# 15nM WHITE LIGHT NIGHT MODE

## SAFE AREA IP66



**LXS®**
**LUXSOLAR ®**

# MARINE NAVIGATION AIDS

# 15nM WHITE LIGHT NIGHT MODE TECHNICAL SPECIFICATIONS

## KEY FEATURES

- Based on LED technology
- 15nM (nautical mile) night mode, white flashing (Morse Letter "U")
- Long life time >10 years life expectancy
- Low consumption
- Stabilised light output
- Lightweight and compact
- Low wind load factor
- Alarm/remote status control
- Easy to install
- No RF-radiations
- Light output alignment device
- Patented beacon ( EU 001929910-0001; Canada 145 189; USA D673,474)

## OPTICAL FEATURES

- Horizontal beam radiation 360°
- Vertical beam spread >2,5°
- PMMA lens

## OPTIONS

- Power supply AC or DC

## ELECTRICAL FEATURES

- Power supply for external control
- Average power consumption for night mode: 18W
- LED feeded at constant current
- Lightning protection inside controller

## MECHANICAL FEATURES

- Anodised aluminium body with heat-sink for natural draft air cooling
- RAL7035 painted aluminium body lamp
- Bottom wind collector for central heat-sink cooling
- Borosilicate glass cover protection
- Silicon gasket
- Degree of protection: IP65
- Operating temperature: -50°C to +80°C
- Storage temp. range: -20°C to +45°C
- Lamp unit weight: 6kg

## APPLY TO

- Offshore structures classifield as safe areas
- Isolated wind turbine, beacon is located at not less than 6m and not more than 30m above Highest Astronomical Tide (HAT)
- Meteorological mast
- Other individual structure
- Used as main light to ensure that at least one light is visible upon approaching the structure from any direction
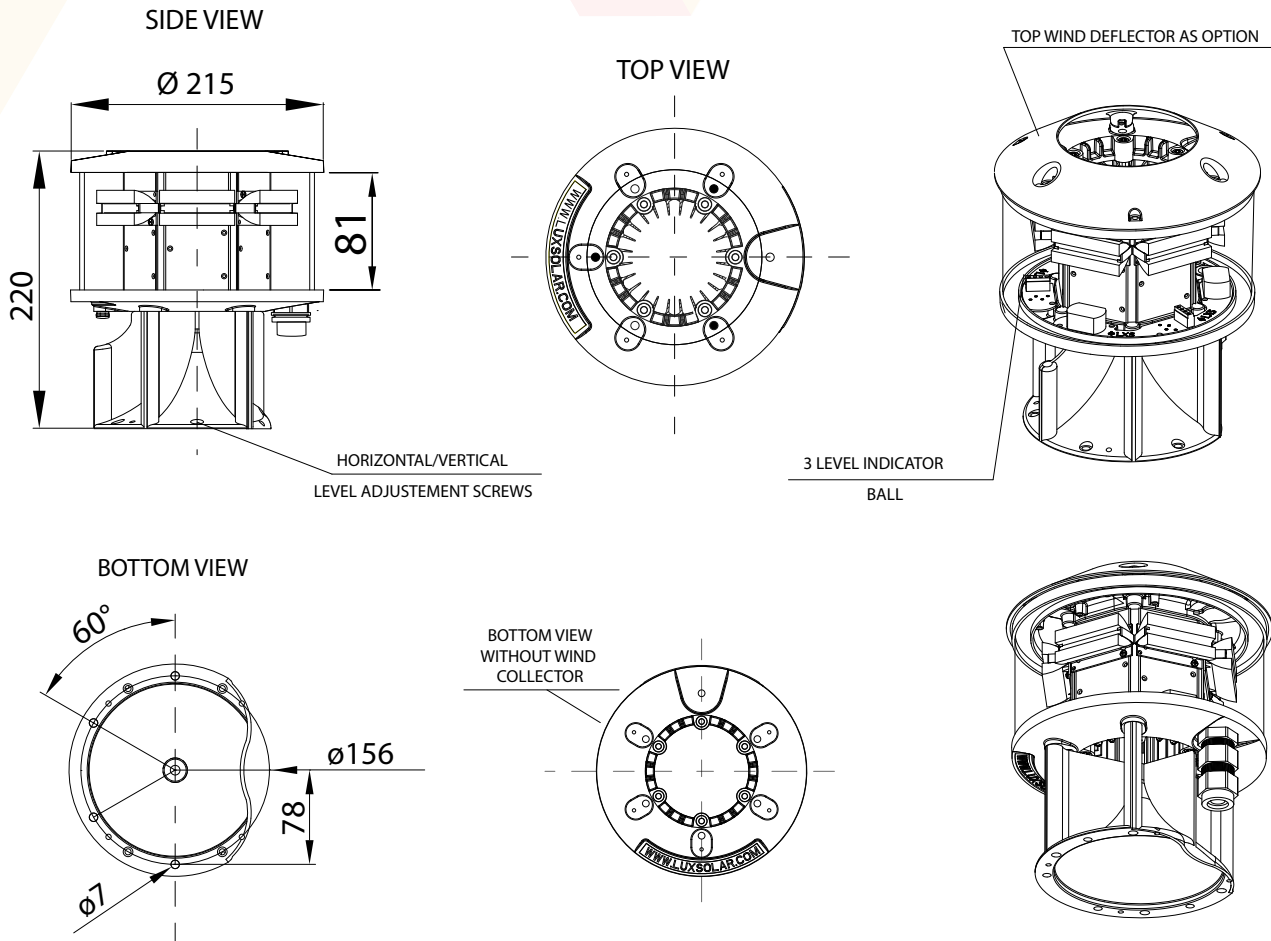
## INTERNATIONAL REGULATION

- Standard marking schedule for offshore installations, Decc 04/11
- CE marking

## PART NUMBER

- Part number:
  - **MNL-LXS-15nM-230VAC**
  - **MNL-LXS-15nM-24VDC**

rev_ 231218

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# MARINE NAVIGATION AIDS

# 15nM WHITE LIGHT NIGHT MODE

SIDE VIEW

Ø 215

220

81

HORIZONTAL/VERTICAL
LEVEL ADJUSTEMENT SCREWS

TOP VIEW

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3 LEVEL INDICATOR
BALL

TOP WIND DEFLECTOR AS OPTION

BOTTOM VIEW

60°

ø156

78

ø7

BOTTOM VIEW
WITHOUT WIND
COLLECTOR

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## CERTIFICATIONS

CE

## FEATURES

BASE
alu
AL

BOROSILICATE

-50°C
+80°C

IP66

∞
ON

SELF
extinguishing

LED
SMD

6W

LED LIGHT DO NOT STARE INTO
THE BEAM OR VIEW DIRECTLY
WITH OPTICAL INSTRUMENTS
CLASS 3R LED PRODUCT

tested at 240km/h
(150mph)

up to 80m/s²

## TYPICAL APPLICATION

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231218