Daytime and night hazard lighting for tower cranes

Night Hazard lighting:

This hazard lighting developed by Manitowoc for tower cranes, allows — thanks to the proposed light range — to meet the requirements of the ICAO and the FAA for a daytime, night or mixed hazard lighting.

The reference **82018326** comprises 3 red, low-intensity obstruction lights of type A, 3 inox light supports, 1 complete control panel with batteries of at least 100 hours discharge time, as well as 200 m cable. For any other request, please contact the Manitowoc Crane Care network.

**Control panel:**

- Supply voltage: 110 V / 220 V / 400 V compatible 50 to 60Hz,
- Light output voltage: 24 V DC,
- Robust metallic box with handling ring and support which can be fitted on most of the cranes,
- Functioning in active safety: a fault of the cell or of the control circuit causes switching-in of the lights,
- Adjustable light sensitive cell which can be shunted. A by-pass allows to force the lighting in a permanent way.
- Compatible with the whole light range proposed,
- Possible discharge time of 15 (type B light) to 100 hours (type A light) in continuous operation.

The reference **82018334** Réf. : **82019122**

**The various light types***:**

Continuous red light of low luminous intensity, type A >10 Cd or type B >35 Cd, IP66. These lights can be supplied with adjustable support which can be fitted on most of the cranes.

- Other lights can be proposed on request

**Characteristics:**

- Box: system of protection IP55
- Dimensions: 415 X 600 X 300 mm
- 2 batteries 12 V 90 Ah
- Total weight of the control panel with batteries 80 kg

The approval of the system by the local authority of commercial aviation is under the supervision of the customer.

Réf. : **82018329**

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*Other lights can be proposed on request.*
Daytime hazard lighting:

The LED night hazard lighting medium intensity is dedicated for a day and nighttime, the secure power of which is integrated in an external stainless steel enclosure.

Characteristics:

- This hazard lighting included:
  - 1 flashead bi-color (6 projectors red 2000 Cd / white 20000 Cd), aluminium body,
  - 1 power control panel with batteries,
  - 6 m cable,
  - Automatic day/night switch with photocell,
  - Easy installation and maintenance.

Réf. : 84017772

Power control panel with batteries:

- Waterproof box in stainless steel (in vertical position),
- Locking by key,
- Safety contact at the opening box,
- Surge protection,
- Test button for day/night and luminous indicator for each led circuits,
- Alarm contact,
- Master/slave configuration for multiple lights synchronization, through a wired connection (optional wireless connection),
- Up to 12 hours run time in case of a power outage (20 flashes/minute).

GMA, GMR and GTMR cranes:

- Order 40 m cable Réf. : 84036587
- For longer lengths, please get in touch with your usual contact.

In accordance with ICAO medium intensity type A and B, FAA L864/L865 flashing lights.