



RELIABILITY IN
OBSTRUCTION
LIGHTING



OBSTRUCTION LIGHTING FOR BUILDINGS

Obstruction lighting for buildings

Three typical configurations depending on height



>150m

5 TOP LEVEL

5 MIDDLE LEVEL

<150m

TOP LEVEL 1 OR 2

INTERMEDIATE LEVEL 4

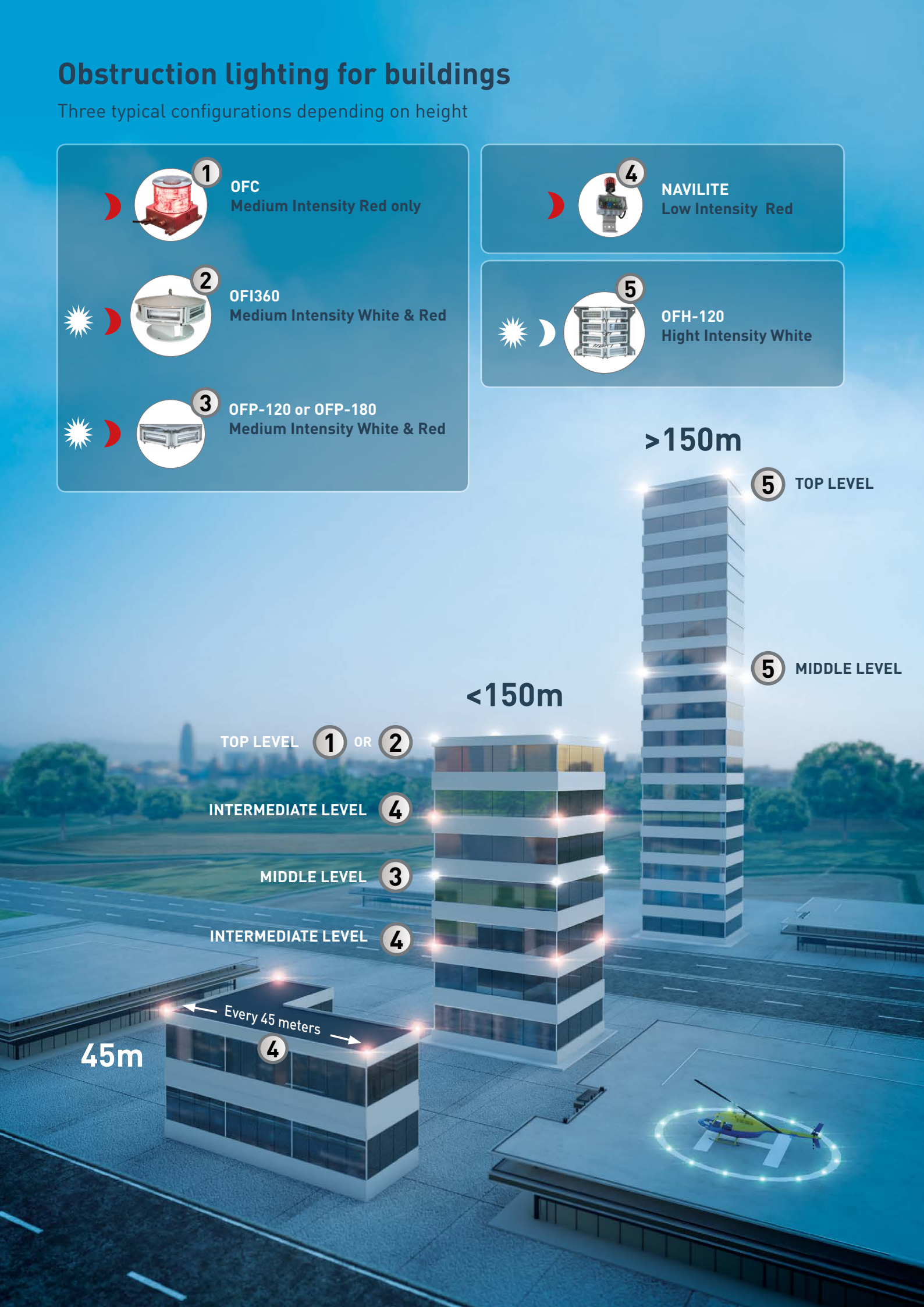
MIDDLE LEVEL 3

INTERMEDIATE LEVEL 4

45m

← Every 45 meters →

4





NIGHT MARKING ONLY REQUIRED

ICAO & FAA recommendations:

Below 45m = Low Intensity red on top, every 45m around obstacle
Below 150m = Medium Intensity Red on top and middle,
Low Intensity Red at intermediate levels (in option).

① OFC



Direct power
supply wiring

Aluminium cast moulded
base with bracket

Integrated photocell

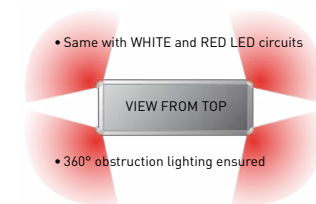
- Type B & C compliant to ICAO, CAA and FAA L-864
- Self-contained, 360° plug and fix solution
- Hard glass and aluminium cover (no plastic)
- IP66 verified
- Easy installation with only captive parts
- 2 lights in one with 2 LED circuits in redundancy
- Adjustable flash 20 to 60 flashes per minutes (or steady)
- Alarm in case of light or power failure
- Very low consumption : 6W at Type B
- Surge protection included
- GPS interface for flash synchronisation
- Dimensions: 20cmx20cmx20cm and weight: 5 kg

STAC

③ OFI-120



Also available
in dual color



- 4 sets around the tower
- Compliant to ICAO, CAA and FAA certified
- One common power cabinet
- IP66 replaceable projectors

- Stainless steel support
- Possibility to integrate in balcony, parapet
- Quick connector and only captive parts

Typical wiring*



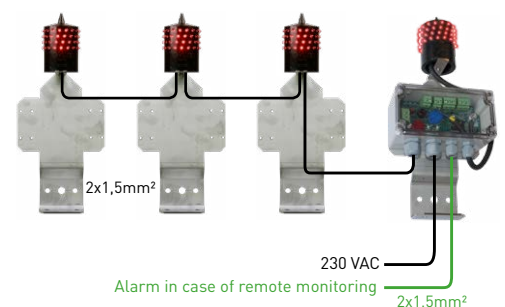
④ NAVILITE 230V

STAC



- ICAO low intensity Type A & B verified
- Bird spike
- Very compact
- Resin molded for IP67
- Fully waterproof
- No corrosion
- 64 LED in redundancy
- No grounding issue (Class II)
- Photocell for night switch
- Alarm in case of light or power failure
- Surge protection
- 1 to 4 lights connected
- Flash mode upon request

Typical wiring*



*To be fine-tuned for each project

*The cabinets and photocells can be merged

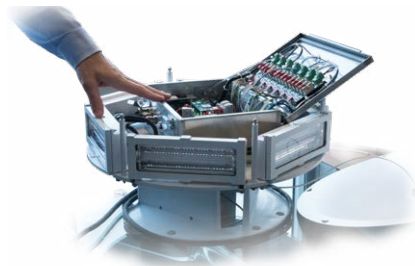
*The wire section shall be increased in case of longer distance



DAY & NIGHT MARKING REQUIRED

ICAO recommendations:
Below 45m = Low Intensity red for night and medium intensity white for day
Below 150m = Medium Intensity white on day / red at night on top and middle
with optional low intensity red at intermediate levels
Above 150m = high intensity lights on top and every 105m maximum

② OFI360



- ICAO medium intensity Type A / B&C verified
- FAA L-865/L-864 certified
- 6 led modular projectors in aluminum and glass (IP66)
- 2 white led circuits in redundancy per projector
- Easy installation with only captive parts
- Alarm report, indicators options for any specifications
- Surge protection included
- Web based and BMS remote monitoring in option

Typical wiring*



STAC



⑤ OFH120



Patent : EP 1966535B1 & US 7816843

Flash head

- High Intensity Type A ICAO verified
- 120° horizontal beam orientation
- 8 LED modular projectors in aluminum and glass (IP66)
- Projector can be replaced from outside with quick connectors
- Easy maintenance
- Precise optic low power consumption

Power cabinet per flash head

- Weathertight stainless steel enclosures
- Surge protection included
- Alarm monitoring
- Automatic day/twilight/night switch by photocell
- Luminous indicator for each projector
- Test button for day, twilight and night mode
- Web based and BMS remote monitoring in option

STAC

CABINET AND PHOTOCELL



- 110 to 240 VAC +/-10 %
- Surge protection included
- Photocell day/twilight/night
- Test button for night/day mode
- Alarm in case of light or power failure
- Master/slave configuration for multiple beacon lights
- 12h backup battery in option
- Photocell plug-in
- GPS interface for wireless synchronization of multiple lights
- Optical interfaces with optic cables
- Web based and BMS remote monitoring in option

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

Four Seasons Hotel, Abu Dhabi



Damac Vercase Tower, Beirut



NIGERIA, Lagos, Eko Towers



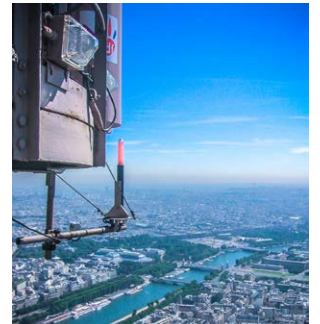
SPAIN, Barcelona Tower



MALAYSIA, Kuala Lumpur



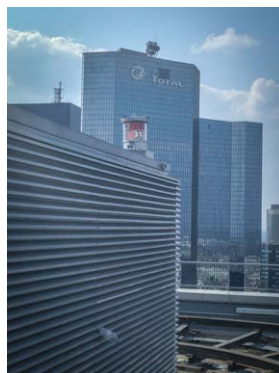
PARIS, Eiffel Tower



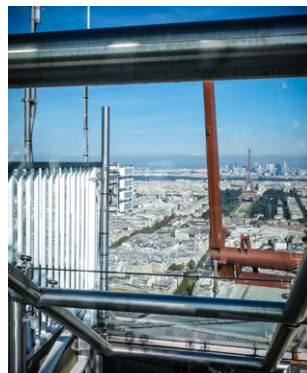
FRANCE, Millau



FRANCE, La Défense Descartes Tower



PARIS, Montparnasse Tower



ST PETERSBURG, Gazprom tower



BRUXELLES, Diegem





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