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
- 120V ETL Listed "Filament" lamps available! (V6 and V12)
- Lasts for years!

Intertek
5017299

INDOOR USE OUTDOOR USE

Designed in Australia

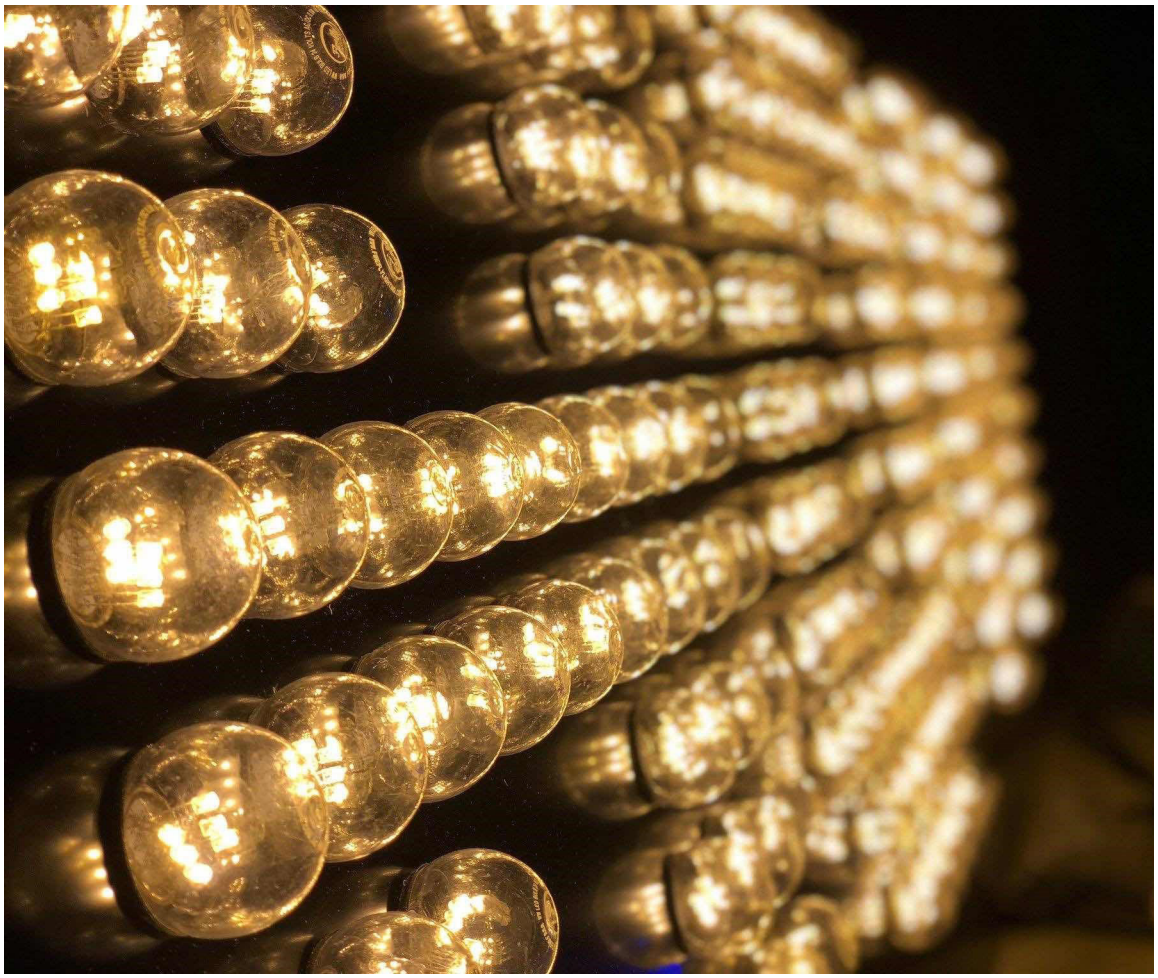
tmb

Exclusive Distribution – The Americas, Europe, and Asia

Firefly LIGHTING

Festoon

PROFESSIONAL GRADE LED
DECORATIVE LIGHTING



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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sales@tmb.com

Available 24 Volt G45 Lamp Options

WARM WHITE G45
“FILAMENT” V12 LED
FIRFESV1224VE2

WARM WHITE G45
“FILAMENT” V6 LED
FIRFESV624VE2

COOL WHITE PEARL G45
FIRFESCWFLAMPE

WARM WHITE PEARL G45
FIRFESWWFLAMPE

RED G45
FIRFESRDLAMPE

BLUE G45
FIRFESBLLAMPE

GREEN G45
FIRFESGNLAMPE

PINK G45
FIRFESPKLAMPE

YELLOW G45
FIRFESYWLAMPE

ORANGE G45
FIRFESORLAMPE

PURPLE G45
FIRFESPRLAMPE

24 Volt G45 Lamp Specifications

Part Number	Item	Lumen Output (LM)	CCT (K)	Voltage (V)	Watt (W)
FIRFESV1224VE2	Warm White V12 “Filament”, G45 Round	39.8	2200	24 VAC/DC	1
FIRFESV624VE2	Warm White V6 “Filament”, G45 Round	21.1	2200	24 VAC/DC	0.5
FIRFESCWFLAMPE	Cool White, 21 SMD LED, G45 Round	54	5700	24 VAC/DC	1
FIRFESWWFLAMPE	Warm White, 21 SMD LED, G45 Round	88	2200	24 VAC/DC	1
FIRFESRDLAMPE	Red, 21 SMD LED, G45 Round	4	-	24 VAC/DC	1
FIRFESBLLAMPE	Blue, 21 SMD LED, G45 Round	2.1	-	24 VAC/DC	1
FIRFESGNLAMPE	Green, 21 SMD LED, G45 Round	141	-	24 VAC/DC	1
FIRFESPKLAMPE	Pink, 21 SMD LED, G45 Round	13	-	24 VAC/DC	1
FIRFESYWLAMPE	Yellow, 21 SMD LED, G45 Round	251	-	24 VAC/DC	1
FIRFESORLAMPE	Orange, 21 SMD LED, G45 Round	201	-	24 VAC/DC	1
FIRFESPRLAMPE	Purple, 21 SMD LED, G45 Round	2.5	-	24 VAC/DC	1

Note: For outdoor use, application of a thin coat of silicone grease to lamp’s metal screw base before inserting in socket is recommended.

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Available 120 Volt G45 Lamp Options

WARM WHITE G45
“FILAMENT” V12 LED
FIRFESV12120VE2

WARM WHITE G45
“FILAMENT” V6 LED
FIRFESV6120VE2

120 Volt G45 Lamp Specifications

Part Number	Item	Lumen Output (LM)	CCT (K)	Voltage (V)	Watt (W)
FIRFESV12120VE2	Warm White V12 “Filament”, G45 Round	39.8	2200	120 VAC	1
FIRFESV6120VE2	Warm White V6 “Filament”, G45 Round	21.1	2200	120 VAC	0.5

Note: For outdoor use, application of a thin coat of silicone grease to lamp’s metal screw base before inserting in socket is recommended.

G45 Filaments V6 are 588nm, turtle friendly.

Available 120 Volt S14 Lamp Options

WARM WHITE S14 2W
CURLY FILAMENT LED
FIRFES14F2120V

WARM WHITE S14 2W
CURLY FILAMENT LED
FIRFES14F2120V

WARM WHITE S14 1W
CURLY FILAMENT LED
FIRFES14F1120V

120 Volt S14 Lamp Specifications

Part Number	Item	Lumen Output (LM)	CCT (K)	Voltage (V)	Watt (W)
FIRFES14F252120	Warm White Curly Filament 2 Watt, S14 Globe	150 lm	2500K	120 VAC	2
FIRFES14F2120V	Warm White Curly Filament 2 Watt, S14 Globe	140 lm	1800K	120 VAC	2
FIRFES14F1120V	Warm White Curly Filament 1 Watt, S14 Globe	77.2 lm	1800K	120 VAC	1

Note: For outdoor use, application of a thin coat of silicone grease to lamp’s metal screw base before inserting in socket is recommended.

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PROFESSIONAL GRADE LED
C35 24 VOLT LAMPS

Available C35 Lamp Options

WARM WHITE PEARL C35
FIRFESC35WWFE

RED C35
FIRFESC35RDE

BLUE C35
FIRFESC35BLE

GREEN C35
FIRFESC35GNE

PINK C35
FIRFESC35PKE

YELLOW C35
FIRFESC35YWE

ORANGE C35
FIRFESC35ORE

PURPLE C35
FIRFESC35PRE

C35 Lamp Specifications

Part Number	Item	Lumen Output (LM)	CCT (K)	Voltage (V)	Watt (W)
FIRFESC35WWFE	Warm White, SMD LED, C35 Candle	32	2500	24 VAC/DC	1
FIRFESC35RDE	Red, SMD LED, C35 Candle	4	-	24 VAC/DC	1
FIRFESC35BLE	Blue, SMD LED, C35 Candle	2.5	-	24 VAC/DC	1
FIRFESC35GNE	Green, SMD LED, C35 Candle	13	-	24 VAC/DC	1
FIRFESC35PKE	Pink, SMD LED, C35 Candle	12	-	24 VAC/DC	1
FIRFESC35YWE	Yellow, SMD LED, C35 Candle	26	-	24 VAC/DC	1
FIRFESC35ORE	Orange, SMD LED, C35 Candle	22	-	24 VAC/DC	1
FIRFESC35PRE	Purple, SMD LED, C35 Candle	2.7	-	24 VAC/DC	1

Note: For outdoor use, application of a thin coat of silicone grease to lamp's metal screw base before inserting in socket is recommended.

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Firefly LIGHTING

Festoon

PROFESSIONAL GRADE LED
S14 24 VOLT LAMPS

Available 24 Volt S14 Lamp Options

WARM WHITE S14 2W
CURLY FILAMENT LED
FIRFESS14F25K2E

WARM WHITE S14 2W
CURLY FILAMENT LED
FIRFESS14F2E

WARM WHITE S14 1W
CURLY FILAMENT LED
FIRFESS14F1E

COOL WHITE S14
FIRFESS14CWFE

WARM WHITE S14
FIRFESS14WWFE

RED S14
FIRFESS14RDE

BLUE S14
FIRFESS14BLE

GREEN S14
FIRFESS14GNE

PINK S14
FIRFESS14PKE

YELLOW S14
FIRFESS14YWE

ORANGE S14
FIRFESS14ORE

PURPLE S14
FIRFESS14PRE

24 Volt S14 Lamp Specifications

Part Number	Item	Lumen Output (LM)	CCT (K)	Voltage (V)	Watt (W)
FIRFESS14F25K2E	Warm White Curly Filament 2 Watt, S14 Globe	AC 90lm / DC 50lm	2500K	24 VAC/DC	2
FIRFESS14F2E	Warm White Curly Filament 2 Watt, S14 Globe	AC 90lm / DC 50lm	1800K	24 VAC/DC	2
FIRFESS14F1E	Warm White Curly Filament 1 Watt, S14 Globe	AC 60lm / DC 30lm	1800K	24 VAC/DC	1
FIRFESS14CWFE	Cool White, SMD LED, S14 Globe	501	5700	24 VAC/DC	1
FIRFESS14WWFE	Warm White, SMD LED, S14 Globe	351	2500	24 VAC/DC	1
FIRFESS14RDE	Red, SMD LED, S14 Globe	4	-	24 VAC/DC	1
FIRFESS14BLE	Blue, SMD LED, S14 Globe	1.5	-	24 VAC/DC	1
FIRFESS14GNE	Green, SMD LED, S14 Globe	101	-	24 VAC/DC	1
FIRFESS14PKE	Pink, SMD LED, S14 Globe	12	-	24 VAC/DC	1
FIRFESS14YWE	Yellow, SMD LED, S14 Globe	221	-	24 VAC/DC	1
FIRFESS14ORE	Orange, SMD LED, S14 Globe	201	-	24 VAC/DC	1
FIRFESS14PRE	Purple, SMD LED, S14 Globe	21	-	24 VAC/DC	1

Note: For outdoor use, application of a thin coat of silicone grease to lamp's metal screw base before inserting in socket is recommended.

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Firefly Festoon Cables / Commercial Grade

- IP54 Rated. Weatherproof flange protects lamp holders and lamp bases from moisture.
- Round cable is available in suspended and inline versions.
- Round cables are ETL Listed and retain listing even when cut to length in the field
- Cables are self-supporting up to 23'. Maximum continuous cable run 330'.
- 24V festoon cables have a maximum of 300W
- 120V festoon cables have a maximum of 2160W

Firefly Lighting's inline surface mountable 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.

Round Festoon Cables

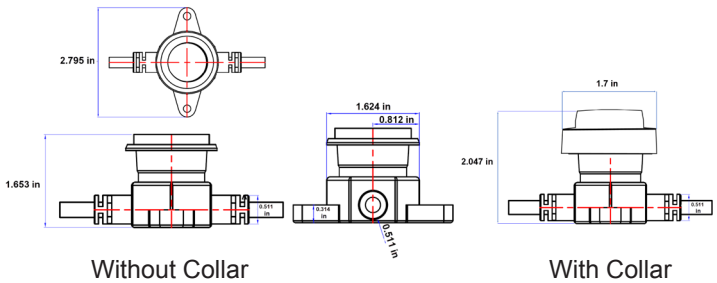
Available in black. Round cable with suspended or inline E26 sockets. Imperial socket spacing.

Type	Part Number	Spacing	Weight
Inline	FIRFESV2CAB6I	6"	0.14kg/ft
Inline	FIRFESV2CAB8I	8"	TBD
Inline	FIRFESV2CAB12I	12"	0.09kg/ft
Inline	FIRFESV2CAB18I	18"	0.07kg/ft+
Inline	FIRFESV2CAB24I	24"	TBD
Inline	FIRFESV2CAB36I	36"	TBD

Flat self leveling cables available by special order, enquire for more information.

Type	Part Number	Spacing	Weight	Length cable from junction to socket	Length from junction to bottom of socket
Suspended	FIRFESV2CAB12ID	12"	0.15kg/ft	5.2"	6.9"
Suspended	FIRFESV2CAB18ID	18"	0.11kg/ft	5.2"	6.9"
Suspended	FIRFESV2CAB24ID	24"	TBD	4.5"	6.2"
Suspended	FIRFESV2CAB36ID	36"	TBD	TBD	TBD

Inline Suspended



Without Collar With Collar

The collar can be removed and replaced in order to fit the socket through a facade or sign.

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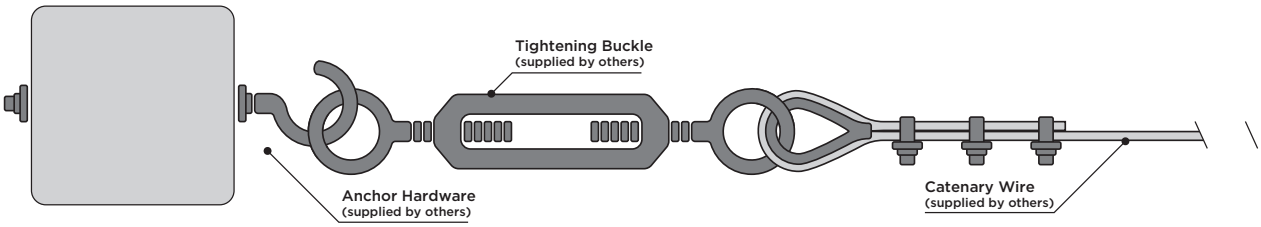
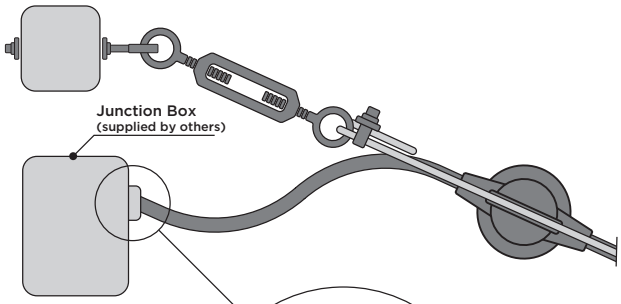
Festoon Cable Catenary Mounting Suggestions





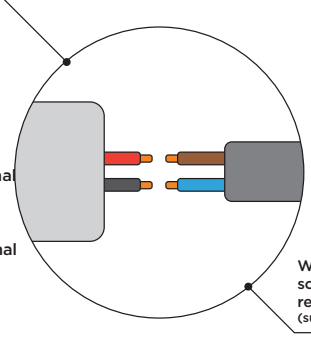
Disclaimer

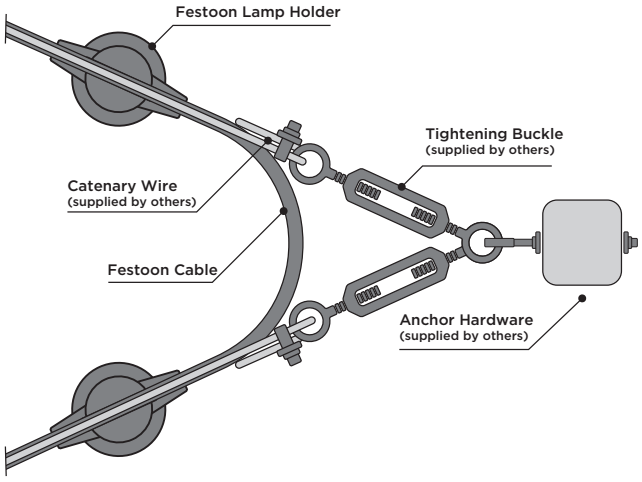
The mounting examples detaied in these diagrams are for examples only. These are not intended to replace the advice of a qualified engineer.

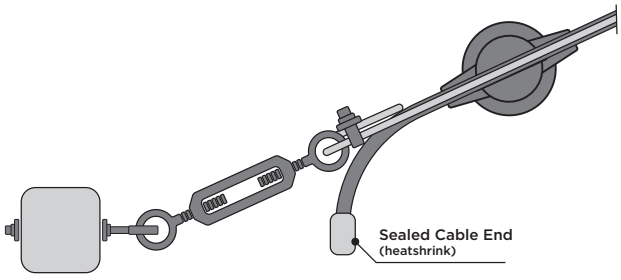
Cable Wiring

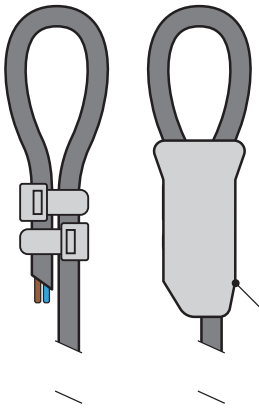
Brown Sheath
meets Red
Transformer Terminal

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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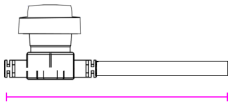
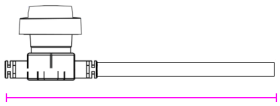
Weight per Foot

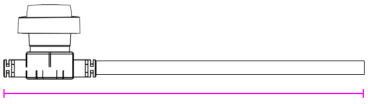
FIRFESV2CAB6I



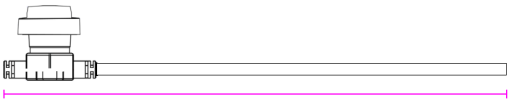
FIRFESV2CAB8I



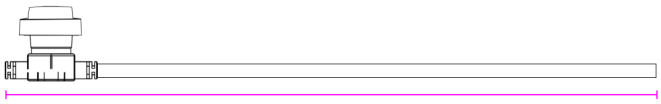
FIRFESV2CAB12I



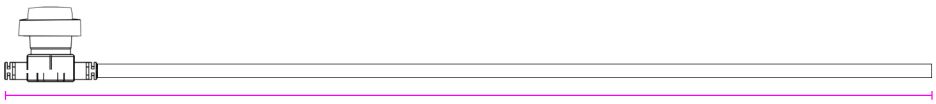
FIRFESV2CAB18I



FIRFESV2CAB24I



FIRFESV2CAB36I



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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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