



RELIABILITY IN
OBSTRUCTION
LIGHTING



OBSTRUCTION LIGHTING

For

STACK BELOW 150M

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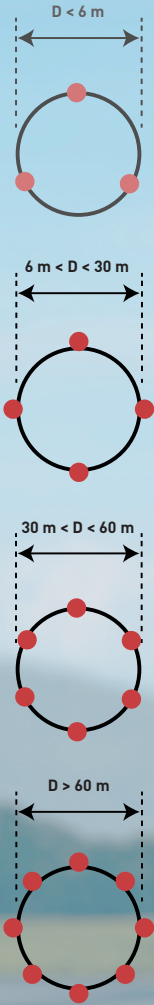
OBSTRUCTION LIGHTING FOR STACK

Painted stack (red & white stripes) 45 to 150 meters high, lights operating only at night.



ICAO

Number of lights per level depending on the diameter of the chimney as per FAA

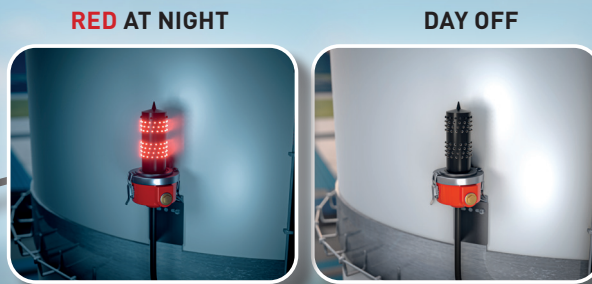


These configurations can be modified if stack are close to each other

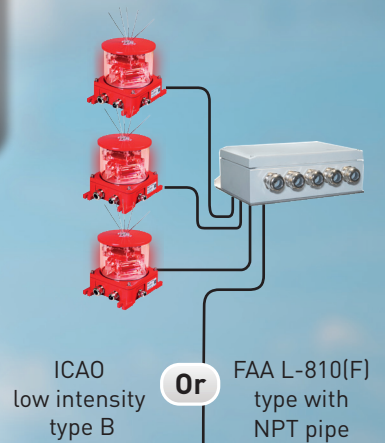
3 LED OBSTAFASH120 red medium intensity
ICAO compliant and L-864 FAA ETL certified
below the top to avoid the smoke to hide the lights



3 NAVILITE at mid level



110-240 VAC power supply and Photocell
at the bottom with or without batteries



ICAO low intensity type B

Or

FAA L-810(F) type with NPT pipe

Photocell north oriented



110 to 240 VAC

105m to 150m (ICAO)
350ft to 700ft (FAA)

Red color

up to 6 meters below the top

L-865/L-864 (Dual color medium intensity type A&B)

L-864 (red only medium intensity type B)

L-865 (white medium intensity type A)

L-810(F) or (Low intensity type B)

Above 45m (ICAO)
Above 150ft (FAA)

less than 45m (ICAO)
less than 150ft (FAA)

NIGHT TIME MARKING (Red only)

The night time marking is done with red obstruction lights :

- low intensity type A or B (L-810)
- and/or medium intensity type B (L-864)

NIGHT MARKING ONLY REQUIRED

OFC



Direct power supply wiring

Aluminium 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
- Bird spike in option
- Dimensions: 20cmx20cmx20cm and weight: 5 kg



ICAO

NAVILITE-IR-FAA-120-240V

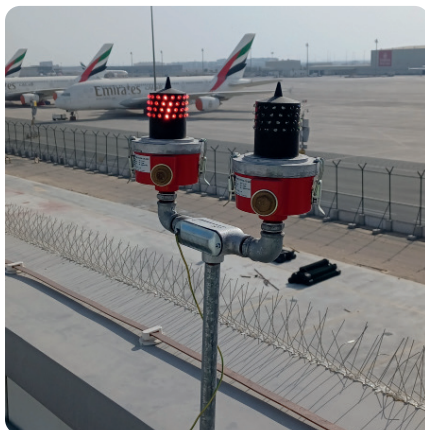


Model 113969IR

- Type A & B compliant to ICAO, CAA and FAA L-810 ot L-810(F)
- Light perfectly waterproof
- No corrosion risk
- No losing parts
- Bird spike
- 2 x 3/4» NPT threaded holes
- 16 circuits of 4 LEDS
- LED wiring 4 by 4 in active redundancy at 90°
- 48 VDC or 110 VAC to 240 VAC power supply
- Surge protection included
- Alarm relay in case of lamp failure or power supply failure



ICAO



Option Dual Main and Back up
on Dual pipe bracket
Model 113928



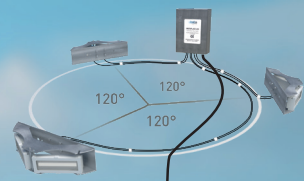
Option 48VDC available for all
our lamps to include 12 hours
autonomy battery cabinet
Model 113956B

OBSTRUCTION LIGHTING FOR STACK

Stack without red & white stripes 45 to 150 meters high. Lights operating Day and night.



3 LED OBSTAFLASH120 dual color medium intensity ICAO compliant and L-865 / L-864 FAA ETL verified below the top to avoid the smoke to hide the lights

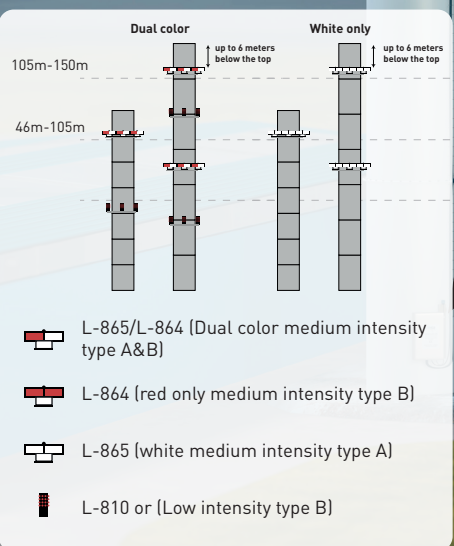


3 NAVILITE at mid level



ICAO low intensity type B **Or** FAA L-810(F) type with NPT pipe

110-240 VAC power supply and Photocell at the bottom with or without batteries



DAY TIME MARKING (White flashing only)
The day time marking is done with white flashing obstruction lights:
 • medium intensity type A (L-865)
 • or high intensity type A or B (L-856, L-857)
 (The use of white flashing light during day time eliminates the need to paint the obstacle with red and white stripes).

DAY AND NIGHT TIME MARKING (White flashing or Dual Color)
The day and night time marking can be realized by using either:
 • white medium intensity light working day and night
 • dual color lights, white flashing during day time and red during night time



**DAY & NIGHT
MARKING REQUIRED**

3 OBSTAFLASH 120 dual color Medium intensity L-865/L-864



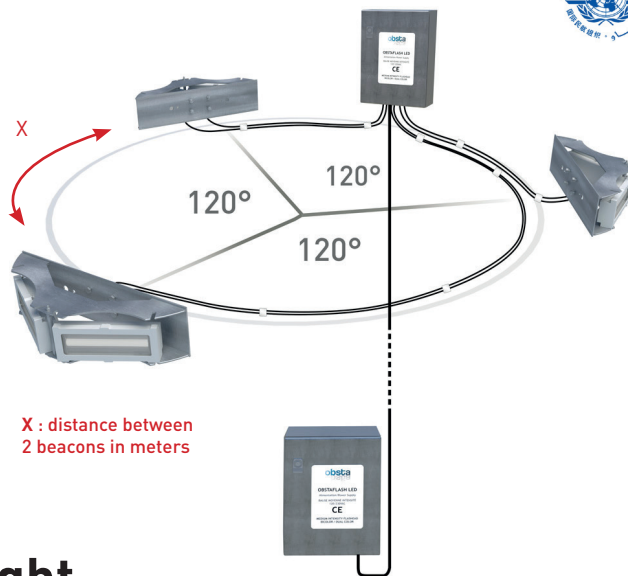
- 3 sets of 2 led replaceable projectors (1kg each) coming with molded cable and plug connected to the power unit
- DC (or AC) stainless power unit with comprehensive luminous indicators
- Test button for day and night
- Dual level Surge Protective Device (AC and DC) for longer life expectancy and improved reliability
- No losing parts

Set of 3 L-865/L-864 obstafash120 around the tower with one common power unit

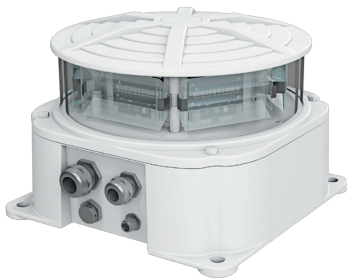


ICAO

Light arrangement on the stack



OFD Integrated Dual Color light



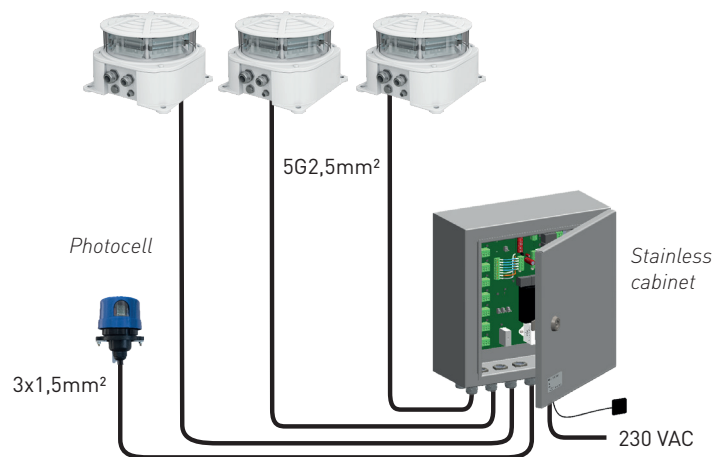
360° full lights for ICAO compliancy only and when it is installtion on platform or bigger bracketry is feasible

- 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



ICAO

Typical wiring



Why Choose OBSTA?

- ✦ Expertise for decades
- ✦ Certified & Reliable Products
- ✦ Comprehensive Solutions
- ✦ Long-Term Partnership



1

CONSULTING & REGULATORY GUIDANCE

ICAO and FAA regulations can be complex. OBSTA's experts guide you from day one by analyzing your structure (wind turbines, pylons, cranes, chimneys, high-voltage lines, buildings), recommending the appropriate obstruction light(s) (low, medium, or high), and ensuring full compliance with international standards. We help you move forward with confidence.

2

PRODUCT SELECTION & SUPPLY

OBSTA offers a comprehensive range of obstruction lights designed for every application and environment. Whether you need a solar-powered solution, infrared night-vision compatible lighting, or a complete control and monitoring system, we have the right product.

3

INSTALLATION SUPPORT

Our team can provide full technical support during the installation phase — remote assistance, detailed documentation, wiring diagrams, and on-site commissioning when needed. We ensure your lighting system is up and running correctly,

4

MAINTENANCE & LONG-TERM SUPPORT

Aviation safety never stops. OBSTA supports you throughout the lifetime of your installation with spare parts, upgrades, and technical assistance. As regulations evolve, we help you stay compliant and keep your infrastructure performing at its best.

Some references on all continents and conditions



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