

Design Light System



Design Light System - DL

Design Light is an innovative lighting system unlike any other currently on the market. The Design Light system is a series of light strings connected by a main feeder cable, when joined together produce a curtain of sparkling lights. Buildings and trees are instantly transformed and become dazzling eye-catching structures. Do not confuse Design Light with cheap festive light strings. It is a commercial grade lighting system designed with reliability and maintenance in mind. The Design Light system is easy to assemble. Each light string is attached to the main feeder cable using weatherproof connectors.

Unlike most tree lighting products, Design Light is the only one approved for year round use!

Feeder cables are extendable up to over 1400 lamps. Design Light was designed for durability: every connector is constructed using high strength PVC plastics. Highly reliable pin-and-socket contacts are used which are further protected by a gasketed, threaded connector housing. Sub-miniature lamps last more than 5 times regular decorative bulbs. The flexible feeder cable contains two separate circuits allowing the light strings to flash in a variety of alternating and sequenced patterns when used

with an available 2 channel controller.

Mechanical Properties

Construction: UV Resistant PVC

Feeder Cable: Extendable 6ft length

24 sockets 3" socket spacing
Light Strings: Not Extendable
3" lamp spacing

Electrical Properties

Load Voltage: 120V

Max Current: 10A

Wiring: Exterior installs must connect to fused, outdoor rated receptacle.

Feeder Cable: Max 10A

Light Strings:

5ft 19 lamps - 0.05A

10ft 37 lamps - 0.1A

15ft 60 lamps - 0.16A

All electrical connections must be made in accordance with electrical codes. Individual circuits should be fuse protected.

Environmental Specifications

Location:

Indoor, Outdoor or Wet location

Operating Temp: -10° - 40°C

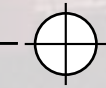
Min Install Temp: 0°C

Maximum Humidity: 100%

Mounting

Trees:

Use tie-wraps to fix feeder cord to tree trunk. Wrap branches with light strings and hold in place with tie wraps. Do not cinch tie-wraps tight to allow for tree growth.



Curtains:

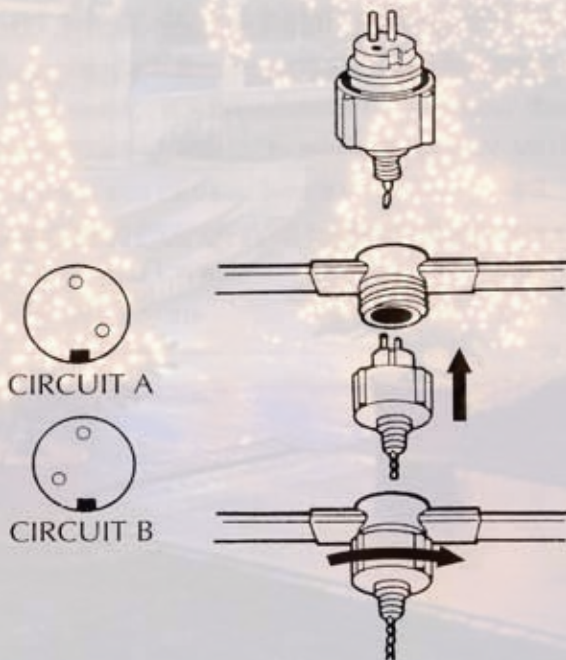
Affix feeder cord to surface with tie wraps, "Lumex" clips or adhesives and attach light strings as required.

Specification guidelines

Place socket caps over unused sockets and cover end with end cap.

Part #

- DL-FC - Feeder Cable
- DL-PC - Power Cord
- DL-EC - End Cap
- DL-ST-1.5 - 5ft(1.5m) Light String
- DL-ST-3 - 10ft(3m) Light String
- DL-ST-5 - 15ft(5m) Light String



- DL-SC - Socket Caps
- DL-EXT - 6ft Extension Cable
- DL-NLC-223-JL - 2 Channel Controller

