

## **SUGGESTED GATE ARM LIGHT INSTALLATION**

This suggested gate arm light installation sheet does not supersede any established policies, and is intended to be utilized as an installation guide for your 'Three Pack Kit' (GALU-B3 with lamp or GALU-GS-3 with LED) or 'Six Pack Kit' (GALU-B6 with lamp or GALU-GS-6 with LED). Please note that the lamp or LED is already installed in the light. GEMS® has allotted associated mounting hardware for both the light unit and kits.

### **EQUIPMENT:**

3 ea or 6 ea GALU-B1 or GALU-GS-1 Lights

Per ea Light (encased behind lens wire assy cover):

- 2 ea wire nuts for electrical connecting
- 4 ea hex head screws to mount light to the arm
- 4 ea (#8 x 3/4) Phillips oval head screws for the lens wire assy cover

Three Pack Kit or [Six Pack Kit] supplemental hardware and tools:

- 10 [20] ea (#8 x 3/4) hex head screws
- 1 ea screwdriver bit (self drilling and trapping with hex head)
- 2 [4] ea grommet sealing plugs
- 10 [20] ea wire nuts
- 10 [20] ea plastic wire clamps (5/16 inch)
- 10 [20] ea plastic wire ties (5 inch)

### **PROCEDURE:**

- 1) Position the Gate Arm Light at the desire location.
- 2) Insert one hex head screw through the top mounting hole and one through the bottom hole into the Gate Arm. Use a hex head screwdriver or a power screwdriver with a clutch.
- 3) Install two optional hex head screws through the holes inside the wire junction box into the Gate Arm for more secure mounting.
- 4) Insert the electrical cable through the rubber grommet with the junction box open.
- 5) Fasten the cable to the Gate Arm unit with wire nuts. Use the standard process of stripping the cable wire 1/4 inch as required. GEMS lamp wires are already stripped.
- 6) Install the wire nuts per standard practices.
- 7) Replace the junction box cover and install 4 Phillips oval head screws.
- 8) Secure the cable to the Gate Arm according to standard practices. NOTE: A Gate Arm Light used on the tip has only one cable entering the junction box.
- 9) Plug grommet holes with grommet sealing plugs to seal out moisture.
- 10) Test lighting network to assure it is properly operating.