



# LED FESTOON LIGHTS SPECIFICATION & INSTALLATION



# Beautiful. Safe. Reliable.

Designed in Australia with love by lighting designer Heath Williamson, Firefly Festoon lighting faithfully recreates a traditional look without the headache of constantly changing bulbs or the need to worry about broken glass or risk using high voltage. This will keep your workplace health & safety and insurance happy!

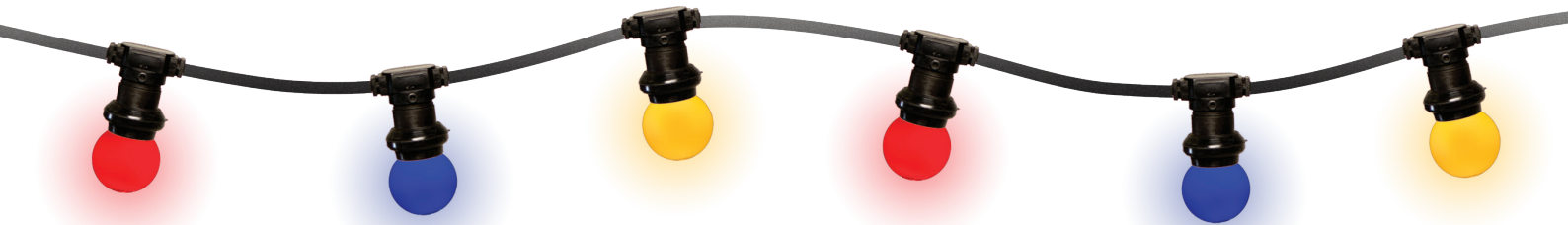
The Firefly LED Festoon light system runs off a safe 24volt AC or DC transformer using non-breakable bulbs that are inexpensive to run and virtually maintenance free.

Heath not only wants the lights to look like fantastic traditional bulbs, but also wants them to be a wonderful practical light source.

The warm white colour temperature produced makes food look delicious and Heath personally checks each batch of LED's before production ensuring both consistent and accurate colours.

The Firefly Festoon lighting system has a proven track record in the extreme conditions of Australia with its relentless sun, wild storms and even wilder music festivals.

Our festoons have been lighting up our famous beaches, top restaurants, night clubs, funky signage, bars, theme parks, TV sets and shopping malls. Even the Australian Navy use our lights to decorate their war ships.



## Cable

We sell the cable by the metre in various lamp spacing's of 20cm, 40cm, 50cm, 90cm and 1.5m (50cm is the most popular). Our self-leveling, heavy-duty cable is designed for permanent installations and the rigors of repeated hire use.

Each lamp holder is factory moulded with a weatherproof flange, protecting the lamps from even the most extreme weather conditions.

A support cable is only required when your cable run exceeds **7m / 23ft.**

To avoid voltage drop out, do not exceed more than 40m / 130ft in one continuous run. Do not run more than 10m / 30ft of feeder cable between transformer and start of light strings.

## Transformers

Our weatherproof IP rated transformers are available with a flex and plug,

240volt to 24volt DC Meanwell brand IP67 LED drivers with flex and plug available in 80, 150 & 240watts.



Indoor  
Use



Outdoor  
Use



UV  
Resistant



Extra Low  
Voltage



C-Tick  
n27064



Green  
Friendly



Designed in  
Australia



## FIREFLY 24VOLT AC/DC LED BULB RANGE



**WARM WHITE FILAMENT**  
Equivalent to 10w Clear  
Incandescent ES Fancy Round  
dimmed at 20% (Golden colour)

**CLEAR CAP**  
24VOLT AC/DC 0.5 WATT  
6 LED 2200 KELVIN  
21.1 LUMEN OUTPUT (LM)  
FLB-G45-6LED-24V-E27-CL-GWW



**WARM WHITE FILAMENT**  
Equivalent to 15w Clear  
Incandescent ES Fancy Round  
dimmed at 20% (Golden colour)

**CLEAR CAP**  
24VOLT AC/DC 1 WATT  
12 LED 2200 KELVIN  
39.8 LUMEN OUTPUT (LM)  
FLB-G45-12LED-24V-E27-CL-GWW



**WARM WHITE PEARL**  
Equivalent to 25w Incandescent  
Milky White ES Fancy Round  
dimmed at 20%

**MILKY PEARL CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 2030 KELVIN  
68.4 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-WP-WW



**COOL WHITE PEARL**  
Equivalent to 25w Incandescent  
(Cool White) Milky White  
ES Fancy Round

**MILKY PEARL CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 5664 KELVIN  
70.2 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-WP-CW



**RED G45**  
Equivalent to 40w Red  
Incandescent ES Fancy Round

**RED SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 150 KELVIN  
11.7 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-R



**BLUE G45**  
Equivalent to 40w Blue  
Incandescent ES Fancy Round

**BLUE SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 100000 KELVIN  
11.6 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-B



**YELLOW G45**  
Equivalent to 40w Yellow  
Incandescent ES Fancy Round

**YELLOW SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 1506 KELVIN  
17.9 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-Y



**GREEN G45**  
Equivalent to 40w Green  
Incandescent ES Fancy Round

**GREEN SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 8498 KELVIN  
53.3 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-G



**MAGENTA PINK G45**  
Equivalent to 40w Pink  
Incandescent ES Fancy Round

**PINK SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 150 KELVIN  
11.7 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-P



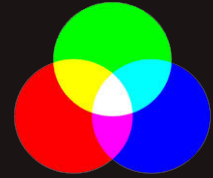
**ORANGE G45**  
Equivalent to 40w Orange  
Incandescent ES Fancy Round

**ORANGE SOLID COLOUR CAP**  
24VOLT AC/DC 1.5 WATT  
21 SMD LED 1500 KELVIN  
8.111 LUMEN OUTPUT (LM)  
FLB-G45-21SMD-24V-E27-SC-O



**GLITTER STROBE**  
Equivalent to a Zenon 'random'  
ES Strobe Bulb

**CLEAR CAP**  
24VOLT AC/DC 3 WATT  
LED 11000-20000 KELVIN  
1.5 LUMEN OUTPUT (LM)  
FLB-STROBE-1-5F-24V-E27-CW



**RGB OPTIONS AVAILABLE**



THIS LED LIGHTING SYSTEM IS 24 VOLT AC OR DC EXTRA LOW VOLTAGE USE ONLY! NEVER CONNECT LIGHT STRING OR BULBS DIRECTLY TO 240 VOLT MAINS POWER WITHOUT CORRECT 240 VOLT TO 24 VOLT AC OR DC TRANSFORMER.

ALL ELECTRICAL HARDWIRING WORK SHOULD BE DONE BY QUALIFIED ELECTRICAL PROFESSIONALS.

DO NOT SUBMERGE LIGHT STRING IN WATER, USE WATERPROOF CONNECTORS FOR ALL OUTDOOR APPLICATIONS.



FOR EXTRA SAFETY WE RECOMMEND INSTALLING A FUSE ON THE EXTRA LOW VOLT SIDE BETWEEN LIGHT STRING & TRANSFORMER TO PROTECT AGAINST SHORT CIRCUIT. DO NOT USE LIGHTING STRING IF DAMAGED: SUCH AS BROKEN GLOBE, LOOSE CONNECTORS OR FRAYED WIRE INSTALLATION. DO NOT INSTALL THIS LIGHT STRING WHERE EXPOSED BARE CABLE CAN BE SHORTED OR CONTACT ANY CONDUCTIVE MATERIAL TO REDUCE THE RISK OF FIRE. INSPECT PERIODICALLY.

DO NOT SECURE LIGHT STRING WITH NAILS, STAPLES OR LIKE MEANS THAT MIGHT DAMAGE THE WIRE INSTALLATION.



**Firefly**  
LIGHTING



## Ordering is easy

1 How many metres do you require?

2

Pick the type and colour bulbs you would like  
(See inside)

3

Pick spacing between lamps  
from 20, 40, 50, 90cm or 1.5 metres.

4

Select a transformer  
(See inside)



## Order here

Online

[www.fireflylighting.com.au](http://www.fireflylighting.com.au)

Email

[sales@fireflylighting.com.au](mailto:sales@fireflylighting.com.au)

Phone

07 3254 4333

The Firefly crew will be happy to answer any of your questions before ordering. We keep large stocks, so most orders are ready for dispatch within two business days.

CALL (07) 3254 4333 | [sales@fireflylighting.com.au](mailto:sales@fireflylighting.com.au)