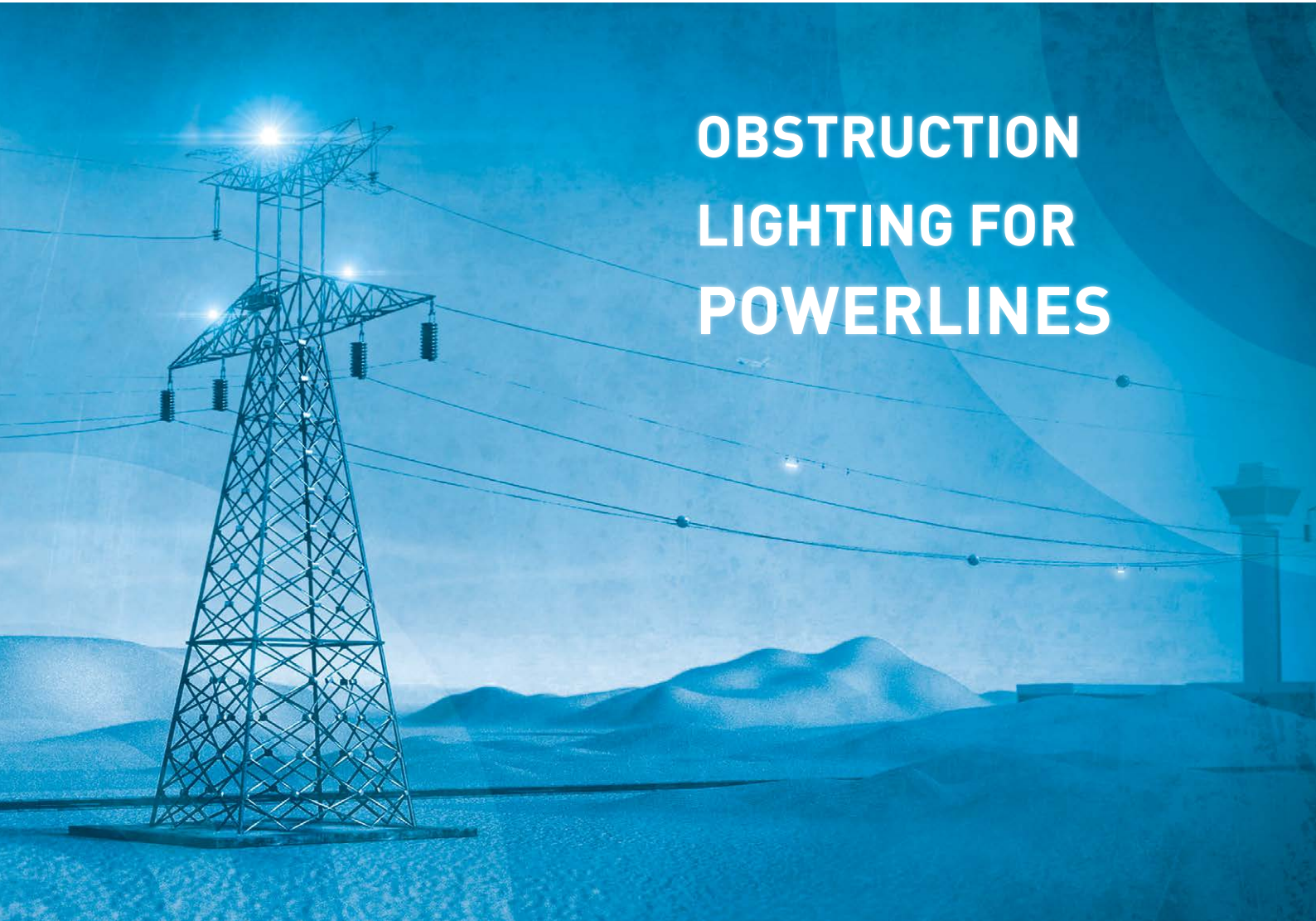




RELIABILITY IN  
OBSTRUCTION  
LIGHTING



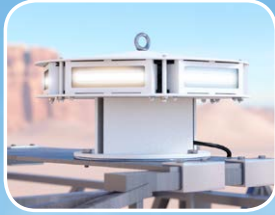
# OBSTRUCTION LIGHTING FOR POWERLINES

[www.obsta.com](http://www.obsta.com)

# DAY & NIGHT MARKING FOR TOWERS HIGHER THAN 45M

## 1 OFI Medium Intensity White & Red at top level

*White during daytime and red during night*



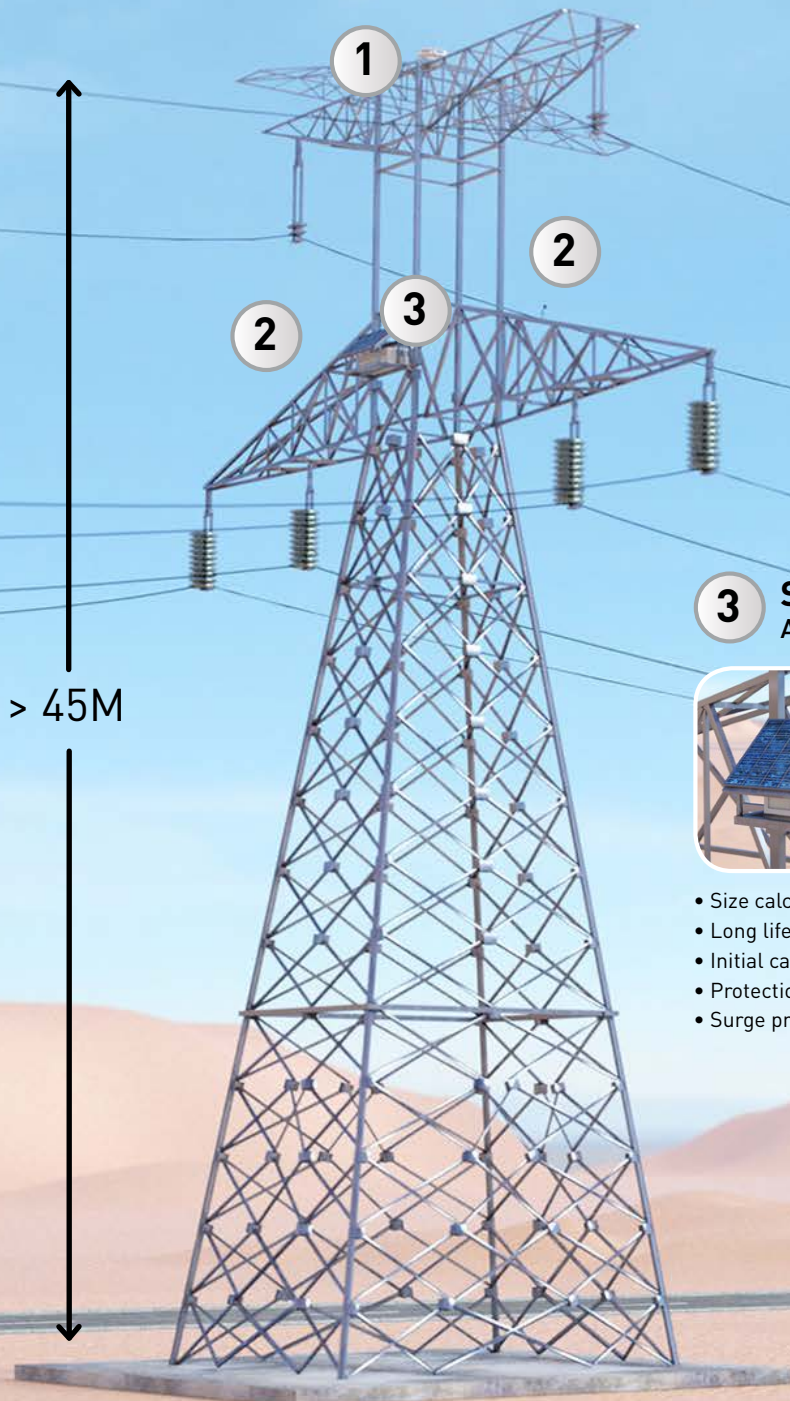
- Type A & B compliant to ICAO, CAA and FAA L-865/ L-864 certified
- IP66 verified
- Easy installation with only captive parts
- 6 LED projectors in hard glass and aluminium
- 2 lights in one with 2 LED circuits in redundancy
- Surge protection included
- Optional GPS interface for synchronisation
- 50cm diameter x 30cm height - Weight: 14kg

## OFC Medium Intensity Red Only at top level



or

- Type B & C compliant to ICAO, CAA and FAA L-864
- Self contained and compact solution
- 6 LED Optics in hard glass and aluminium cover (no plastic)
- IP66 verified
- Easy installation with only captive parts
- 2 lights in one with 2 LED circuits in redundancy
- Very low consumption
- Optional GPS interface for synchronisation
- Available with Infrared
- Dimensions: 20cmx20cmx20cm - Weight: 5 kg

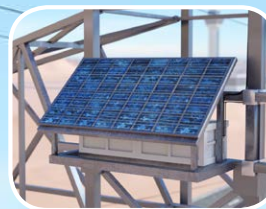


## 2 NAVILITE (optional) Low intensity Red at intermediate level



- Type A & B compliant to ICAO, CAA
- Very compact with one mounting screw
- 64 LED in redundancy, resin molded
- Beacon light not grounded (Class II)
- Fully waterproof (IP67)
- No corrosion
- Bird spike
- 6cm diameter x 10cm height - Weight: 370g

## 3 SOLAR KIT Autonomous power supply



- Size calculated from localization and number of flash per minute
- Long life solar gel batteries
- Initial capacity with at least 6 days of autonomy
- Protection of the battery against deep discharges
- Surge protection

4

## 5 PLASTIC WARNING SPHERE 600MM

Every 30M on OPGW or conductor up to 132kV



- ICAO and CAA compliant
- Polyethylene, fast mounted per half
- EPDM clamps to not damaged the cable
- No need of armor rod unless specified
- 8 drainage holes to prevent water accumulation
- Available in red, white and orange aviation

## 6 ALUMINIUM WARNING SPHERES 600MM

Every 30M on power cables up to 420 kV



- ICAO Compliant
- Fast mounting per half with latches
- Only 1 personne required for installation, only captive parts
- 8 drainage holes to prevent water accumulation
- Long durability in all climate conditions
- Available in white and red aviation

4

## BALISOR - CONDUCTOR WARNING LIGHT

Night Time every 70M nearby airport,  
105M otherwise



- Versions from 60KV to 550KV
- ICAO compliant Low Intensity Red steady-burning light
- Hard glass cold neon discharge tube
- OBSTA patented and manufactured in-house from 1938
- Self generation of energy in conductor
- No maintenance through decades
- Interference suppression included
- Light intensity independant from current

7

## BIRD-FLIGHT Diverter

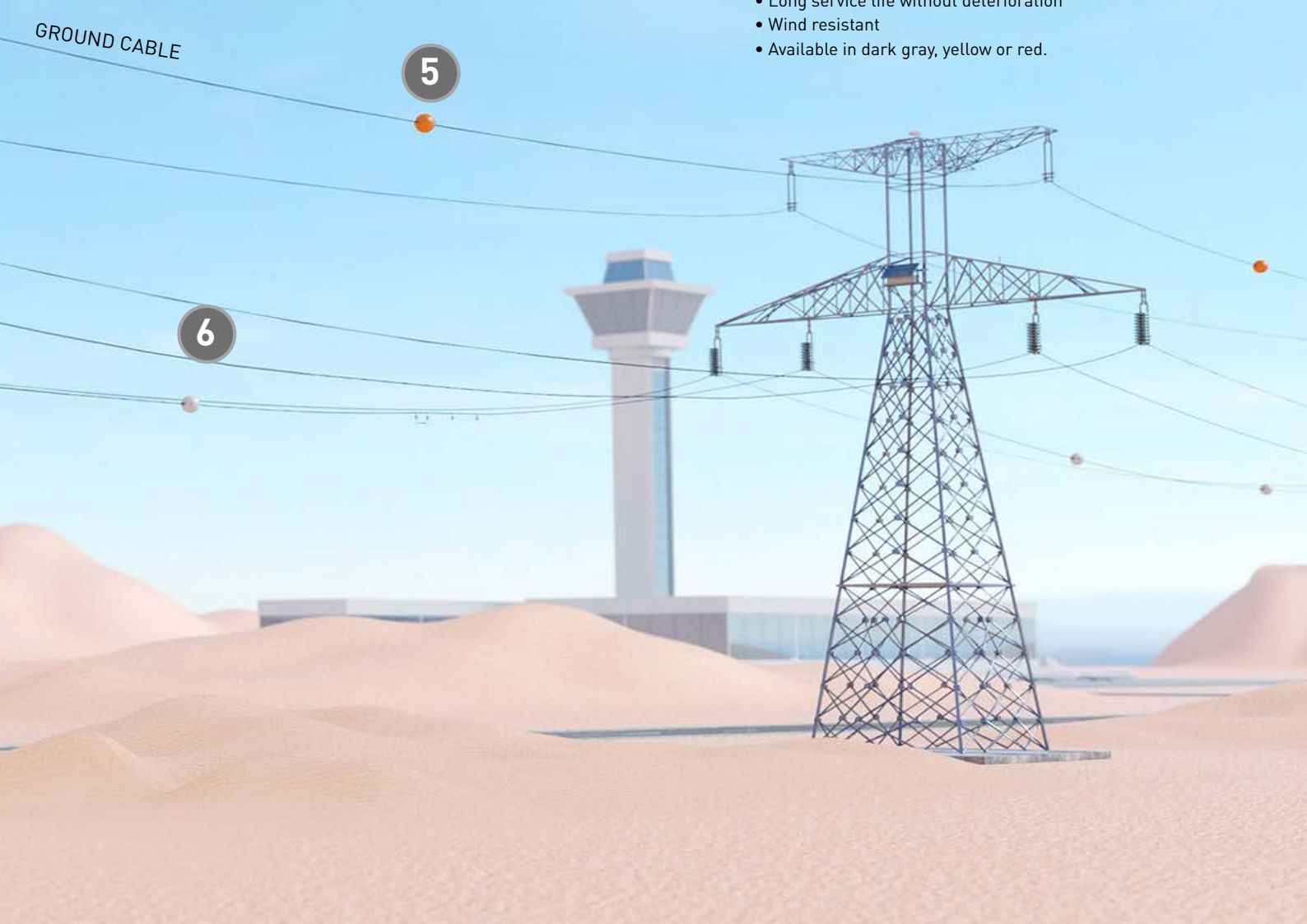


- Made with high impact PVC with UV protection
- Full unit or half available
- Low weight
- Quick and easy manual installation
- Positive grip on the conductor
- Long service life without deterioration
- Wind resistant
- Available in dark gray, yellow or red.

GROUND CABLE

5

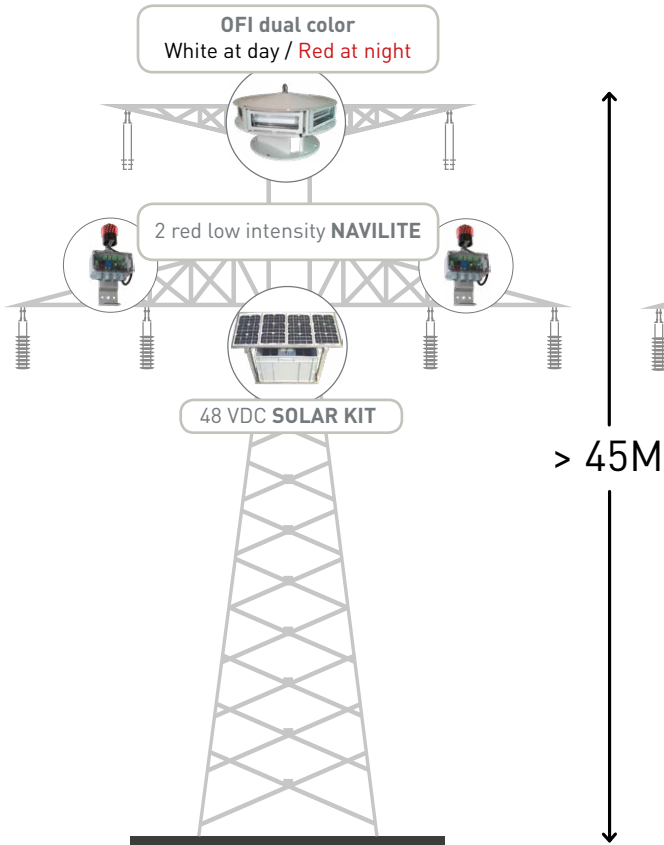
6



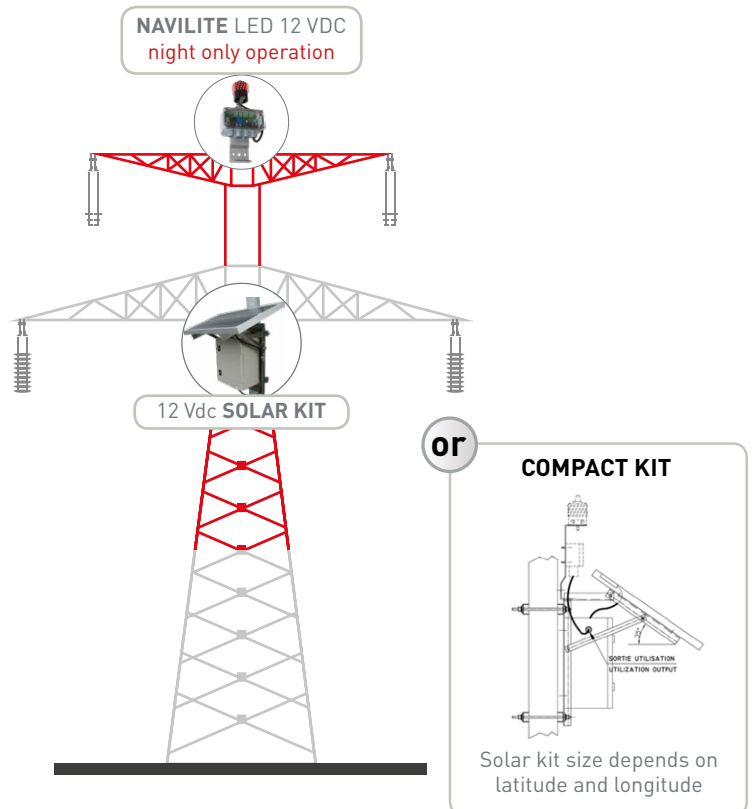
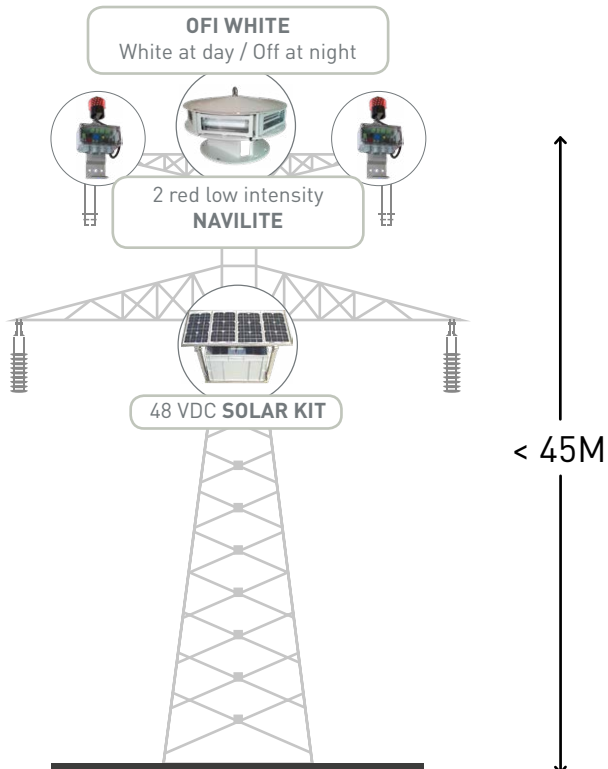
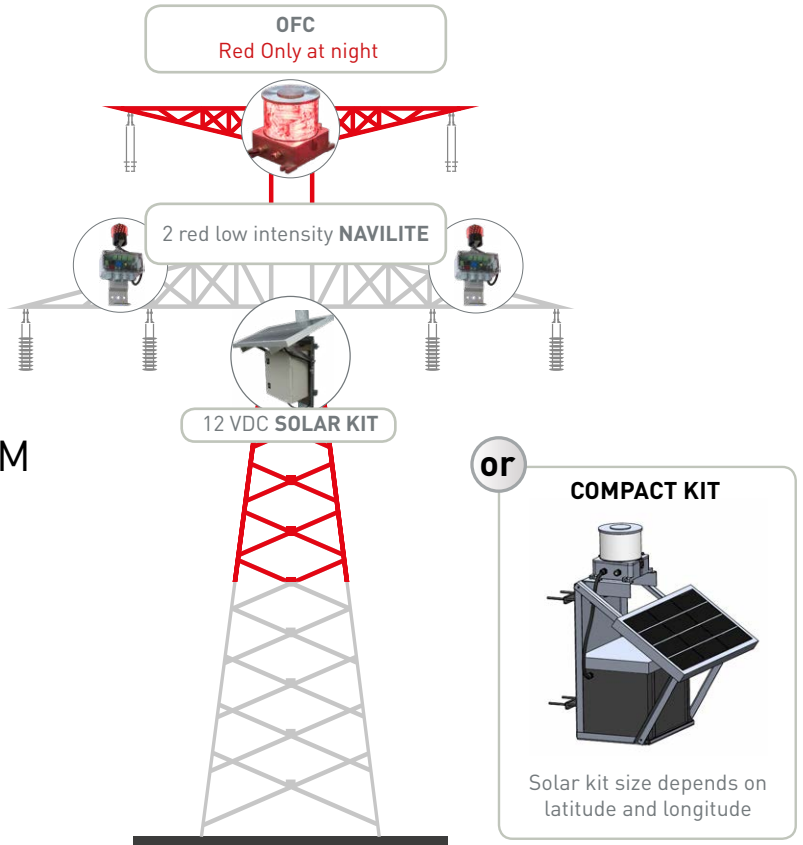
## SUMMARY OF ALL CONFIGURATIONS

According to ICAO Chapter 6 Annex 14

**TOWER WITHOUT PAINT MARKING\***  
White at day / Red at night required

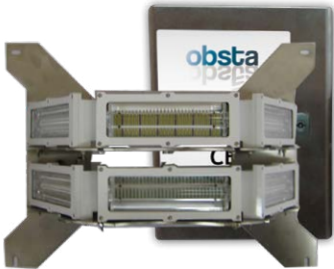


**TOWER WITH PAINT MARKING**  
Red at night only required



\* White flashing lights during daytime eliminates the need of white and red painted stripes

## OPTION WITH HIGH INTENSITY TYPE B



The OFH-180 high intensity type B is a day & night white color flashing obstruction light dedicated to transmission lines when it is not possible to install markers on the high voltage cables.

3 levels of 2 lights are required on each side of the tower supporting the high voltage cables.

\* ICAO and CAA compliant

\* Flat mounting with brackets

\* IP66 verified

### OBSTA IN BRIEF

- Foundation of the company in 1910
- French Leader & Specialist in Obstruction Lighting
- All products designed by us and manufactured in France
- In-house facilities to test and develop
- All our lights are ICAO compliant and most of them FAA certified
- ISO 9001 certified

### Some references on all continents and conditions

Paris Airport, FRANCE. Working since 1973! FRANCE, RTE



EGYPT, Ain Sokhna



CHINA, Hong Kong



USA, Texas



UAE, Abu Dhabi



RUSSIA, Moscow



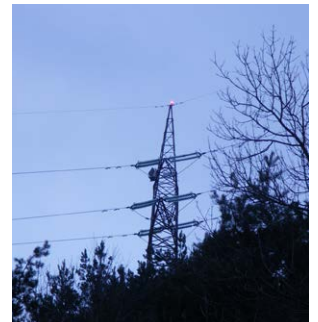
USA, Washington



ALGERIA, Algiers



ROMANIA





RELIABILITY IN  
OBSTRUCTION  
LIGHTING

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