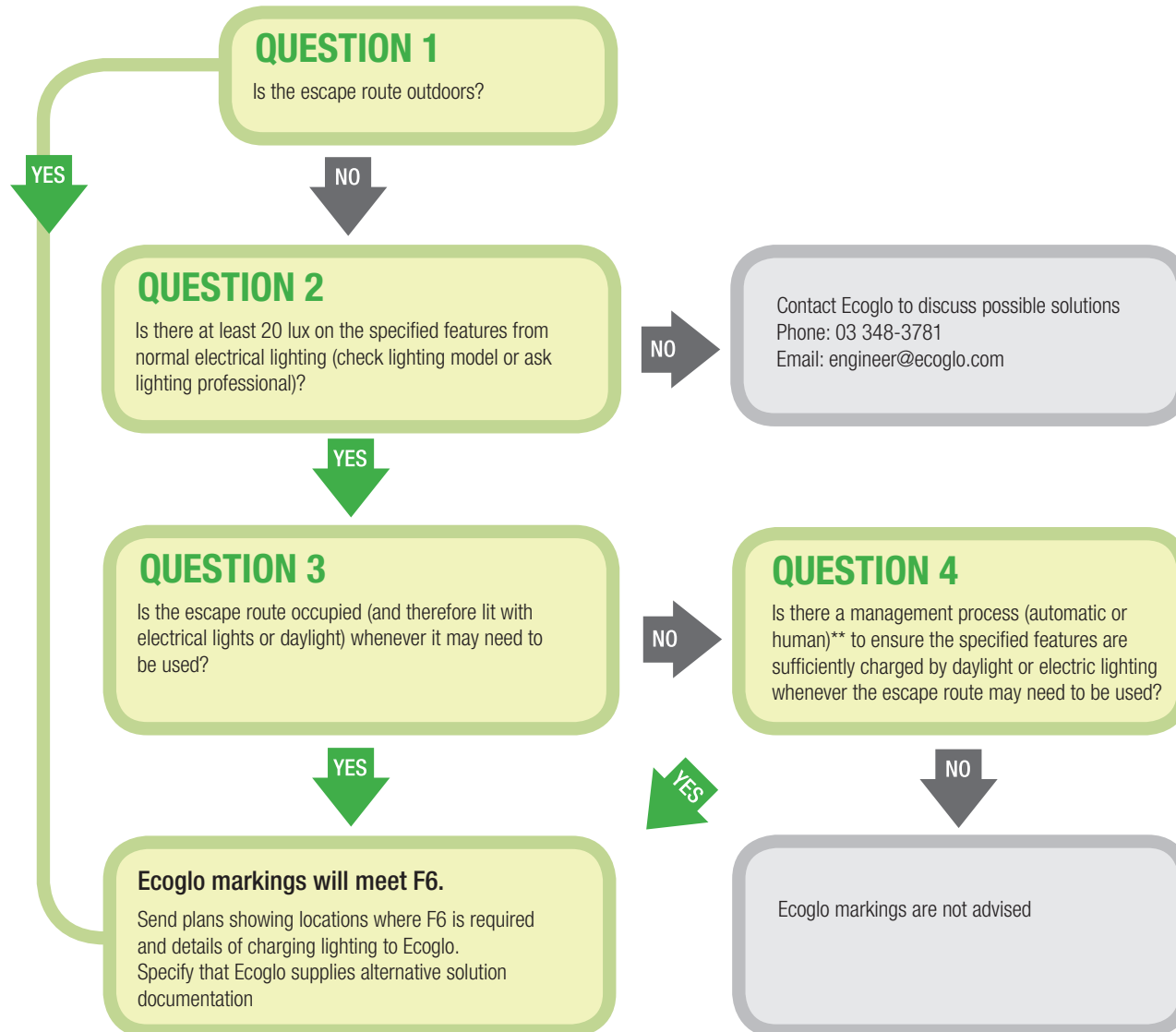


# F6 Alternative Solution Flowchart

Risk Group C 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 C: a building with an evacuation time of less than 30 minutes, an occupant load no more than 1000, and whose occupants are not 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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## Ecoglo International Limited

PO Box 7698, Sydenham 8240,  
77 Kingsley Street, Sydenham 8023  
Christchurch  
New Zealand

Phone: 03 348 3781  
Fax: 03 343 6821  
Email: [info@ecoglo.com](mailto:info@ecoglo.com)

[www.ecoglo.co.nz](http://www.ecoglo.co.nz)