



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## **EL Wire - purple**

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**SKU:DFR0185-P**

### **INTRODUCTION**

Electroluminescent wire, otherwise known as EL Wire, is a thin phosphor coated wire in a tube that lights up when you apply a high AC voltage to it. EL Wire typically needs anywhere between 20Vac to 220Vac, at a very low current. We have 10 different colors of EL Wire to choose from.

### **APPLICATIONS**

- Indoor and outdoor advertisement, picture and logo, shop window, door, furniture, wall, roof, etc.
- Car, boat and other vehicles decoration: inside and outside decoration, number display.
- Safety sign and guidance: stair, passage, doorplate, temporary marks.
- Toy, art and handcraft, sport article, garment, electrical appliance

## SPECIFICATION

- Operating Voltage Range : 20~220V
- Optimum operating voltage : 120V
- Frequency range: 50-5000Hz
- Optimum working frequency :1500-2000Hz
- Direct capacitance : 6nf/m (20°C, RH< 80%)
- Glow Brightness : Voltage : 120V, Frequency : 200Hz~2000Hz : 30cd/m<sup>2</sup>~126 cd/m<sup>2</sup>
- Consumed Power : Voltage : 120V, Frequency : 200Hz~2000Hz : 108mw/m~1032mw/m
- Working Life : Voltage : 100V, Frequency : 400Hz, Normal Temperature and Humidity, Around 5000Hrs
- Continous Working Temperature/Relative Humidity : -10°C~+60°C ; RH< 90%
- Storage Temperature/ Relative Humidity : -10°C~+60°C ; RH< 65%
- Diameter: 3mm(0.12")
- Length: 3 meters(118")
- Colour:purple

## SHIPPING LIST

- 3 meters(118") EL Wire x1