

When all the lights are out ...

2531 W 237th St #101, Torrance, CA 90505 Tel. 310-891-0924 info@americanpermalight.com



**Installation Instructions
for PERMALIGHT® UL924-listed Photoluminescent EXIT Signs
listed by Underwriters Laboratories Inc**

PERMALIGHT® photoluminescent EXIT signs successfully passed the stringent requirements of UL-924 for 'Emergency Lighting and Power Equipment'

>>>>> **Save these Instructions!** <<<<<

Activation: minimum 5 foot candles (54 lux) of LED, fluorescent, metal halide or mercury vapor lighting for 60 minutes

CAUTION: EXTERNAL ILLUMINATION SOURCE REQUIRED

Minimum 5 foot-candles (54 Lux) of LED, Fluorescent, Metal Halide or Mercury Vapor Lighting on the Sign Face at all Times of Building Occupancy.

- Install PERMALIGHT® photoluminescent EXIT signs only in locations, where an external illumination source is present, is deemed reliable and is supplied by a circuit not controlled by automatic timers or sensors, and whose controls are accessible only to authorized personnel. This reliable external illumination source is to be energized at all times during building occupancy!
- Should any changes in your external lighting types or lighting levels occur, make sure that the PERMALIGHT® photoluminescent EXIT sign is still being illuminated with minimum 5 foot candles (54 lux) of LED, fluorescent, metal halide or mercury vapor lighting.
- Periodically clean the PERMALIGHT® photoluminescent EXIT sign face with a damp cloth. Do not use any thinners or solvents on the sign face.
- Check with your applicable installation codes (such as NFPA 101 – Life Safety Code) to perform periodic visibility tests.
- PERMALIGHT® photoluminescent EXIT signs are intended for INDOOR use only. Do not expose to direct sunlight, liquid spray, or temperatures outside the range 10°C - 40°C (50°-104°F).
- The sign should be charged for minimum 60 minutes to obtain full operation conditions.
- The sign should be mounted in a manner that ensures rigidity and mechanical sufficiency.

Viewing Distance: 100 foot viewing distance

Item-Numbers:

600LED-GREEN	single-sided GREEN housing
600LED-GREEN-DB	double-sided GREEN housing
600LED-RED	single-sided RED housing
600LED-RED-DB	double-sided RED housing

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Mounting

Mounting of the sign can be made in the following ways:

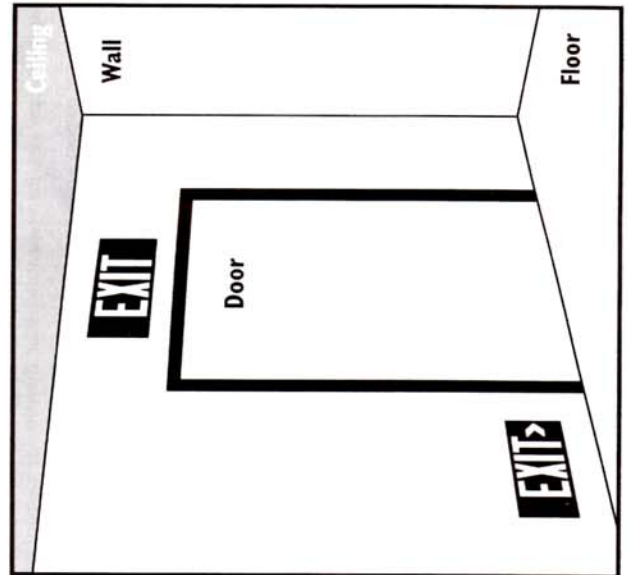
- A. On a wall - Single face only.
- B. Projecting from a wall - Single face or double face.
- C. Projecting from a ceiling - Single face or double face.

Note 1: When installing into drywall or concrete block, use expansion sets to ensure a firm grip.
Note 2: It is prudent to confirm that the mounting bracket (6) location on the wall or ceiling is appropriate (i.e. provides adequate clearances between assembled exit sign and other objects, such as walls, ceiling, or swinging doors) by holding the assembled exit sign in the mounting bracket (6) and holding the bracket in the desired location on the wall or ceiling. All clearances should then be confirmed as acceptable prior to the mounting bracket being fixed to the wall or ceiling.
Note 3: After installation is complete, the visibility of the sign from all potential viewing angles and distances should be confirmed.

Mounting Position A:

Instructions:

- A-1: Mark pilot hole locations on wall using *mounting holes* in the back plate (4).
- A-2: Drill *pilot holes* in wall surface.
- A-3: Level and mount back plate to wall using mounting hardware (4).
- A-4: Insert frame screws (4) through *mounting holes* into *pilot holes* in wall and tighten.
- A-5: Snap exit face plate to back plate.
- A-6: Attach plastic filler strips (top and sides).
- A-7: Apply right and/or left chevrons (arrows) to face of sign.

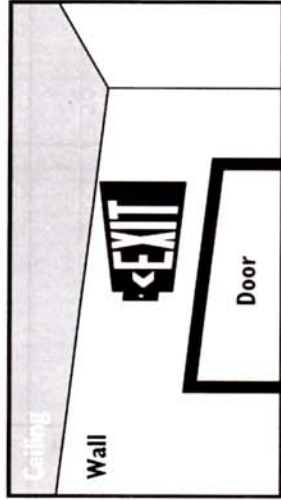


Sketch A

Mounting Position B:

Instructions:

- B-1: Mark pilot hole locations on wall using *mounting holes* in mounting bracket (2).
- B-2: Drill *pilot holes* in wall surface.
- B-3: Level and mount bracket to wall using mounting hardware (2).
- B-4: Snap exit face plate to back plate.
- B-5: Attach side of exit sign into mounting bracket
- B-6: Attach plastic filler strips (top and side).
- B-7: Apply right and/or left chevrons (arrows) to face of sign.

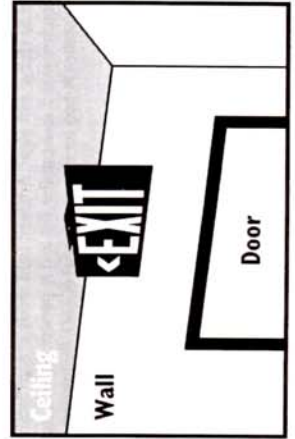


Sketch B

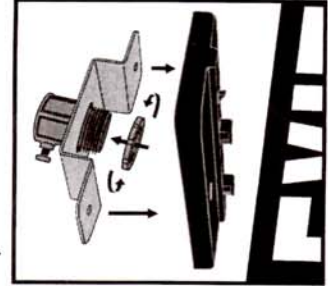
Mounting Position C:

Instructions:

- C-1: Mark pilot hole locations on ceiling using *mounting holes* in mounting bracket (2).
- C-2: Drill *pilot holes* in ceiling surface.
- C-3: Level and mount bracket to wall using mounting hardware (2).
- C-4: Snap exit face plate to back plate.
- C-5: Attach top of exit sign into mounting bracket
- C-6: Attach plastic filler strips (sides).
- C-7: Apply right and/or left chevrons (arrows) to face of sign.



Sketch C



Sketch C (optional conduit mount)