Photoluminescent Exit Sign System Installation Instructions

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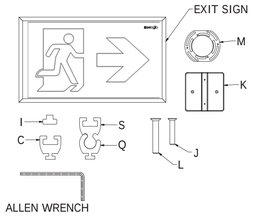
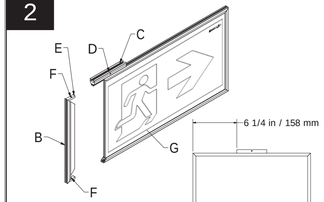
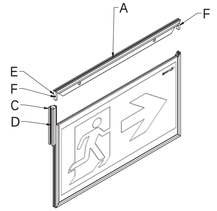


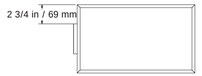
Parts List

Exit sign (single sided) - 1
Standard adaptor (C) - 1
T Bracket (I) - 1
Universal mounting bracket (M) - 1
Canopy (Cover Plate) (K) - 1
Sloped Ceiling Adaptor (S)(Q) - 1
#6-32 x .75 inch machine screws (J) – 2
#8-32 x 1 inch machine screws (L) - 2
Allen wrench - 1

2







Sign Reconfiguration

1, If configurating for ceiling mounting, loosen the set screws (F) at the top and bottom corner connectors (E) on one side of the exit sign. 2. Pull on the vertical frame (B) and the corner connectors to remove them from the rest of the exit sign. 3. If configurating for edge mounting,loosen the set screws (F) on the top corner connectors (E) of the exit sign. 4. Pull on the vertical frame (A) and the corner connectors to remove them from the rest of the exit sign. 5. Loosen the set screw (D) inside the standard adaptor (C) and then slide the standard adaptor (C) into the horizontal frame (A) for ceiling mounting or into the vertical frame (B) for edge mounting and tighten the set screw (D) to secure it. 6, If exchanging the photoluminescent sign (G), slide the signs in and out of the open side of the exit sign after completing steps 1 and 2 outlined above. 7, Reverse steps 1, 2 or 3 and 4 to reassemble the exit sign.

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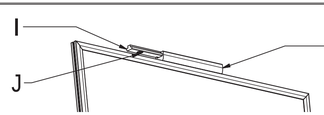

Ceiling mounted (directly to ceiling or suspended ceiling T bar) / Edge mounted (directly to wall at 90 degree angle)

1. Position the standard adaptor on top of the exit sign for ceiling mounting or on one side of the exit sign for edge mounting (see Sign Reconfiguration Diagram 2). 2. Attach T-bracket (I) to ceiling or T bar or wall using two #6 screws and wall plugs if appropriate (not supplied). 3. Using the supplied Allen wrench back off the set screw on the face of the standard adaptor (C) and slide the standard adaptor (C) together with the exit sign already attached over T-bracket (I). 4. Tighten the set screw loosened in step 2 to secure the exit sign on to the T-bracket (I).

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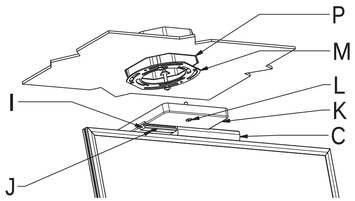

Retrofit ceiling mounted (over existing octagon box) / Retrofit edge mounted (over existing octagon box wall at 90 degree angle)

1. Position the standard adaptor on top of the exit sign for ceiling mounting or on one side of the exit sign for edge mounting (see Sign Reconfiguration Diagram 2). 2. Attach the universal mounting plate (M) to the octagon box (P). 3. Attach the T-bracket (I) to canopy (K) using the supplied #6-32 x .75 inch machine screws (J). 4. Attach the canopy/T-bracket assembly to the universal mounting plate using #8-32 x 1 inch machine screws (L). 5. Using the supplied Allen wrench back off the set screw on the face of the standard adaptor (C) and slide the standard adaptor (C) together with the exit sign already attached the over T-bracket (I). 6. Tighten the set screw loosened in step 2 to secure the exit sign on to the T-bracket (I).

NOTE: When replacing or removing an electrically-powered exit sign the power must be terminated at the source not in the wall cavity before installing the Ecoglo Exit Sign. Check with the local electrical code requirements first before installation.

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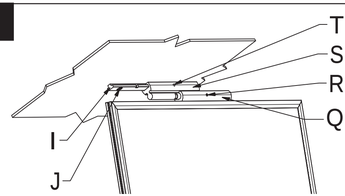

Sloped ceiling mounted

1. Exchange the standard adaptor (C) with the lower half of the sloped ceiling adaptor (Q). 2. Attach T-bracket (I) to ceiling using two #6 screws and wall plugs if appropriate (not supplied). 3. Using the supplied Allen wrench back off the set screw (T) on the face of the upper half of the sloped ceiling adaptor (S) and slide it over T-bracket (I) installed during step 2. 4. Tighten the set screw (T) loosened in step 3 to secure the upper half of the sloped ceiling adaptor (S) on to the T-bracket (I). 5. Back off the set screw (R) on the face of the lower half of the sloped ceiling adaptor (Q) and slide it together with the exit sign already attached over upper half of the sloped ceiling adaptor (S) installed in step 3. 6. Tighten the set screw (R) loosened in step 5 to secure the exit sign on to the upper half of the sloped ceiling adaptor (S)/T-bracket (I).

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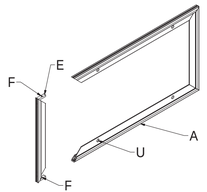

Surface mounted

1. Remove the standard adaptor and the sign from the exit sign (refer to Diagram 2). 2. With the sign removed attach the exit sign frame to the wall using # 8 countersunk screws (not supplied) through the 4 holes (U) located along the horizontal frame members (A). 3. Replace the sign into the frame and tighten the set screws (F) in the corner connectors (E).

IMPORTANT.
READ AND FOLLOW ALL SAFETY INSTRUCTIONS
CAUTION: EXTERNAL ILLUMINATION SOURCE REQUIRED

Instructions for installation and maintenance of Ecoglo photoluminescent exit signs.

- External illumination source must be reliable and supplied by a circuit not controlled by automatic timers or sensors and whose controls are accessible only to authorized personnel.
- External illumination source is to be energized at all times during building occupancy.
- Lighting levels on the sign face(s) should be confirmed after any change in external lighting types or levels.
- It is recommended that periodic visibility tests be performed in accordance with all applicable codes.
- Install this sign indoors only, where not exposed to direct sunlight, liquid spray or temperatures outside the range of +10° to 40° C.

Maintenance

Perform inspections of the exit sign on at least a monthly basis, or as the local code demands, to confirm that the charging light is still operating and that no damage that affects legibility of the sign has occurred.

Cleaning of the sign face(s) with a damp cloth is recommended during monthly inspections.

Any damage to the sign or concerns about performance should be brought to the attention of Ecoglo, or the representative from whom the sign was purchased.

The Ecoglo photoluminescent exit sign is designed to operate automatically. The charging light source must illuminate the face(s) of the sign with at least 5 foot-candles (54 lux) of unfiltered fluorescent light at all times during building occupancy to ensure that the sign will remain legible for at least 120 minutes from a distance of 50 feet during an emergency.

CAUTION: MINIMUM 5 FOOT-CANDLE (54 LUX) OF EXTERNAL UNFILTERED FLUORESCENT ILLUMINATION MUST BE PRESENT ON THE SIGN FACE AT ALL TIMES DURING BUILDING OCCUPANCY.

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Installation

Installation location(s) and exit sign type (single or double face) must be determined by local building codes and/or the Authority Having Jurisdiction (AHJ).

Installation of the Ecoglo photoluminescent exit sign requires a minimum of 5 foot-candles (54 lux) of external fluorescent light to illuminate the face(s) of the sign at all times of building occupancy.

Installation of the Ecoglo photoluminescent exit sign is intended for interior locations.

NOTICE – Max Operating Time 120 Minutes

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www.ecoglo.ca

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