

superbrightleds.com PLC-F Series Low Voltage LED Landscape Path Light



# superbrightleds.com PLC-F Series Low Voltage LED Landscape Path Light User Manual

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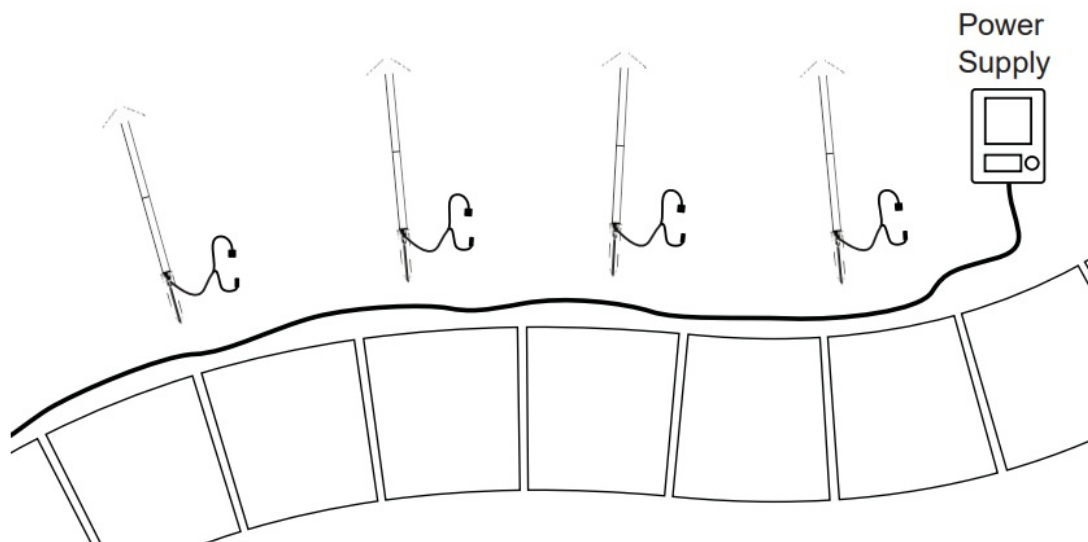
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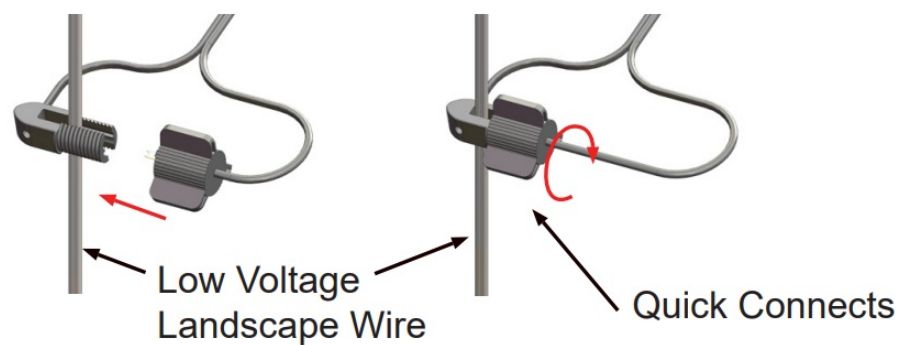


## Installation Instructions

1. Lay fixtures out as they will be installed.
2. Run landscape wire (WP14-2DB or WP12-2DB available at [superbrightleds.com](http://superbrightleds.com)) from 12V supply past each light. The wire must be within 8" of the mounting stake to allow power connections to be made.



3. Use quick connects supplied with each fixture to connect each light to the landscape wire.



4. Using a small shovel and/or water, loosen the ground where the fixture will be installed. Press the stake into the ground.  
**Note:** Do not use a hammer or exert excessive force on the fixture while installing as this may cause damage.  
**Note:** DO NOT force the stake using the fixture as a grip. Push from stake only.
5. Turn on the 12V supply and ensure all fixtures are working. If one or more individual fixtures are not working, check each connection to the landscape wire. If none come on, check the connection to the 12V supply. It is recommended to wrap all connections in electrical or self-fusing tape (available at [superbrightleds.com](http://superbrightleds.com)).
6. Bury landscape wire, fixture pigtails, and connectors. A depth of 3" is recommended. Wires and connectors can also be covered by mulch or stone.

### Safety and Notes

- For use with OUTDOOR, low-voltage landscape lighting systems ONLY.
- NOT FOR USE with submersible or pool/spa equipment.
- Do not submerge in water, the product can be damaged.
- This light fixture is only suitable for a 12~15 Volt AC or DC power supply.
- Do not exceed 80% of the power supply max output.
- Use landscape wire: SBL Product #: WP14-2DB or WP12-2DB
- This light uses a G4 bulb, which is not included.

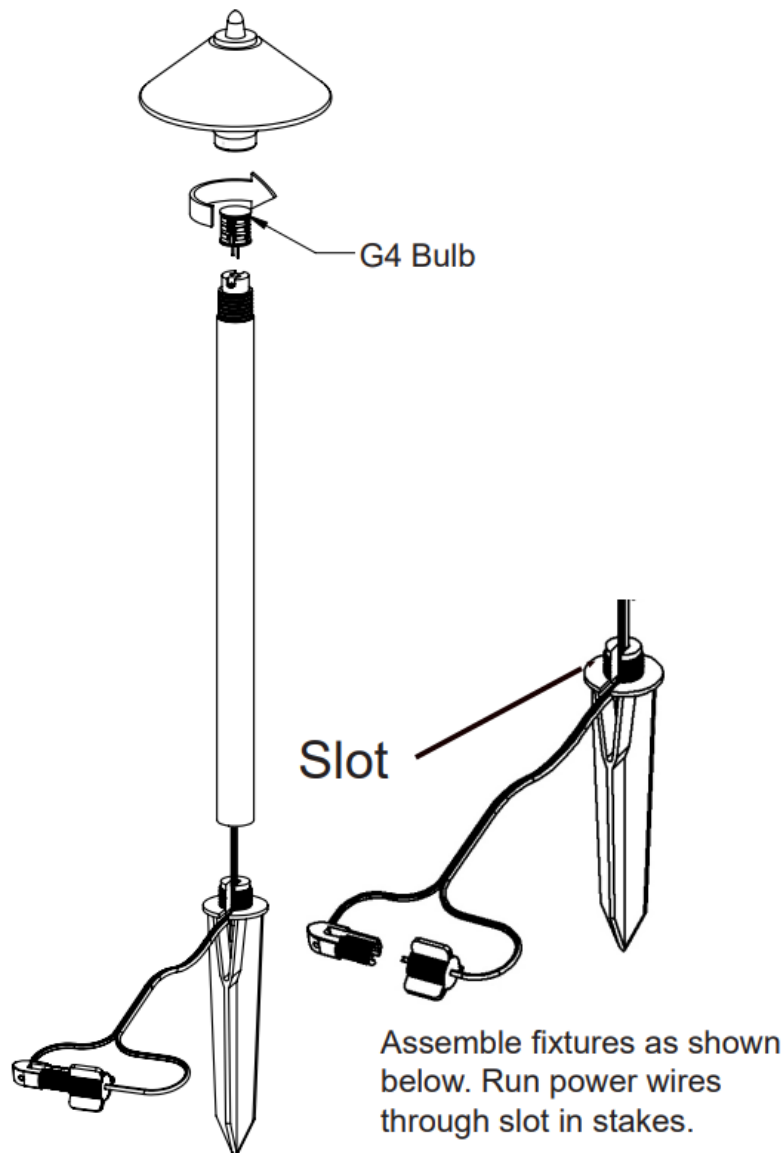
### Recommended Accessories

SBL Part No.	Description
*WWN-2212	Silicone Filled Wire nut
SFT-20	Self Fusing Silicone Tape
WP14-2DB	14 Gauge Landscape Wire
WP12-2DB	12 Gauge Landscape Wire

### Note

Cutting quick connects will not void the warranty. Product exchange only.

## Assembly



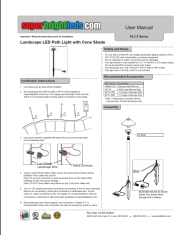
## Troubleshooting

Problem	Possible Cause	Solution
Fixture does not light	<ol style="list-style-type: none"><li>1. There is no power to 12V power supply.</li><li>2. The quick connector does not make contact with wires.</li><li>3. The primary landscape wire is not connected to 12V power supply.</li><li>4. There is a disconnection in primary landscape wire.</li><li>5. Minimum load not exceeded.</li></ol>	<ol style="list-style-type: none"><li>1. Check the outlet to 12V power supply and ensure that a breaker or GFCI circuit has not been tripped.</li><li>2. Check the wiring of quick connector that it is screwed tightly, piercing through wire insulation to make solid contact with wire conductors.</li><li>3. Check primary landscape wire connection to 12V power supply.</li><li>4. Follow wires from fixture to 12V power supply to ensure a continuous run and/or follow wires between problematic fixture and working fixture.</li><li>5. Ensure that your power supply does not have a minimum load requirement. Consult the power supply specifications or manual.</li></ol>
Light flickers (one fixture)	<ol style="list-style-type: none"><li>1. There is a loose connection with quick connect on primary landscape wire.</li></ol>	<ol style="list-style-type: none"><li>1. Tighten quick connects, and ensure contacts are piercing through wire insulation to make solid contact with wire conductors.</li></ol>
Light flickers (all fixtures)	<ol style="list-style-type: none"><li>1. There is a loose connection to 12V power supply.</li><li>2. Minimum load not exceeded.</li></ol>	<ol style="list-style-type: none"><li>1. Disconnect power to 12V power supply and ensure primary landscape wire connections are securely fastened and not in contact with other wire.</li><li>2. Ensure that your power supply does not have a minimum load requirement. Consult the power supply specifications or manual.</li></ol>
Light is dim	<ol style="list-style-type: none"><li>1. Maximum load of 12V power supply has been exceeded.</li><li>2. Recommended distance per landscape wire gauge exceeded.</li></ol>	<ol style="list-style-type: none"><li>1. Check for other lights or other load on same system and/or increase 12V power supply wattage.</li><li>2. Increase primary landscape wire gauge size to recommended guidelines.</li></ol> <p>* For <a href="http://superbrightleds.com">superbrightleds.com</a> technical help call 866-590-3533</p>


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## Documents / Resources

	<a href="#">superbrightleds.com PLC-F Series Low Voltage LED Landscape Path Light</a> [pdf] User Manual PLC-F Series, PLC-F Series Low Voltage LED Landscape Path Light, Low Voltage LED Landscape Path Light, Voltage LED Landscape Path Light, LED Landscape Path Light, Landscape Path Light, Path Light, Light
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## References

-  [LED Lighting For Everything | Super Bright LEDs](#)
-  [LED Lighting For Everything | Super Bright LEDs](#)
- [User Manual](#)

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