

# Unravelling ICAO Obstruction Regulations

Understand which combination of lights and control system are suitable for your application

Part 6 of 7

This infographic series explores the different ICAO Obstruction Lighting types and combinations.

In [Part 1](#) and [Part 2](#), we identified the principles of ICAO Obstruction Lighting Regulations.

In Part 6 we look at solutions for Chimneys.



Scan the QR Code for more information on the ICAO Obstruction Lighting range.

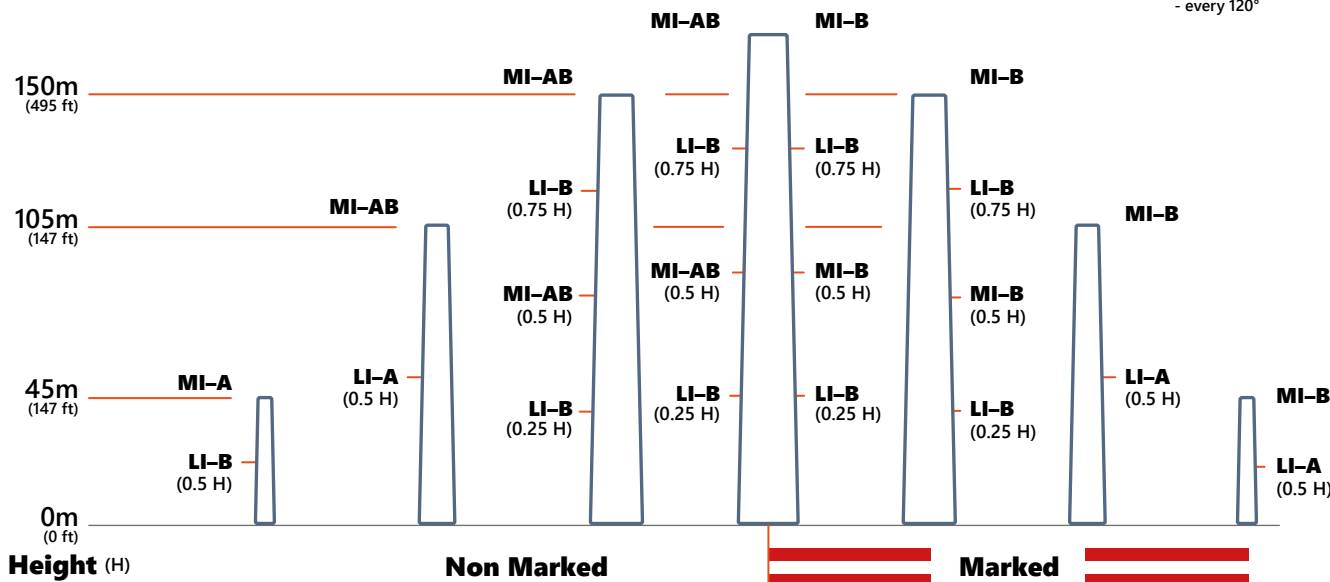
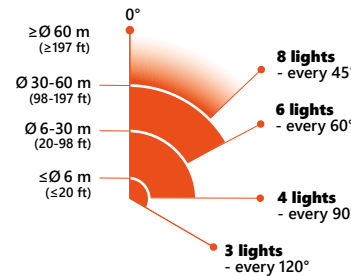


Application:

## Chimneys

Chimneys are an application for ICAO Obstruction lighting. The type used is dictated by the location, density and proximity to other obstructions. Chimneys can be marked and therefore require simpler lighting. The height of your chimney will then dictate the lighting you need.

The chimney diameter dictates the number of Low-Intensity lights mounted around its circumference. A minimum of two lights must be visible at all times (see right).



### 0 – 45 m (0 – 147 ft)

- **Non-marked chimneys** in this height range utilise Medium-Intensity Type A lights at the top or Low-Intensity Type B lights in the middle.
- **Marked chimneys** utilise Medium-Intensity Type B lights at the top or Low-Intensity Type A lights in the middle.

### 45 – 105 m (147 – 345 ft)

- **Non-marked chimneys** in this height range utilise Medium-Intensity Type A and B (combined) lights at the top and three Low-Intensity Type A lights in the middle.
- **Marked chimneys** utilise Medium-Intensity Type B lights at the top and three Low-Intensity Type A lights in the middle.

### 105 – 150 m (345 – 495 ft)

- **Non-marked chimneys** in this height range utilise Medium-Intensity Type A and B (combined) lights at the top and middle, while Low-Intensity Type B lights are placed at the quarter and three-quarter points of the chimney.
- **Marked chimneys** utilise Medium-Intensity Type B lights at the top and middle, while Low-Intensity Type B lights are placed at the quarter and three-quarter points of the chimney.

### >150 m (>495 ft)

- **Non-marked chimneys** in this height range utilise Medium-Intensity Type A and B (combined) lights at the top and in the middle, while Low-Intensity Type B lights are placed at the quarter and three-quarter points of the chimney.
- **Marked chimneys** utilise Medium-Intensity Type B lights at the top and middle, while Low-Intensity Type B lights are placed at the quarter and three-quarter points of the chimney.
- An additional tier of Low or Medium-Intensity lighting is required every 105 m (345 ft).