

Unravelling ICAO Obstruction Regulations

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

Part 4 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 4 we look at solutions for Cranes.



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

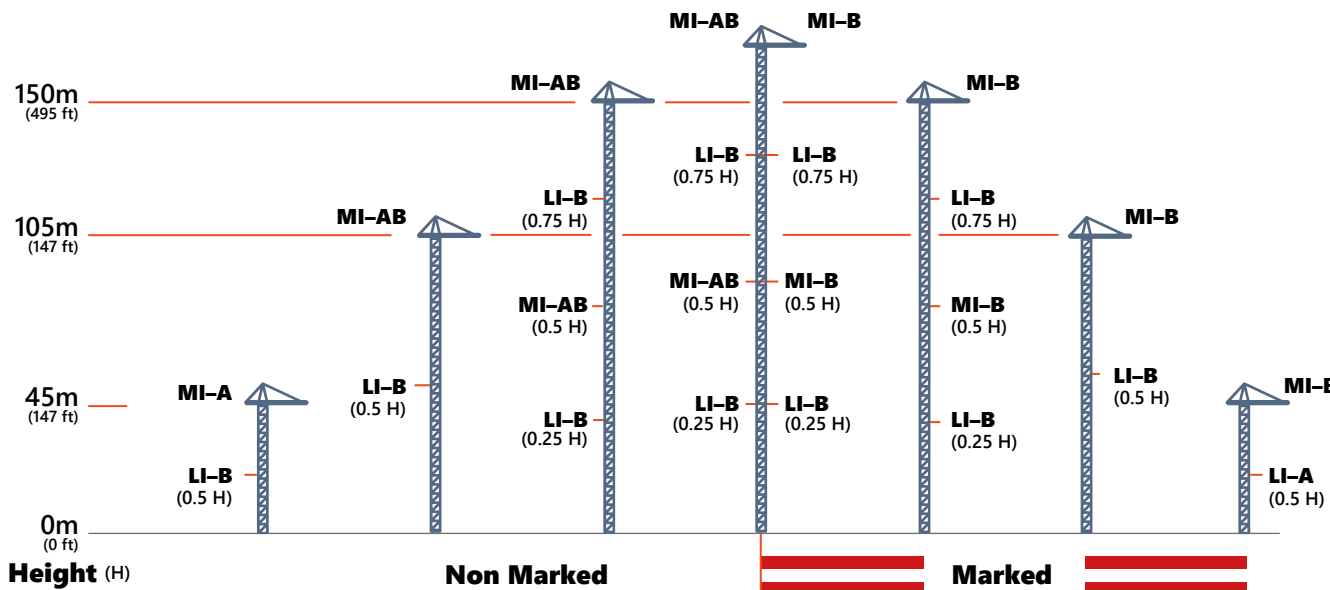


Application:

Cranes

Cranes use multiple combinations of ICAO Obstruction lighting. The type used is dictated by the location, density and proximity to other obstructions, and varies based on region.

A key consideration in their selection is if the crane is marked (painted), which simplifies your lighting requirements. The next consideration is the height of your crane.



0 – 45 m (0 – 147 ft)

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

45 – 105 m (147 – 345 ft)

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

105 – 150 m (345 – 495 ft)

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

> 150 m (> 495 ft)

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