

# Clark • Reliance Flat Glass Illuminator Installation Instructions

## Wiring instructions for the Standard and Vertical Clark • Reliance Flat Glass Gage Illuminators (for FG900 and FG1500 Series Gages).

Note: Make sure that the power is turned off to the supply wiring **before** connecting the illuminator.

Tools needed:

– Slotted Screwdriver

1. Open the illuminator housing by loosening the thumb screw (A) in the side of the unit that secures the door assembly in place.

2. Carefully open the door and remove the 150W clear lamp (B) from the inside of the illuminator housing and set aside.

3. Remove the two brass screws (C) from the bottom of the illuminator which hold the lamp socket/conduit connector assembly in place.

4. Take the lamp socket/conduit connector assembly (D) from the illuminator housing and set the housing aside.

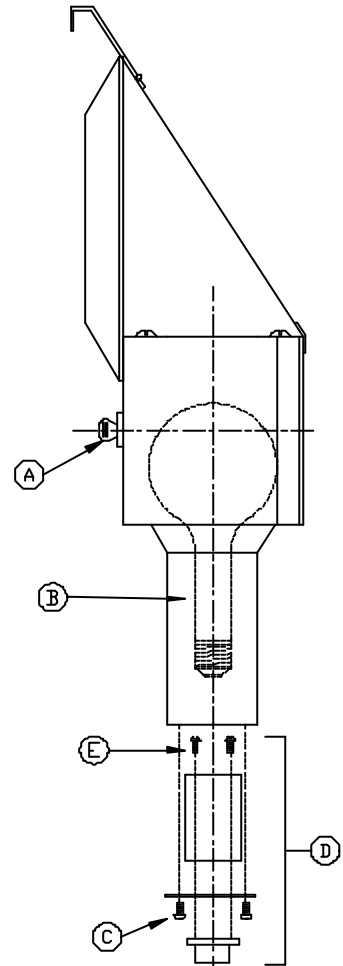
5. Disassemble the lamp socket/conduit connection assembly by removing the two screws (E) from *inside* of the lamp socket. (Note that there are two small washers on the assembly screws. Do not lose these washers as they are needed for re-assembling the illuminator.)

6. Slide the conduit connector and mounting plate over the power supply wires for re-assembly.

7. Connect the *black* wire to the ‘gold’ screw terminal on the bottom of the lamp socket.

8. Connect the *white* wire to the ‘silver’ screw terminal on the bottom of the lamp socket.

9. Re-assemble the lamp socket/conduit connector assembly using the same two screws with washers inside of the lamp socket. Make sure that the mounting plate is centered on the lamp socket/conduit connector assembly.



10. Place the lamp socket/conduit connector assembly back into the bottom of the illuminator housing and fasten with the two brass screws.

11. Carefully screw the lamp into the socket and close the illuminator door. Secure by tightening the thumb screw on the side of the housing.

12. Wire the illuminator to the 120 V.\* power supply. (\*Unless lamp is for 230 V. service)

**The Clark • Reliance Corp.**  
**1663 Foltz Industrial Parkway**  
**Strongsville, Ohio 44136**  
**Phone 216-572-1500**  
**Fax 216-238-8828**



## Notice to Plant Operators

The use of non-Original Equipment Manufacturer parts (such as glass, gaskets, probes, modules, etc.) will void the Agency Approval (FM, UL, CSA, CRN, ABS, etc.), pressure/temperature rating, and warranty of this equipment. Clark-Reliance requires the use of OEM parts for all repairs on this product in order to maintain plant and personnel safety, and reliable operation.

**"PARTS-PLUS"**  
Critical spare parts for overnight  
delivery, direct from the manufacturer.

[clark-reliance.com/parts](http://clark-reliance.com/parts)



Steel Valve Repair Kit



Replacement Probes



Gage Glass Repair Kit



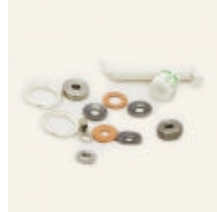
Simpliport Module



Simpliport Packing Nut



Replacement Relays



Probe Repair Kit



Replacement EA100 Ass'y



Replacement Micro-switch



Bronze Valve Repair Kit



Valve Packing



Replacement Floats

16633 Foltz Parkway Strongsville, OH 44149 USA  
Phone (440) 572-1500 Fax (440) 238-8828  
sales@clark-reliance.com www.clark-reliance.com