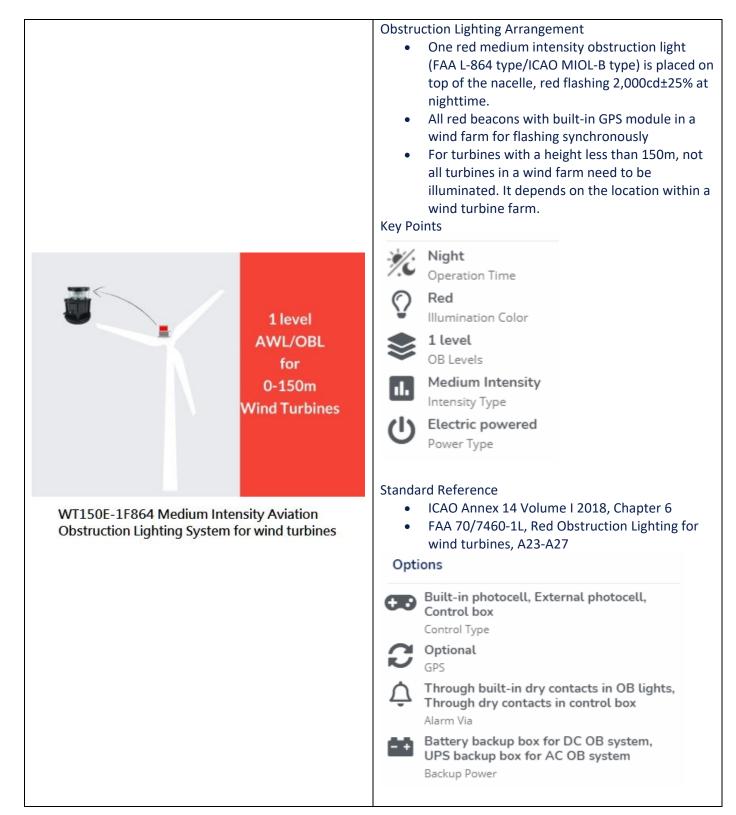




# **Distribuidor Brasil**

# SINALIZAÇÃO PARA TORRES DE ENERGIA EÓLICA







# **Distribuidor Brasil**

# 2 levels AWL/OBL for 210-315m Wind Turbines

WT315E-2F864XOL200 Medium-Low Intensity Aviation Obstruction Lighting System for wind turbines

## **Obstruction Lighting Arrangement**

- Two units of medium intensity red obstruction lights are at the top of the turbine nacelle, red flashing 2000cd±25%
- At least three units of OL200 low intensity single obstruction light are at midway between the top of the nacelle and ground level
- All medium intensity and low intensity lights in the wind turbine come with built-in GPS module, for flashing synchronously at 30FPM (±3fpm)
- All turbines at the height of 210-315m should install L-864 medium intensity lights and L-810F low intensity lights, regardless of their location within a wind turbine farm.

#### **Key Points**



### Night

Operation Time



#### Red

Illumination Color



#### 2 levels





Medium Intensity + Low Intensity Intensity Type



Electric powered

# Power Type

### Standard Reference

- ICAO Annex 14 Volume I 2018, Chapter 6
- FAA 70/7460-1L, Red Obstruction Lighting for wind turbines, A23-A27

## Options



Built-in photocell, External photocell, Control box

Control Type



Optional GPS

Through built-in dry contacts in OB lights, Through dry contacts in control box



Battery backup box for DC OB system, UPS backup box for AC OB system

Backup Power

#### **Obstruction Lighting Arrangement**

Two red medium intensity obstruction lights (FAA L-864 type/ICAO MIOL-B type) are placed





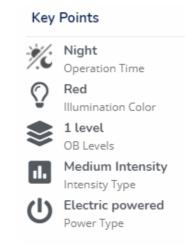
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Obstruction Lighting System for wind turbines

on top of the nacelle, red flashing 2,000cd+25% at nighttime.

- With built-in GPS module, the two red beacons on one wind turbine (150-210m) and all beacons in a wind farm are able to flash synchronously.
- All turbines at the height of 150-210m should be installed two red medium intensity obstruction lights, regardless of their location within a wind turbine farm.



# Standard Reference

- ICAO Annex 14 Volume I 2018, Chapter 6
- FAA 70/7460-1L, Red Obstruction Lighting for wind turbines, A23-A27

# Options





Through built-in dry contacts in OB lights, Through dry contacts in control box Alarm Via

