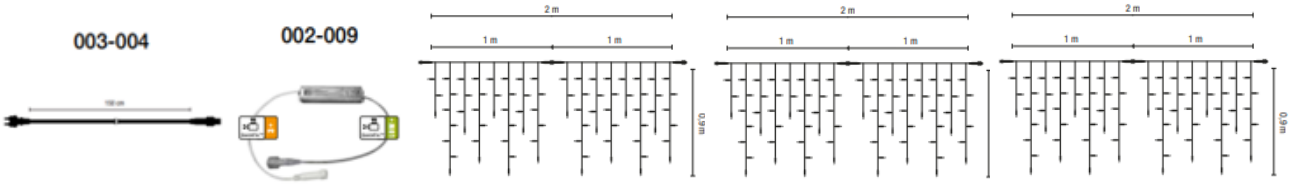
A maximum of 15 x 90cm ice light sets can be chained together from one plug and one transformer. Allowing for a run of 90cm ice lights up to 30m long.

The transformer required depends on the number of ice lights you wish to chain together:

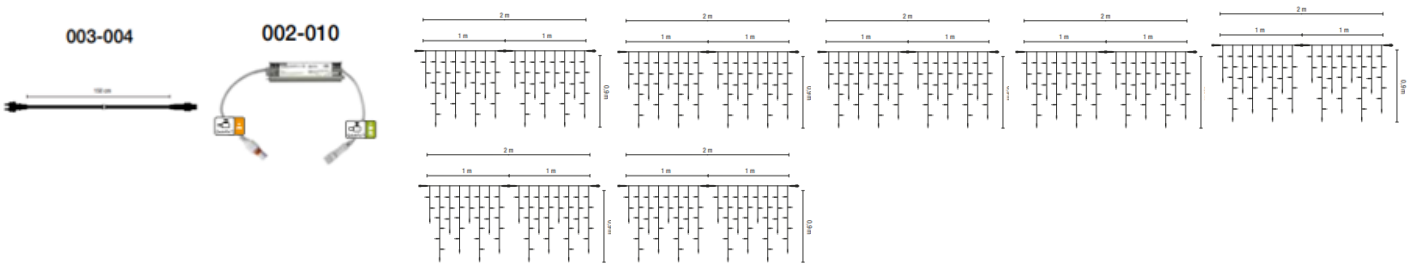
- 1 x set:



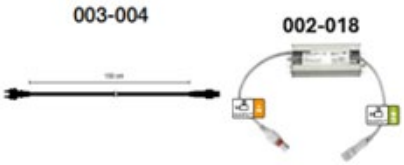
- 2 or 3 sets:



- 4 to 7 sets:



- 8 to 15 sets:



(Note the sets come in 2m lengths, which can be split into two 1m lengths)

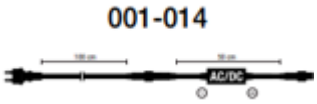
150cm Ice Lights

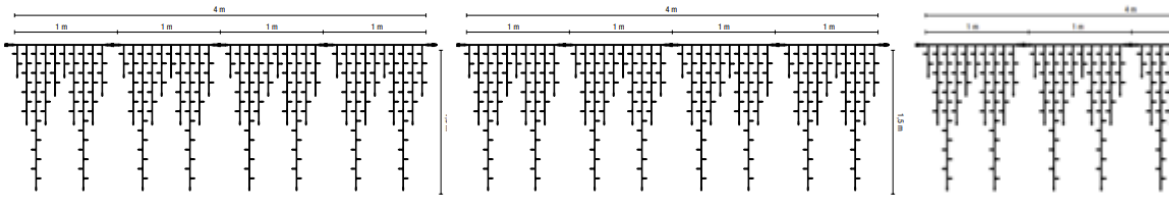
Outdoor

In a choice of cable colour and LED colour

019-346	LED
019-347	LED
019-396	LED
019-397	LED

A maximum of 26 x 150cm ice light sets can be chained together from one plug and one rectifier. Allowing for a run of 150cm ice lights up to 104m long.





(Note the sets come in 4m lengths, which can be split into four 1m lengths)

150cm Ice Lights

Low Voltage

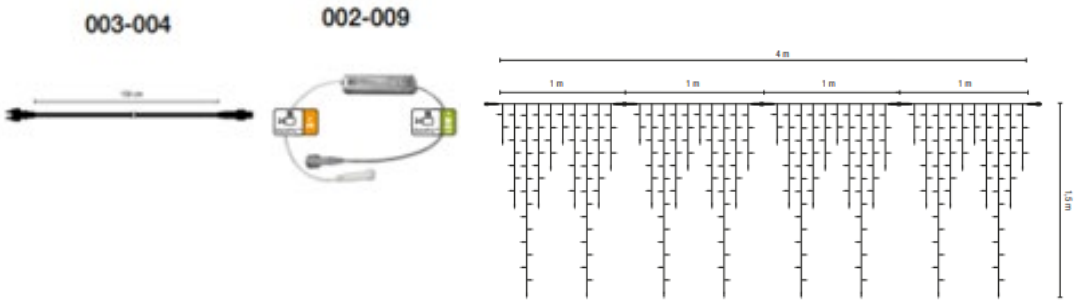
In a choice of LED colour

029-058	LED
029-059	LED
029-114	LED LED
029-060	LED LED

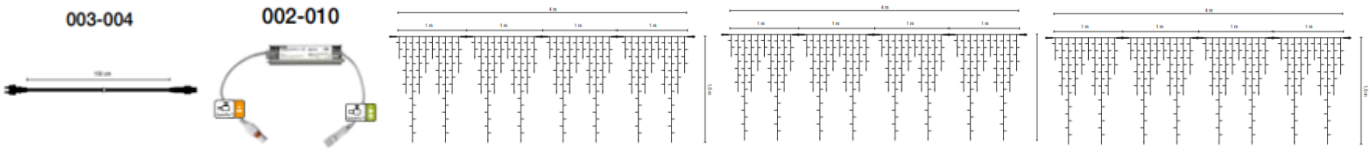
A maximum of 7 x 150cm ice light sets can be chained together from one plug and one transformer. Allowing for a run of 150cm ice lights up to 28m long.

The transformer required depends on the number of ice lights you wish to chain together:

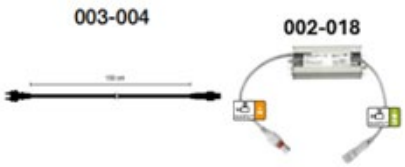
- 1 x sets:

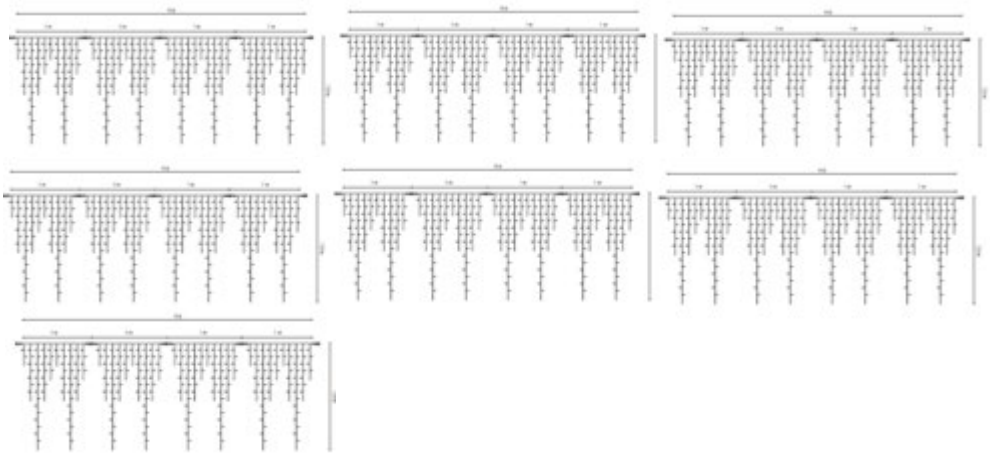


- 2 or 3 sets:



- 4 to 7 sets:





(Note the sets come in 4m lengths, which can be split into four 1m lengths)

Rope Light Guide

Which MK range is best for you:

Outdoor If your lights will be out of reach of the public. Outdoor is the best way to go.

Low Voltage. Choose this range if you think people will be getting up close to your lights.

Outdoor

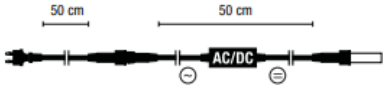
In a choice of LED colours

248-200	LED
248-201	LED
248-202	LED
248-203	LED
248-204	LED
248-205	LED

This rope light comes on rolls of 45m. And a maximum of 90m can be run off one rectifier and plug

Note: This rope light can be cut every 1m.

001-023



----- Up to 90m of rope light.

Low Voltage

In a choice of LED colours:

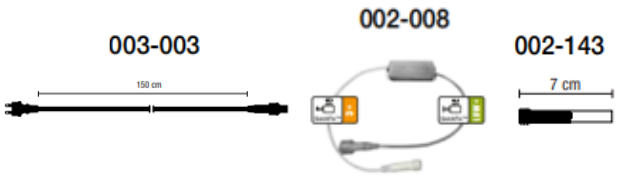
245-030	LED
245-031	LED
245-032	LED
245-033	LED
245-034	LED
245-035	LED
245-036	LED
245-037	LED

This rope light comes on rolls of 20m. And a maximum of 60m can be run off one transformer and plug.

The type of transformer required depends on the length of rope light you wish to run.

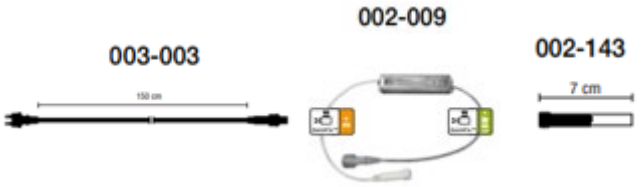
Note: This rope light can be cut every 33cm

- 33cm to 396cm:



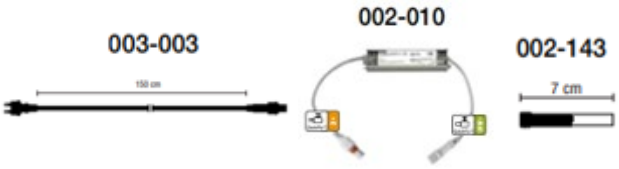
----33cm-------396cm

- 429cm to 1089cm:



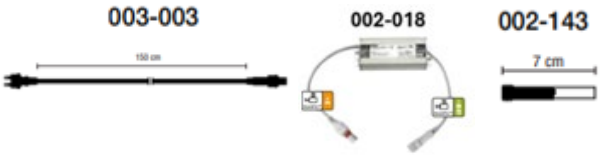
---429cm-----1089cm

- 1122cm to 2112cm:



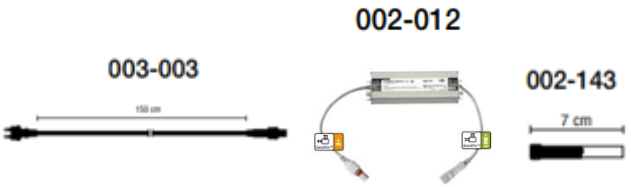
-----1122cm------2117cm

- 2145cm to 4224cm:



-----2145cm------4224cm

- 4224cm to 6000cm:

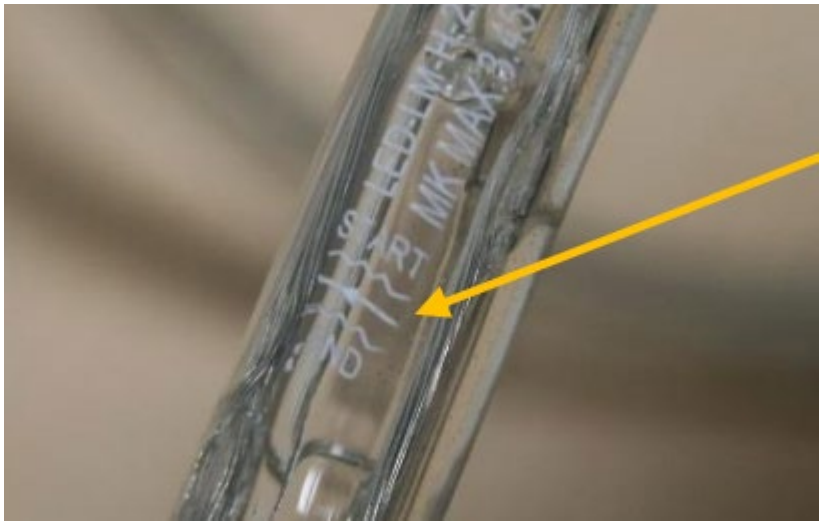


----4224cm to 6000cm

Using Rope Light

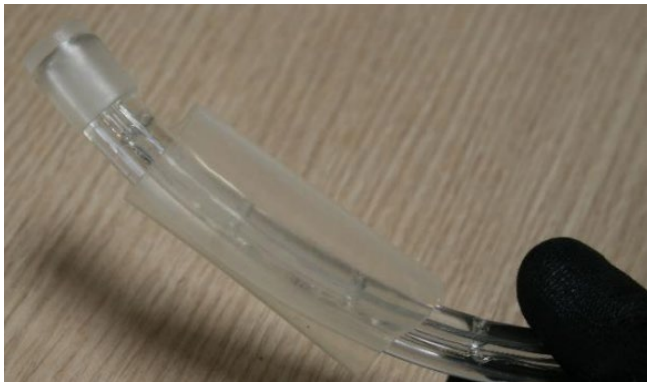
As mentioned above. The **Outdoor** rope light can be cut every 1m. And the **Low Voltage** rope can be cut every 33cm.

The rope light is marked to show where to cut. If you cut anywhere except where it is marked, it will no longer work



Both ranges require a connection kit:

Once you have cut your rope light to the desired length. Block one end using the cap. Leave it loose for now, until we have the rope light powered up.



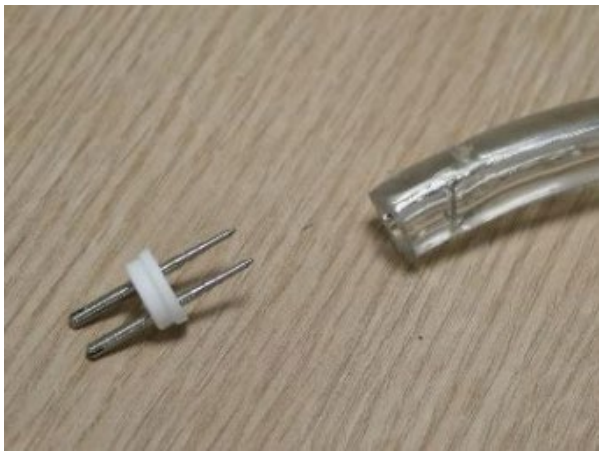
Next, pushing the connector pin into the start of the rope light length.

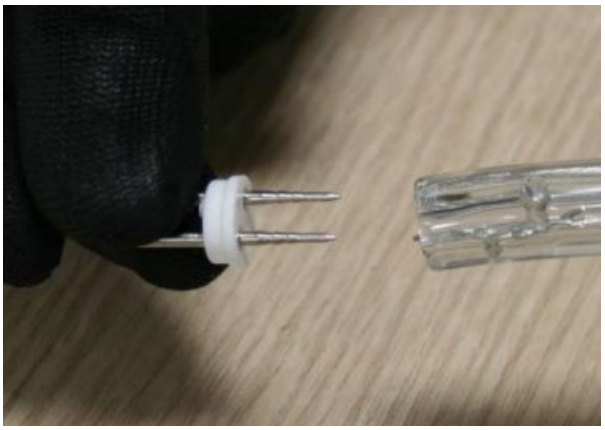
Examine the end and find the two small holes with exposed wires in them.

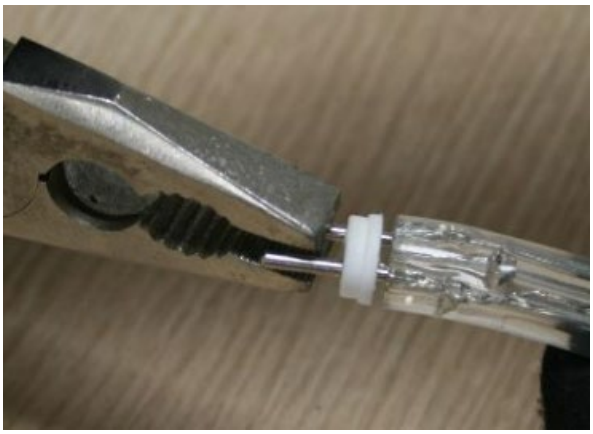
Push the pointed end of the connector into these two small holes.

Push it in as far as you can.

Slide the heat shrink on, ready for later







Next, we need to connect the rope light to the power source.

Slide the pins into the rubber sleave, and into connector.

Use a heat gun on the rubber sleave to make it softer and easier to work with

Before inserting the pins, take note, that they are not central. Line up the pins with the holes before inserting.

Once inserted, the connections should be flush

Now, before we seal it, plug it in.

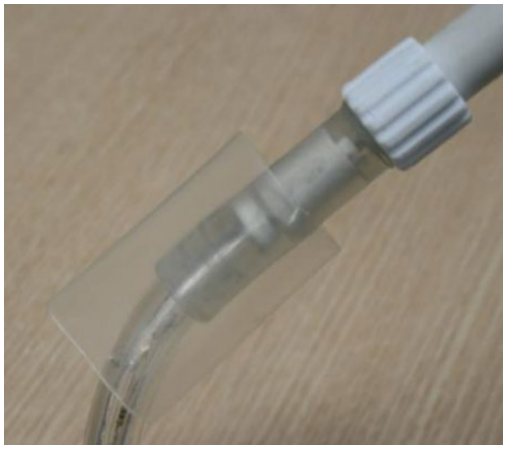
If it works, move onto the next step.

If it doesn't. Go back to the start and put the pins in the "end" of the rope length.

The reason for this is rope light is polarity sensitive. It only works with the pins in the correct way.

Once its working, seal the joins using the heat shrink tube we slid on earlier.

Use the tube of glue supplies with the connection kit. Squeeze some glue around each join, then slide the heat shrink over the join, and use the heat gun to shrink it into place.



Repeat this on the end of the rope light, to seal the end cap in place