LED MINI LIGHTS SETS
230v

Product Description

Well proven and hugely successful the LED Mini Light range is perfect for intensely brilliant seasonal and non seasonal tree display lighting.

Having exceptional low energy consumption and minimal maintenance this product is the ideal long-term professional solution to effective tree illumination.

Each LED lamp is encased in a silicon gel with a PVC membrane making them weather and damage resistant, the cable is dark green rubber sheathed and the product conforms to the latest EN standards. Colours available are Clear, Red, Green, Blue, Warm White.

Each string has 100 LED Mini Lights (if one lamp fails the others remain lit) at 10cm spacing and are interconnectable so strings can be extended. The 230V version is 9.2W per set and can be extended up to 40 sets.

How many Mini LED Lights will I need?

Minimum amount of 230V Mini LED lights required per tree (not including trunk, not colour change)

Tree Height (ft)	Number Of Mini LED Lights	
10	1000	(10 x 100 String)
15	1500	(15 x 100 String)
20	2000	(20 x 100 String)
25	3000	(30 x 100 String)
30	4000	(40 x 100 String)
40	5000	(50 x 100 String)

For maximum effect then increase above quantities by at least 50%

As an example a 30ft tree with 4000 230V Mini LED Lights consumes just 312W of power in comparison to a conventional tungsten filament mini lamp system consuming 2.2Kw (40 x 57W per set) of power.

Running costs per hour for the Mini LED lights at £0.07 per Kw Hr would be £0.021 per hour in comparison to £0.15.5 per hour!

Over a 500 hour illumination period the Mini LED running costs would be £10.05 against the conventional system of £77.50 thus gaining fantastic savings.

Add in life expectancy comparisons, lamp replacement costs and maintenance issues the cost benefits for Mini LED lights are amazing.
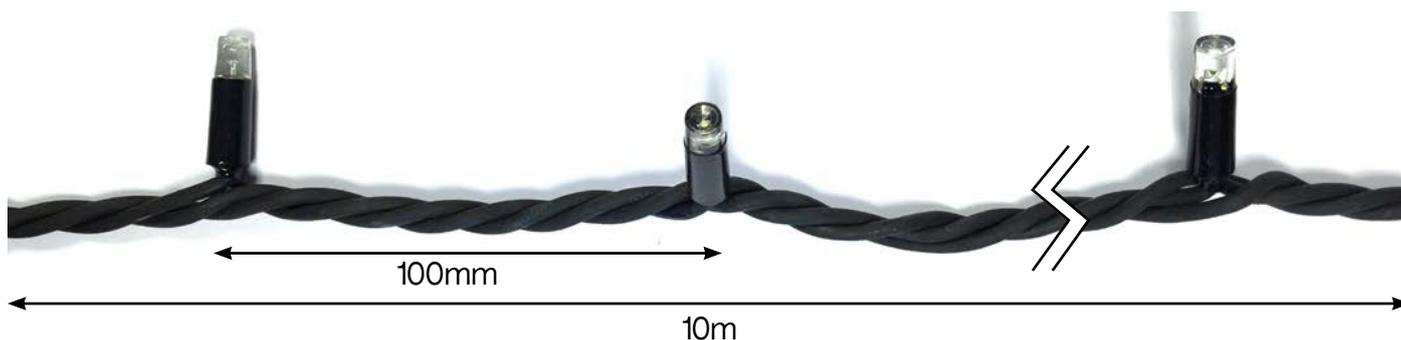
Colours Available

LED.FLR.R	LED.FLR.W	LED.FLR.WW	LED.FLR.G	LED.FLR.B

Product Specifications

Clear plastic with indent to protect and Disburse lights evenly

Encapsulated Low Voltage LED Lamp

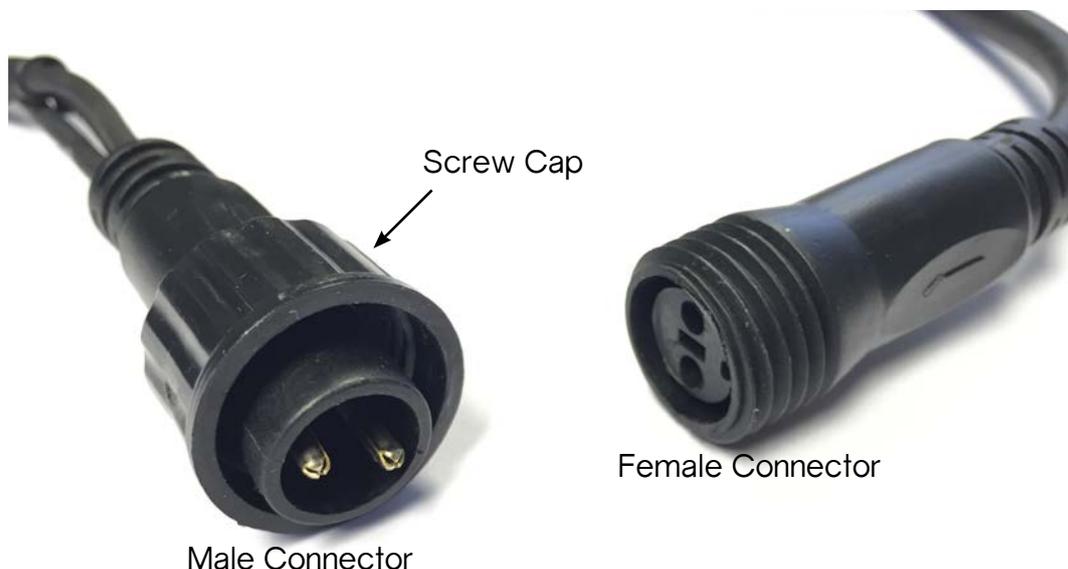Sealed plastic housing holding the two connectors

4 core 0.5mm rubber cable

- **Power Input:**
  230v

- **Watts:**
  9.2W per set.

- **Run Length:**
  10m length cable.
  Can be extended up to 40 sets.

- **Environment:**
  Weatherproof - IP44

- **LED Colours:**
  Cool white,
  Warm white,
  Red,
  Green
  Blue
  Multicolour

- **Guarantee:**
  1 year guarantee

- **LED Lamp:**
  Encased in a silicon gel with a PVC membrane for weather resistance.

- **Lamp Amount:**
  100 per set.

- **Cable Colour:**
  Rubber cable colours available in black, white, green, red, blue and transparent.

- **Maintenance:**
  Minimal.

- **Power Leads:**
  Sold Seperate.

- **Connectors:**
  Male & Female.
  Push in and screw closed.

- **Mounting:**
  Cable ties.

- **Weight:**
  1Kg per set.

- **Power Output:**
  230v DC

- **Standards:**
  EN Standards.

- **Light Output:**
  Contact factory or see lite-ltd.co.uk

- **Rectifier**
  Needed.

Dimensions

100mm

10m

Connectors

Screw Cap

Male Connector

Female Connector