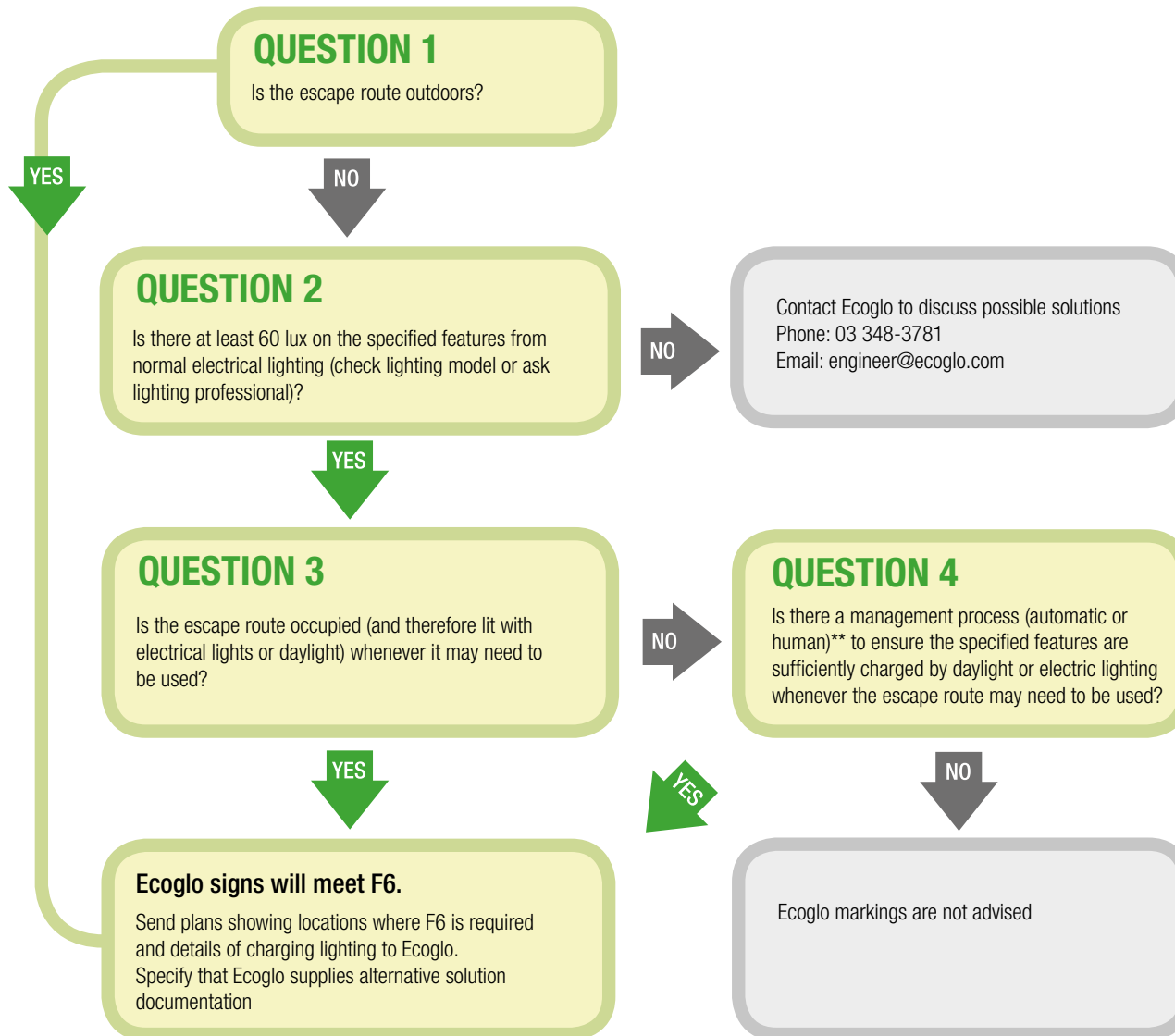


# F6 Alternative Solution Flowchart

Risk Group B Buildings\*

## How to check if Ecoglo photoluminescent markings will meet F6 with an alternative solution

F6 requires 'specified features' to be made visible. Specified features include: Stairs and ramps, escape doors, handrails, changes in direction and obstructions. See the most recent Technical Justification for Ecoglo Markings document at [www.ecoglo.co.nz](http://www.ecoglo.co.nz) for more details.



\* NZBC F6 definition for Risk Group B: a building with an evacuation time between 30 minutes and 90 minutes, an occupant load over 1000 and whose occupants are not required to remain in the building during an emergency.

### \*\* Effective management processes include:

1. Light directly or indirectly from windows and skylights is >20 lux and the escape route will not be used later than 2.5 hours after sunset.
2. Lights will be switched on automatically by the building's security system whenever the building is able to be occupied.
3. Lights will be switched on manually by people occupying a space that may need to use the escape route: Warning signs will be placed by the light switches.
4. Smart sensors will allow the light levels to reduce to 10 lux while the space is unoccupied.
5. Circuits link lighting so that when lights are switched on in an occupied space all markings in all escape paths from the occupied space are lit.

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