

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.