Fairy Lights
Quick Connect
System

24V LED / COMMERCIAL GRADE

INDOOR OUTDOOR

UV STABILISED

24V EXTRA LOW VOLTAGE

OUTDOOR IP RATED

2 YEAR WARRANTY

COMMERCIAL GRADE

VANDAL RESISTANT

GREEN FRIENDLY

AUSTRALIAN DESIGNED

Firefly LIGHTING

Fairy Lights

PRODUCT RANGE

24V LED STRAIGHT STRING

COMMERCIAL GRADE / QUICK CONNECT SYSTEM

FIREFLY LIGHTING
Phone : +61 7 3254 4333
Email : sales@fireflylighting.com.au
Address : 9/29 Links Ave. North Eagle Farm.
Brisbane QLD 4009 Australia
www.fireflylighting.com.au

Firefly Fairy Lights are the ideal solution for many applications. Straight strings come in 5m and 10m lengths.
Simply connect and install. No need for cutting, soldering, or taping, saving you time and expensive labour costs.
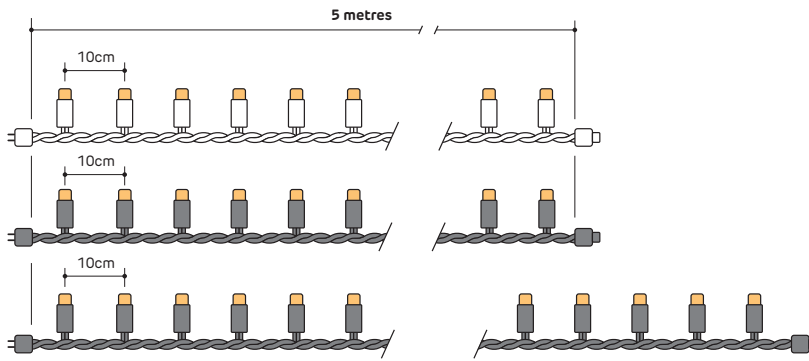
Golden Warm White Static Range

FL-GW-5-WH
Golden warm white

FL-GW-5-BL
Golden warm white

FL-GW
Golden warm white

5 metres

10cm

Colours Static Range

FL-CW
Cool white

FL-R
Red

FL-B
Blue

FL-MC
Multi coloured

10 metres

10cm

Orange Green Red Blue
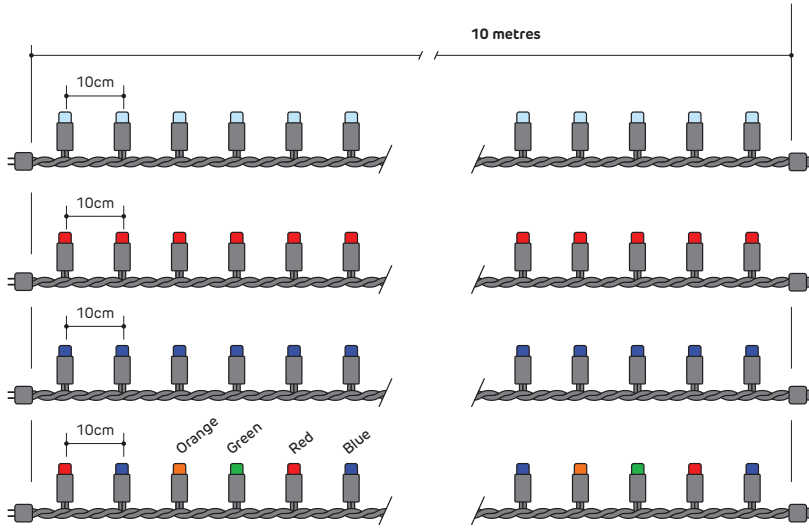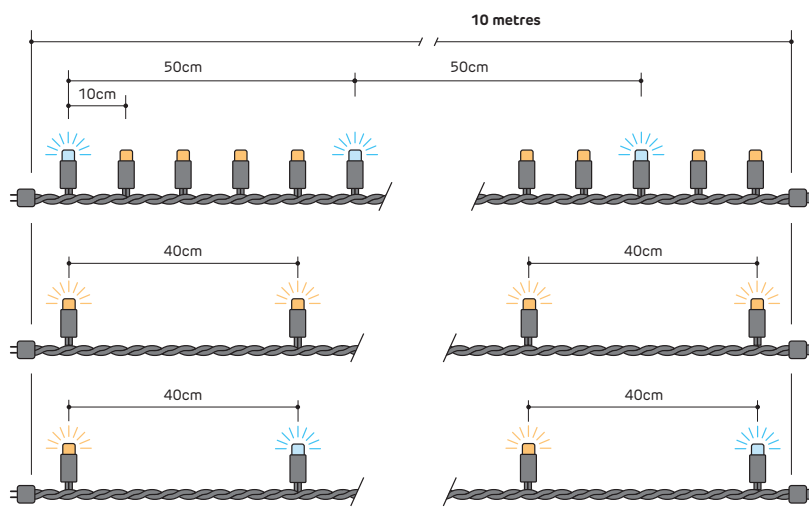
Glitter Range

FL-GW-1F
Golden warm white static
with cool white glitter

FL-FO-2F
Golden warm white glitter

FL-FO-3F
Golden warm white glitter
with cool white glitter

10 metres

50cm 50cm

10cm

40cm 40cm

40cm 40cm

WHITE cable
and LED base

BLACK cable
and LED base

DATA SHEET

Fairy Lights

SPECIFICATIONS

24V LED STRAIGHT STRING
COMMERCIAL GRADE / QUICK CONNECT SYSTEM

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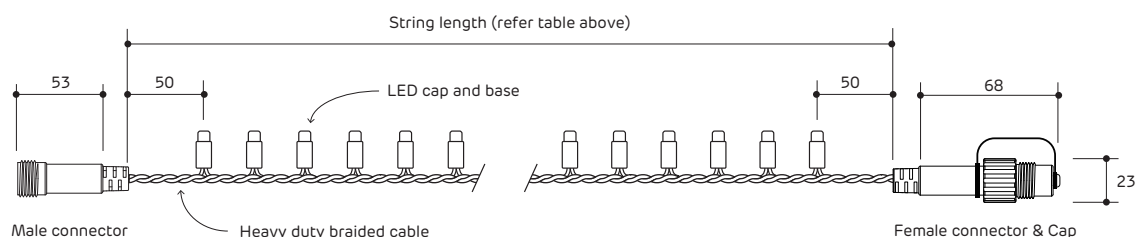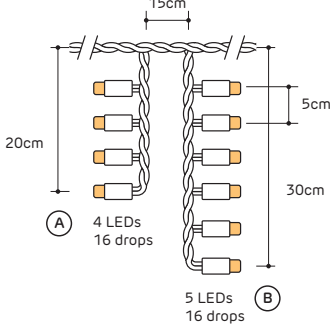| 24V EXTRA LOW VOLTAGE | INDOOR OUTDOOR | UV STABILISED | OUTDOOR IP RATED | 2 YEAR WARRANTY | COMMERCIAL GRADE | VANDAL RESISTANT | GREEN FRIENDLY | AUSTRALIAN DESIGNED |

Firefly Lighting Quick Connect System makes light work of creating spectacular architectural lighting effects. Made stronger and robust for Australia's extreme weather conditions, the Firefly Lighting Quick Connect System is designed to provide you with greater creative flexibility while significantly reducing the time and labour required for installation. The Quick Connect System is only limited by your imagination, and is fully interchangeable with our Fairy Light Straight String and Icicle String ranges.

Range	Golden Warm White			Colours				Glitter		
PRODUCT ID PRODUCT CODE	FL-GW-5-WH FL-G2-5M-10CM -24VDC-W-GWW	FL-GW-5-BL FL-G2-5M-10CM -24VDC-B-GWW	FL-GW FL-G2-10M-10CM -24VDC-B-GWW	FL-CW	FL-R FL-G2-10M-10CM -24VDC-B-RED	FL-B FL-G2-10M-10CM -24VDC-B-BLUE	FL-MC FL-G2-10M-10CM -24VDC-B-RBOG	FL-GW-1F FL-G2-10M-10CM -24VDC-B-GWW/CWF	FL-FO-2F FL-G2-10M-40CM -24VDC-B-GWWF	FL-FO-3F FL-G2-10M-40CM -24VDC-B-GWWF/CWF
Colour Designation	Golden Warm White			Cool White	Red	Blue	Multi Colour: Orange, Green, Red, Blue	Golden Warm White Static + Cool White Glitter	Golden Warm White Glitter	Golden Warm White Glitter + Cool White Glitter
String length metres	5m		10m							
Quantity of LEDs per string length	50		100							25
LED Spacing (see page 2)	Standard									Glitter Spacing
Cable Colour	White	Black								
Net Weight per piece	0.5 kg		1.0 kg							
Dimmable	Yes (with dimmable PWM driver)							No		
CCT	2200K		6500K	Various						
Power watts / string length	2.5W	5W	4W	3.2W	4W					1.6W
	Cable 1 x 0.50mm, 1 x 0.75mm Quick Connect System / **Voltage** 24 V DC / **LED Cap** Clear / **IP Rating** IP65									

DIMENSIONS
Shown in millimetres

String length (refer table above)

53   50   LED cap and base   50   68

Male connector   Heavy duty braided cable   23   Female connector & Cap

Icicle Lights

PRODUCT RANGE

24V LED ICICLE STRING
COMMERCIAL GRADE / QUICK CONNECT SYSTEM

Static Range

Golden Warm White Static with Warm White and Cool White Glitter

IC-GW-23
160 LEDs

15cm
20cm
5cm
30cm
Ⓐ 4 LEDs
16 drops
5 LEDs Ⓑ
16 drops

IC-GW-35
128 LEDs

15cm
30cm
10cm
50cm
Ⓐ 3 LEDs
16 drops
5 LEDs Ⓑ
16 drops

IC-GW-11
170 LEDs

30cm
10cm
100cm
100cm
Ⓐ 10 LEDs
17 drops
10 LEDs Ⓑ
17 drops

IC-GW-12
250 LEDs
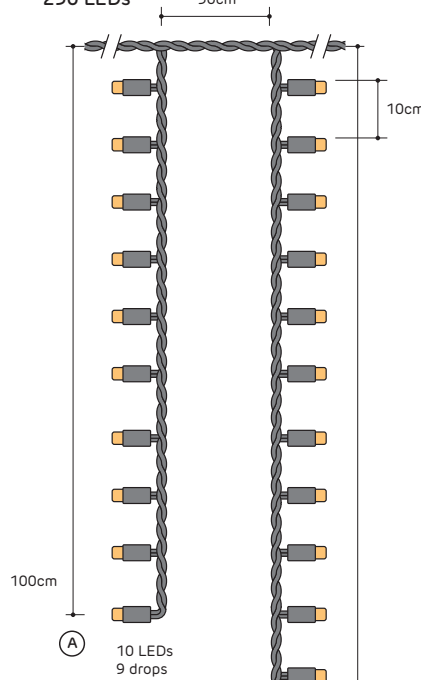
30cm
10cm
100cm
Ⓐ 10 LEDs
9 drops
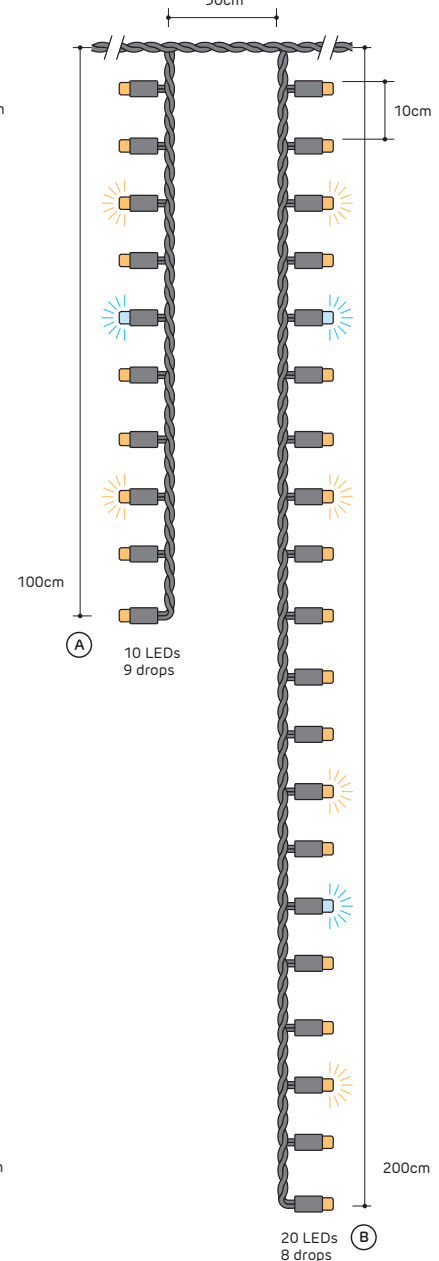
This product is also available in Red or Blue LEDs

IC-R
250 Red LEDs

IC-B
250 Blue LEDs

200cm
20 LEDs Ⓑ
8 drops

IC-GW-3F
250 LEDs

30cm
10cm
100cm
Ⓐ 10 LEDs
9 drops

200cm
20 LEDs Ⓑ
8 drops

Firefly Icicle Lights are the ideal solution for many applications. String lengths are 5m. Simply connect and install. No need for cutting, soldering, or taping, saving you time and expensive labour costs.

FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest data sheet.

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Icicle Lights

SPECIFICATIONS

24V LED ICICLE STRING
COMMERCIAL GRADE / QUICK CONNECT SYSTEM

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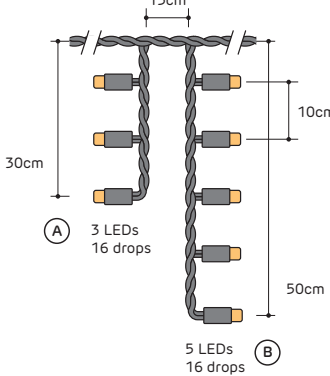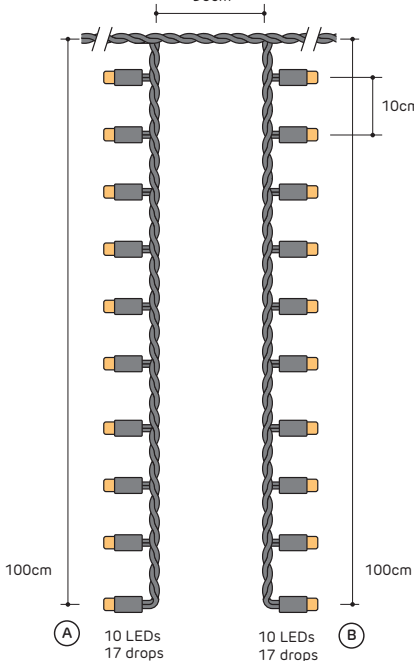
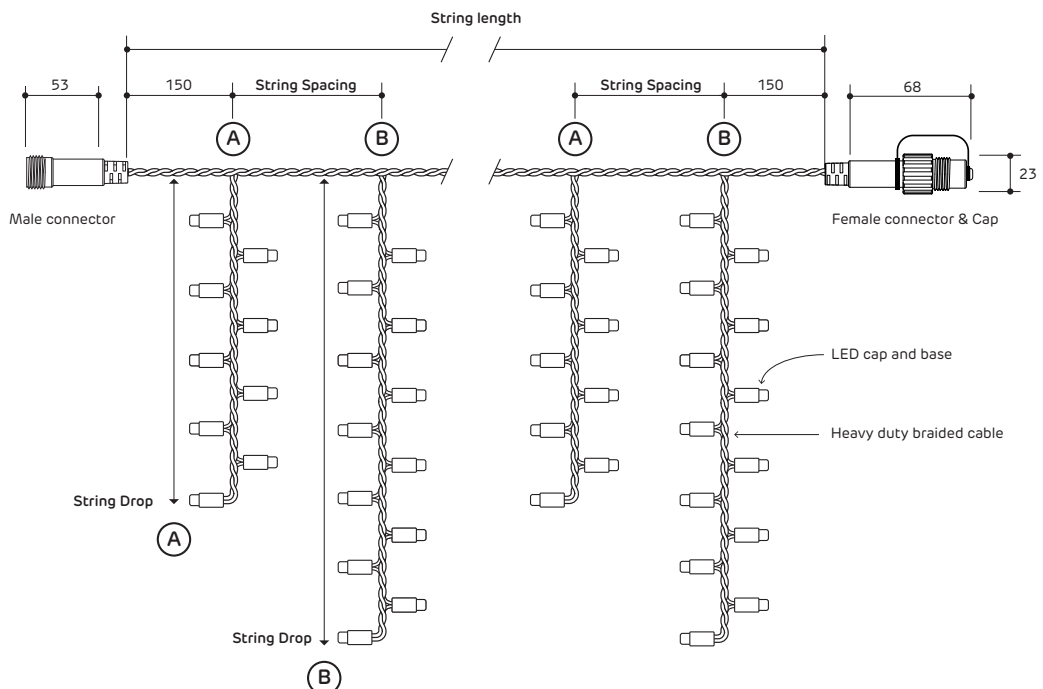| 24V EXTRA LOW VOLTAGE | INDOOR OUTDOOR | UV STABILISED | OUTDOOR IP RATED | 2 YEAR WARRANTY | COMMERCIAL GRADE | VANDAL RESISTANT | GREEN FRIENDLY | AUSTRALIAN DESIGNED |

More than just simple Christmas lights, Firefly Lighting's Icicle Lighting provide a versatile alternative for creating stunning lighting effects. Firefly Lighting's Icicle Lights are ideal for wrapping large trees and structures, or creating a light canopy inside a marquee or shade structure. They're super easy to install too, saving you time and expensive labour costs. Our Icicle Lights also use our unique Quick Connect System that's fully interchangeable with our other Fairy Light ranges.

Range	Golden Warm White				Colours		Glitter
Product ID	IC-GW-23	IC-GW-35	IC-GW-11	IC-GW-12	IC-R	IC-B	IC-GW-3F
Colour Designation							
	Goldern Warm White				Red	Blue	Golden Warm White Static with Warm White and Cool White Glitter
String length metres	5m						
Quantity of LEDs per string length	160	128	170	250	250	250	250
LED Spacing (see page 4)	Small	Standard					
String Drop (A) / String Drop (B)	20/30 cm	30/50 cm	100/100 cm	100/200 cm	100/200 cm	100/200 cm	100/200 cm
Cable Colour	White	Black					
Net Weight kilograms	1.4	1.4	2	2.8	2.8	2.8	2.8
Dimmable	Yes (with dimmable PWM driver)						No
CCT	2200K				Various		
Power watts	6.5w	5w	11w	18.5w	8w	18w	18w
	Cable 1 x 0.50mm, 1 x 0.75mm Quick Connect System / **Voltage** 24 V DC / **LED Cap** Clear / **IP Rating** IP65						

DIMENSIONS

Shown in millimetres

53   150   String Spacing   String length   String Spacing   150   68   23

Male connector

(A)   (B)   (A)   (B)

Female connector & Cap

LED cap and base

Heavy duty braided cable

String Drop (A)

String Drop (B)

FIREFLY LIGHTING reserves the right to change this product and the specifications at any time without prior notice. Visit **www.fireflylighting.com.au** for the latest data sheet.

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DATA SHEET

Quick Connect

SYSTEM LAYOUT

24V LED FAIRY AND ICICLE LIGHTS
COMMERCIAL GRADE / QUICK CONNECT SYSTEM
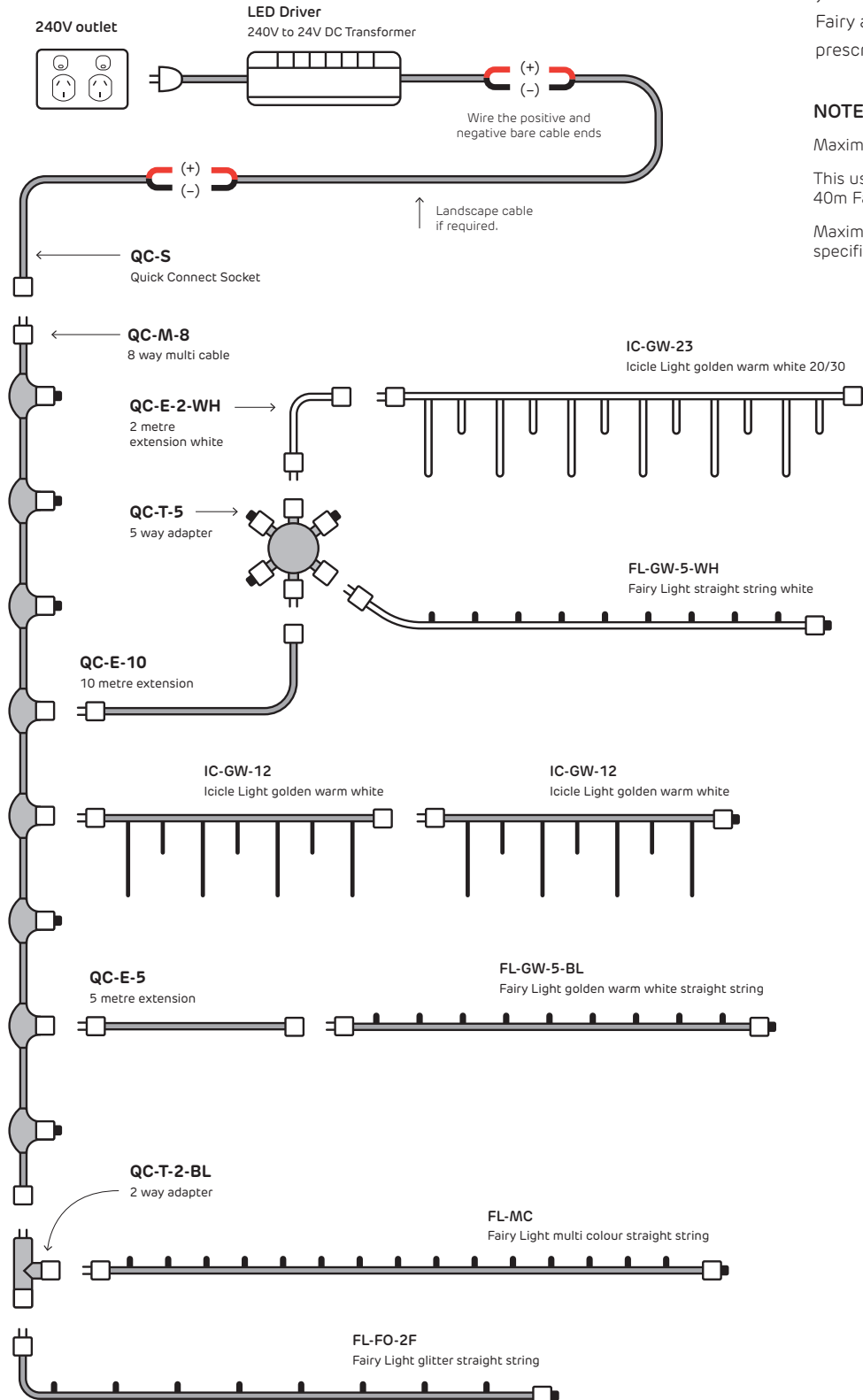
Firefly Lighting's Quick Connect System used across our Fairy Light and Icicle ranges allows you to easily connect additional strings of Fairy and Icicles lights in the same run within prescribed max run lengths.
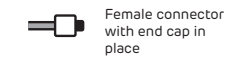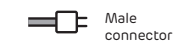
NOTES

Maximum cable length from the LED driver is 50m.

This usually consists of 10m extension cables and 40m Fairy Light straight strings.

Maximum connectable lenghts noted on specification sheets.

240V outlet

LED Driver
240V to 24V DC Transformer

(+)
(−)

Wire the positive and negative bare cable ends

(+)
(−)

Landscape cable if required.

QC-S
Quick Connect Socket

QC-M-8
8 way multi cable

QC-E-2-WH
2 metre extension white

QC-T-5
5 way adapter

QC-E-10
10 metre extension

IC-GW-23
Icicle Light golden warm white 20/30

FL-GW-5-WH
Fairy Light straight string white

IC-GW-12
Icicle Light golden warm white

IC-GW-12
Icicle Light golden warm white

QC-E-5
5 metre extension

FL-GW-5-BL
Fairy Light golden warm white straight string

QC-T-2-BL
2 way adapter

FL-MC
Fairy Light multi colour straight string

FL-FO-2F
Fairy Light glitter straight string

KEY

Male connector

Female connector

Female connector with end cap in place

(+)
(−)

Ensure all bare end cables are finished off with resin filled heat shrink to ensure IP rating is maintained.

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Quick Connect

SYSTEM ACCESSORIES

24V LED FAIRY AND ICICLE LIGHTS
COMMERCIAL GRADE / QUICK CONNECT SYSTEM

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Firefly Lighting's Quick Connect System used across our Fairy Light and Icicle ranges allows you to easily connect additional strings of Fairy and Icicles lights in the same run within prescribed max run lengths.

Our simple plug n play system integrates polarity wiring and water proof connections into a easy to use scaleable solution.

Black
White

CABLE COLOUR
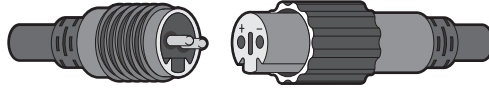
MALE CONNECTOR
2 prongs with positive and negative pre wired.

FEMALE CONNECTOR
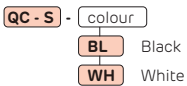Pushes into the male connector and screws tight to seal.
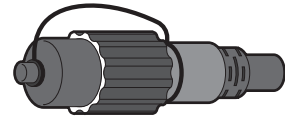
UNUSED CONNECTORS
Screw the end cap onto the end of the female connector to seal.
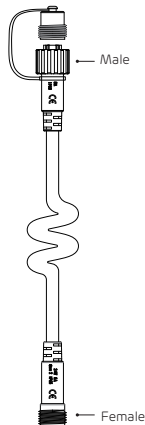
QC-S

Quick Connect Socket

Connects the LED driver to the Firefly Quick Connect System.

QC - S - colour
BL Black
WH White

— Male
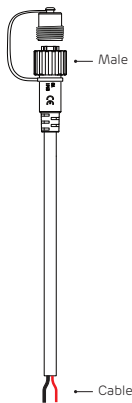
— Cable

QC-E

Quick Connect Extension Cable

Available in 2m, 5m and 10m lengths.
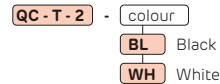
QC - E - metres - colour
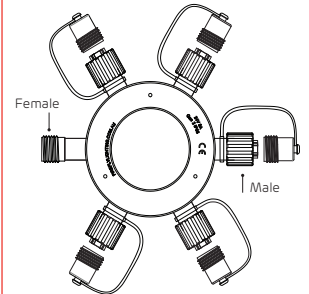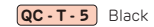2 BL Black
5 WH White
10

— Male

— Female
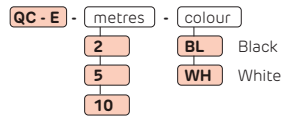
QC-T-2

Quick Connect Adapters

Connect up to 50m of Firefly Fairy Lights from each output. Max 50m length from output taking into account any extension cables and tail length from LED driver.

QC - T - 2 - colour
BL Black
WH White

Female   Male

QC-T-5

QC - T - 5 Black

Female

Male
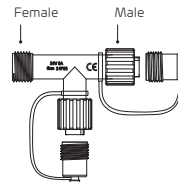
QC-M

Quick Connect Multi Outlet cable

Connect up to 50m of Firefly Fairy Lights from each output. Max 50m length from output taking into account any extension cables and tail length from LED driver.

QC - M - outlets - colour
8 BL Black
10 WH White

Length
8 Outlets = 2.5m / 10 Outlets = 3.1m

Female
10cm   30cm   10cm

Male

8 or 10 outlets