Firefly LIGHTING

Festoon

PROFESSIONAL GRADE DECORATIVE LED LAMPS

Low voltage 'green' LED system with shatterproof outdoor-rated bulbs

- Clear V6 and V12 "Filament" versions provide beautiful, warm, vintage look
- Classic look without the headaches
- Shatterproof polycarbonate globes
- IP65-rated for outdoor installations
- Frosted version in warm and cool white, plus a selection of rich, deep colors
- 24 Volts – Safe for public areas
- Lasts for years!

CE

INDOOR USE OUTDOOR USE

Designed in Australia

tmb

Exclusive Distribution – Europe, The Americas, and Asia

The perfect choice for:

- Restaurants
- Theme parks
- Retail
- Malls
- Signage
- Parks
- Festivals
- Events
- Buildings
- Bridges
- Casinos
- Stage Sets
- Film/TV Sets
- Walkways
- Boats
- Safety Lighting

And more!!

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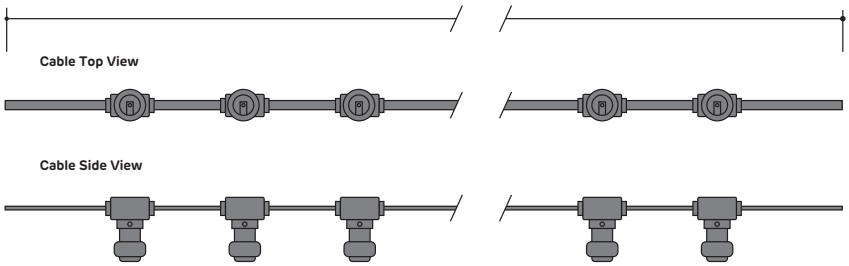
Flat Festoon Cable

24V Commercial Grade

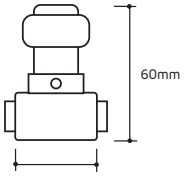
Firefly Lighting's Flat Festoon Cable is designed for permanent installations. Each lamp holder is factory moulded to a flat self-leveling heavy-duty cable and with a clever weatherproof flange keeps the lamp bases free from moisture and salt air. The cable is self-supporting up to 7 meters. Please use a catenary wire if your run exceeds 7 meters securing the light string with UV rated zip ties. Please see page 5 for installation suggestions.

Product sold per meter. For Lamp Holder Spacing see configurations below.

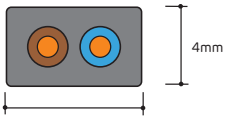


Socket Top View

Socket Side View



Cable End View



Black Spacing Configurations available

40cm | 50cm | 90cm | 150cm

White Spacing Configurations available

50cm | 90cm

Positive
Brown Sheath meets
Red Transformer Terminal

Negative
Blue Sheath meets
Black Transformer Terminal

Part Number	FIRFESCAB40CM	FIRFESCAB50CM	FIRFESCAW50CM	FIRFESCAB90CM	FIRFESCAW90CM	FIRFESCAB1.5M
Lamp Holder Spacing	40cm	50cm		90cm		150cm
Lamp Holder per meter	2.5	2		1.1		0.6
Cable Colour	Black	Black	White	Black	White	Black
Roll Length	50m	100m		100m		50m
Weight Per Meter (approx)	280g	220g		150g		180g

Protection Class	Class II
Core Cables	2x1.5MM² VDE
Insulation	PVC/ABS
Core Colours	Blue (-), Brown (+)
Operating Voltage	24V
Rated Frequency	50Hz - 60Hz
Cable Width	12mm
Cable Height	4.5m
Lamp Holder Type	E27

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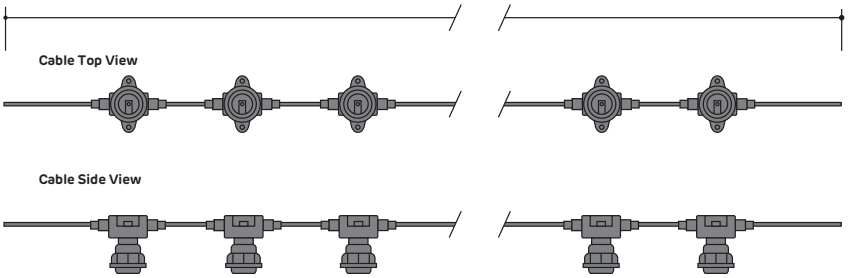
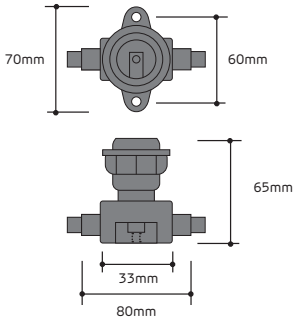
Surface Mounted Cable

24V Commercial Grade

Firefly Lighting's Surface Mounted Festoon Cable is designed for permanent installations and is ideal for marquee outlines on awnings or bulb mounting behind signs. Each lamp holder is factory moulded to a heavy-duty rubber cable with a clever weatherproof flange that keeps the lamp bases free from moisture and salt air. Each lamp holder has mounting holes pre-drilled, so it's easy to install on-site.

Product sold per meter. For Lamp Holder Spacing see configurations below.





Black Spacing Configurations available

20cm | 40cm

White Spacing Configurations available

20cm

Part Number	FIRFESCAB20CMSM	FIRFESCAW20CMSM	FIRFESCAB40CMSM
Lamp Holder Spacing	20cm		40cm
Lamp Holder per meter	5		2.5
Cable Colour	Black	White	White
Roll Length	50m		
Weight Per Meter (approx)	415g		210g

Protection Class	Class II
Core Cables	2x1.5MM² VDE
Insulation	PVC/ABS
Core Colours	Blue (-), Brown (+)
Operating Voltage	24V
Rated Frequency	50Hz - 60Hz
Lamp Holder Type	E27

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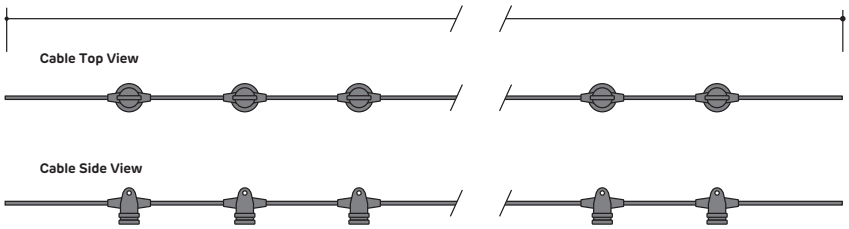
Shaded Festoon Cable

24V Commercial Grade

Firefly Lighting's Café Style Festoon Cable is designed for permanent installations and is ideal for cafes and outdoor hospitality venues that want to add a touch of razzle-dazzle day or night. Each lamp holder is factory moulded to a heavy-duty rubber cable, and along with the Copper or Silver shades and rubber o-rings (sold separately), the lamp bases stay free from moisture. Our Shades Festoon Cable must be used with a catenary wire to ensure stability. A handy hole is pre-moulded into the lamp holder for easy attachment with UV-rated zip ties to a catenary wire. Please see page 5 for installation suggestions.

Product sold per meter. For Lamp Holder Spacing see configurations below.



Spacing Configurations available

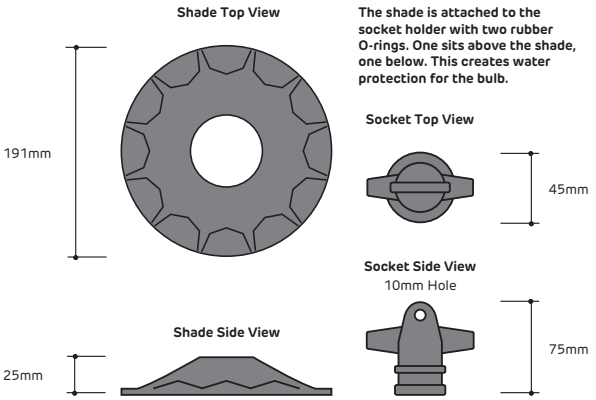
50cm | 90cm

Part Number	FIRFESCAB50CMC	FIRFESCAB90CMC
Lamp Holder Spacing	50cm	90cm
Lamp Holder per meter	2	1.1
Roll Length	100m	
Weight per Meter (approx)	220g	150g

Cable Colour	Black
Protection Class	Class II
Core Cables	2x2.08mm² SJTW
Insulation	PVC/ABS
Core Colours	Blue (-), Brown (+)
Operating Voltage	24V
Rated Frequency	50Hz - 60Hz
Lamp Holder Type	E27

The shades are sold separately in two colours.

Copper | Stainless Steel



The shade is attached to the socket holder with two rubber O-rings. One sits above the shade, one below. This creates water protection for the bulb.

Copper Shade - FIRFESSC

Silver Shade - FIRFESSS

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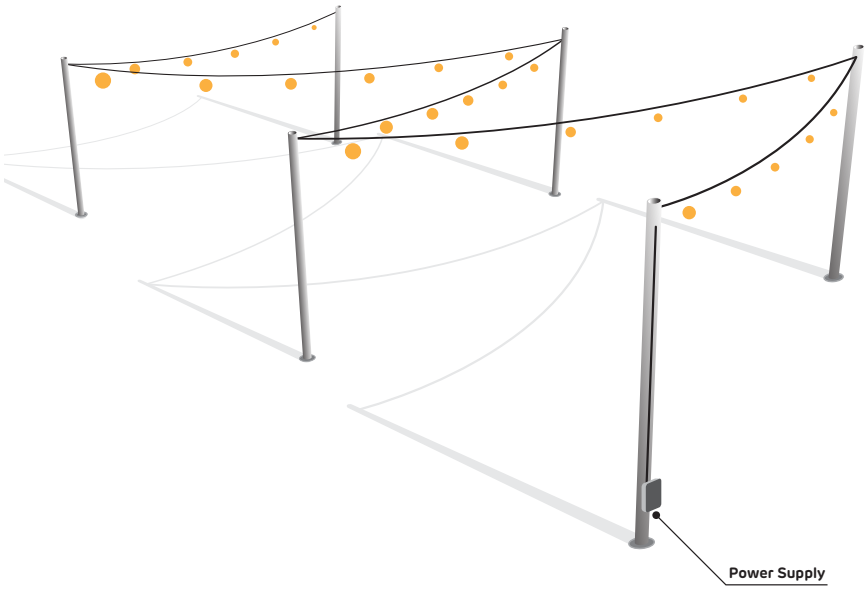
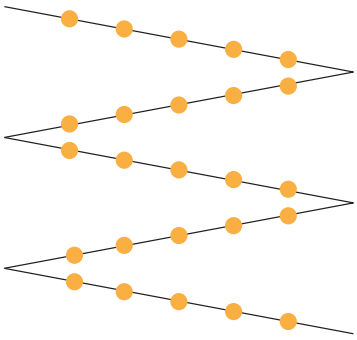
Festoon Cable Hanging Options

24V Commercial Grade

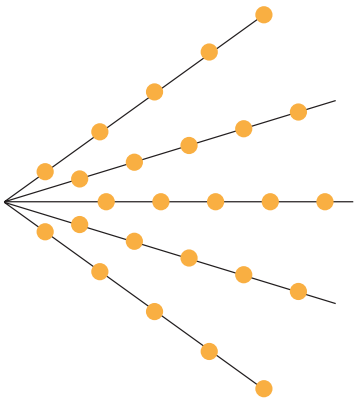
Example of Zig-Zag Runs



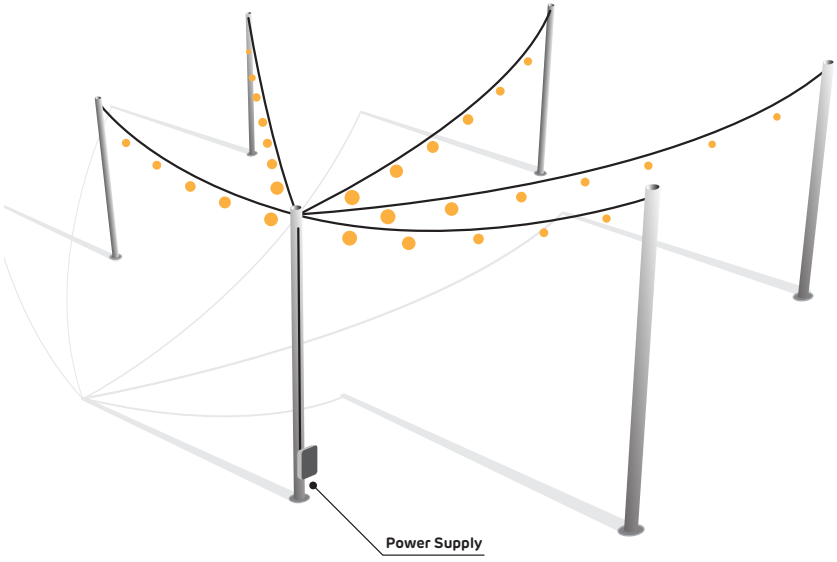
Zig-Zag Runs



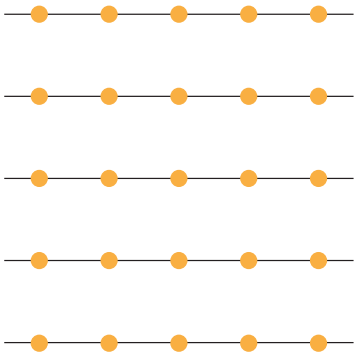
Sun Ray Runs



Example of Sun Ray Runs



Linear Runs



Note

Maximum unsupported run is 7 meters. For longer spans a catenary wire must be used. Examples provided on page 6.

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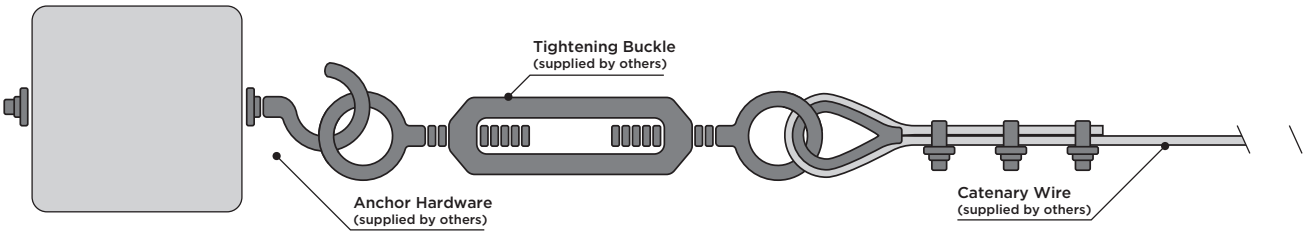
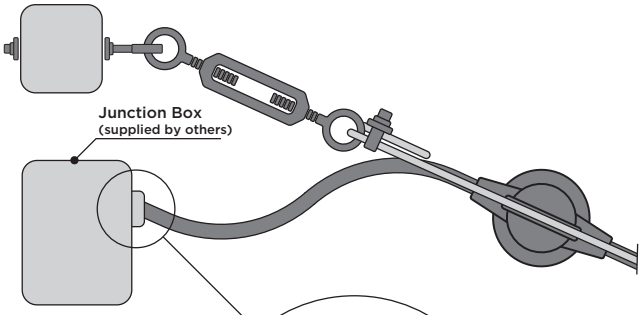
Festoon Cable Catenary Mounting Suggestions





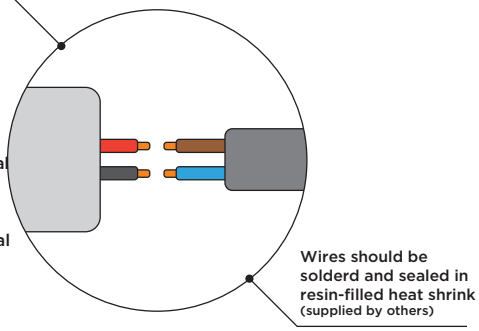
Disclaimer

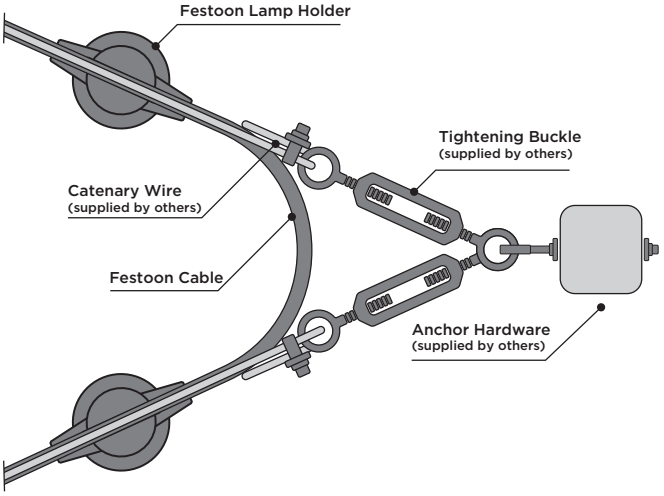
The mounting examples detaied in these diagrams are for examples only. These are not intended to replace the advice of a qualified engineer.

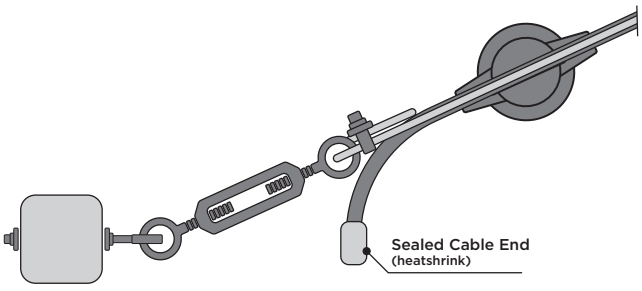
Cable Wiring

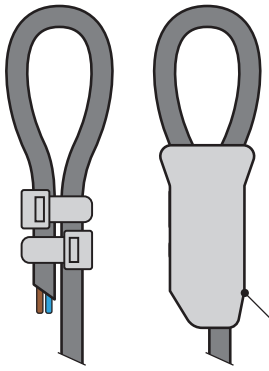
Brown Sheath
meets Red
Transformer Terminal

Blue Sheath
meets Black
Transformer Terminal









Cable End for Self Supporting Runs

The cut end of the cable should be covered be throughly sealed with silicone and resin-filled heat shrink.

The bare end of the cable must be completely covered and bare wires seperated. Ensure cable is double ziptied before heat shrink is applied.

Resin Filled Heat Shrink
(supplied by others)

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G45 'Fancy Round' Festoon Bulbs

24V Commercial Grade

G45 Filaments V6 are 588nm, turtle friendly.

Range	Part Number	Colour Designation	CCT	Power	Lumen Output
Clear Cap	FIRFESV6LAMP2	Golden Warm White	2200k	0.5w	30lm
	FIRFESV12LAMP2	Golden Warm White	2200k	1w	60lm
Frosted Cap	FIRFESWWFLAMP2	Warm White	2500k	1.5w	88lm
	FIRFESCWFLAMP2	Cool White	5700k	1.5w	54lm
Coloured Cap	FIRFESRDLAMP2	Red	N/A	1.5w	4lm
	FIRFESGNLAMP2	Green	N/A	1.5w	141lm
	FIRFESBLLAMP2	Blue	N/A	1.5w	21lm
	FIRFESPKLAMP2	Pink	N/A	1.5w	12lm
	FIRFESORLAMP2	Orange	N/A	1.5w	201lm
	FIRFESYWLAMP2	Yellow	N/A	1.5w	251lm

Voltage	24V AC/DC
IP Rating	IP66
Dimmable	Yes, with PWM Dimmer or AC Phase Cut Driver
Cap Material	Polycarbonate
UV Stabilised	Yes

6 LED
Golden Warm White
FIRFESV6LAMP2

12 LED
Golden Warm White
FIRFESV12LAMP2

Warm White
FIRFESWWFLAMP2

Cool White
FIRFESCWFLAMP2

Red
FIRFESRDLAMP2

Green
FIRFESGNLAMP2

Blue
FIRFESBLLAMP2

Pink
FIRFESPKLAMP2

Orange
FIRFESORLAMP2

Yellow
FIRFESYWLAMP2

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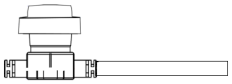
Weight per Meter

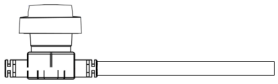
FIRFESV2CAB6I



0.068 kg

1.828 m

FIRFESV2CAB8I



0.0753 kg

2.438 m

FIRFESV2CAB12I

0.0907 kg

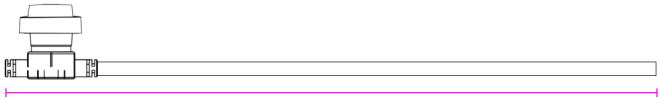
3.657 m

FIRFESV2CAB18I

0.1134 kg

5.486 m

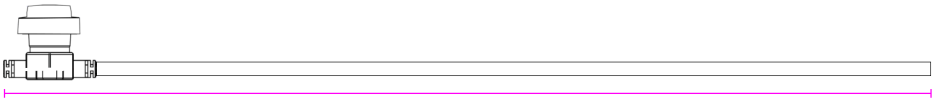
FIRFESV2CAB24I



0.1361 kg

7.315 m

FIRFESV2CAB36I



0.1814 kg

10.972 m

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Mean Well 24 VDC LED Drivers

- High efficiency 24VDC LED drivers in DIN Rail and stand-alone with multiple wattage configurations
- IP-rated units available
- Fixed or dimmable output. Dimming available via 1-10VDC, 10V PWM signal, resistance, or built-in potentiometer.

Dimming Options Available

FloppyDrive DIN Rail Mount

- DMX dimming for 12 or 24V LED Tapes, Neons, and other low voltage systems of all types.
- Two 12V or 24V 2-, 3-, 4-, or 5-wire outputs
- Addressing, monitoring and reporting of all functions, via RDM
- 1200Hz flicker-free refresh rate
- Pluggable Terminal Block (PTB) screw terminals for bare-wire, installation flexibility
- Requires external 24VDC 240W PSU (Mean Well SDR series suggested)
- More information and full specification sheets at https://tmb.com/proplex-floppydrives

RDM

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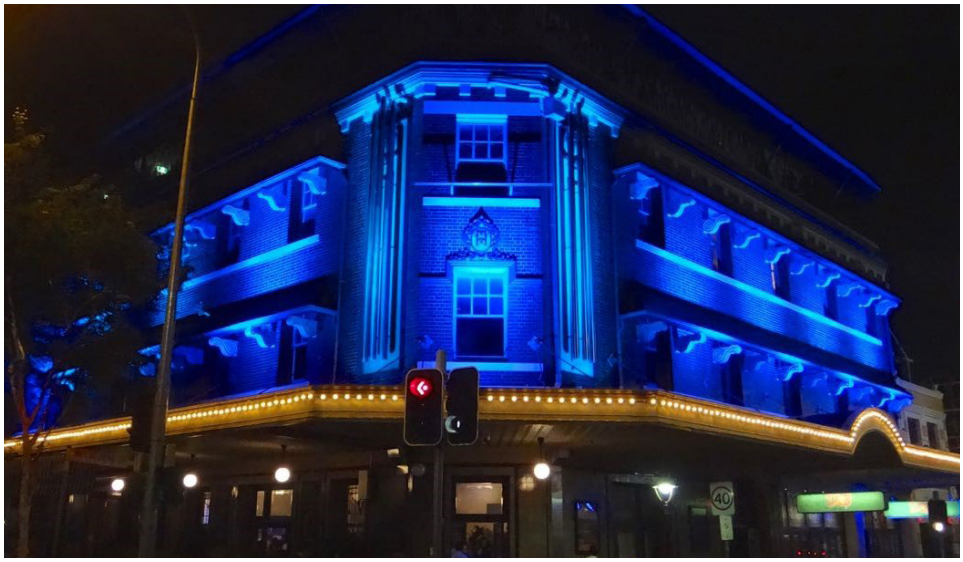

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