

Ecoglo Photoluminescent Egress System Operating Instructions

FACILITY NAME:

FACILITY LOCATION:

OPERATIONS MANAGER:

The Ecoglo egress system is illuminated by natural or artificial light sources. The performance of the photoluminescent components depends upon the amount of light and the time of exposure to that light.

Based on the type of lights in the facility (ref CHARGING SOURCE TYPE) and the brightness of those lights (ref MINIMUM ILLUMINANCE) Ecoglo will supply the time (ref CHARGING DURATION) that the lights must be left on to charge the photoluminescent components prior to a performance.

Operating Specifications

CHARGING SOURCE TYPE:

Type of light to act as activation source, eg metal halide, fluorescent light, incandescent light, natural light

MINIMUM ILLUMINANCE AT PL MATERIAL:

Minimum illuminance, measured in lux, on the photoluminescent material.

DURATION OF VISIBILITY OF PL MATERIAL REQUIRED

Length of time in darkness

CHARGING DURATION:

Length of time that the charging light source must illuminate the PL material.

Cleaning

Regular cleaning to remove built up dirt and objects on the strips will ensure the Contrast Strips will continue performing to expectation. Note that the photoluminescence will continue performing even after UV exposure or exposure to moisture. The only reason for degradation in the performance of the photoluminescence is a lack of correct cleaning.

1. Vacuuming or brushing with a stiff bristle head (dry or wet) is often enough to keep the strips clean. The glowing strip can also be wiped clean with a (dry or wet) sponge or cloth. Observation will determine if cleaning is required however a regular clean every 4 to 6 weeks or after particularly heavy use should ensure correct performance.
2. High-pressure water (but not steam cleaning) can also be used to clean the strips.
3. Do not use highly alkaline or acidic cleaning agents. The pH of the cleaning agents should be between pH 5 and pH 12. If cleaning agents are applied at more than pH 10, the strips should be rinsed with pH neutral (pH 6 to pH 8) solution afterwards.

Maintenance

Ecoglo products should be checked annually to ensure the following:

- All products are still in place as at installation and there is no material damage to any of these products
- All products are clean from general dust build up and any other specific obscuring deposits eg gum
- All products are clearly visible and have not been covered up by carpet or other materials
- If used for Emergency egress escape path marking all products must mark a clear path and must not be obstructed by physical hazards such as trolleys, machinery etc.
- If products are used for Emergency egress escape path marking there must have been no change to the configuration of the facility which renders them unusable.
- All lights required to charge Ecoglo products are operating as designed at installation