



### PRE-INSTALLATION INFORMATION

<b>Estimated Time</b>	15 minutes
<b>Tools Needed</b>	Adjustable Wrench
<b>In the Box</b>	(x1) Model 230 Signal Light
<b>Wire Functions</b>	Black = Ground Red = Brake (High) Yellow = Tail (Low)
<b>Input Voltage</b>	12V DC or 24V DC

### Regulatory Compliance



### Pre-Installation Guidelines

1. Read all safety notes and mounting guidelines before installing the product. Verify that all parts listed under "In the Box" are present and complete.
2. Inspect the product for damage. **DO NOT** install the product if there is any damage. Contact the authorized retailer where you purchased it to initiate a warranty claim if there is damage.
3. Verify that all power supply and/or charging systems comply to the specified voltage limits for the light.

### PRODUCT WARRANTY:

**If you have issues with a J.W. Speaker product, please contact the authorized retailer where you purchased it.**

### Installation Instructions

1. Turn off the equipment and disconnect the power supply.
2. Ensure that the mounting location is a FLAT, SOLID surface of the same (or larger) size as the bracket or light. This will prevent warping or distortion that can cause cracking or damage to the light and/or bracket.
3. Check condition of all wires, connectors, mating connectors, or gaskets. All connections should be adequately protected against moisture. Shrink tubing is recommended.
4. Carefully connect the wires or connector using the "Wire Functions" and "Voltage" information above. With connectors, push firmly to ensure that it is properly mated with the lamp, creating a seal to protect against water ingress.
5. Lay and secure the wiring so that no pulling or abrasion can occur. Proper installation requires there to be a little slack near the lamp to avoid pulling on the connector (which can create a path for water ingress). Wires should be adequately secured to avoid damage.
6. Secure it to the mounting surface then aim the light (if applicable).
7. Periodically check the light to make sure that it is working properly and is securely attached.