

The logo for LANTHAN features the word "LANTHAN" in a white, bold, sans-serif font. Above the text is a stylized orange line graphic that starts as a simple arc and then loops into a complex, tangled scribble.

LANTHAN

A green-tinted photograph of a wind turbine tower. The tower is the central focus, with its nacelle and two blades visible at the top. Two red lights are mounted on the nacelle. The background is a solid green color.

Obstacle Lights for Wind Industry

Featuring

Lanthan



Made In EU

- Production sites in Germany
Bremen and Gefrees, Frankonia
- Short supply chain
- Deep inhouse production



Design for Quality

We are familiar with your requirements.

- Company Member of APQP
- ISO 9001
- Remote FAT



Designed for Ecologic and Economic Sustainability

- All our products are planned for a
WEC lifetime.
- No discontinuation without
adequate replacemen
- All products are repairable
and retrofittable



Wordwide Installations

- More than 125.000 Installations
- Seven continents (including Antarctica)



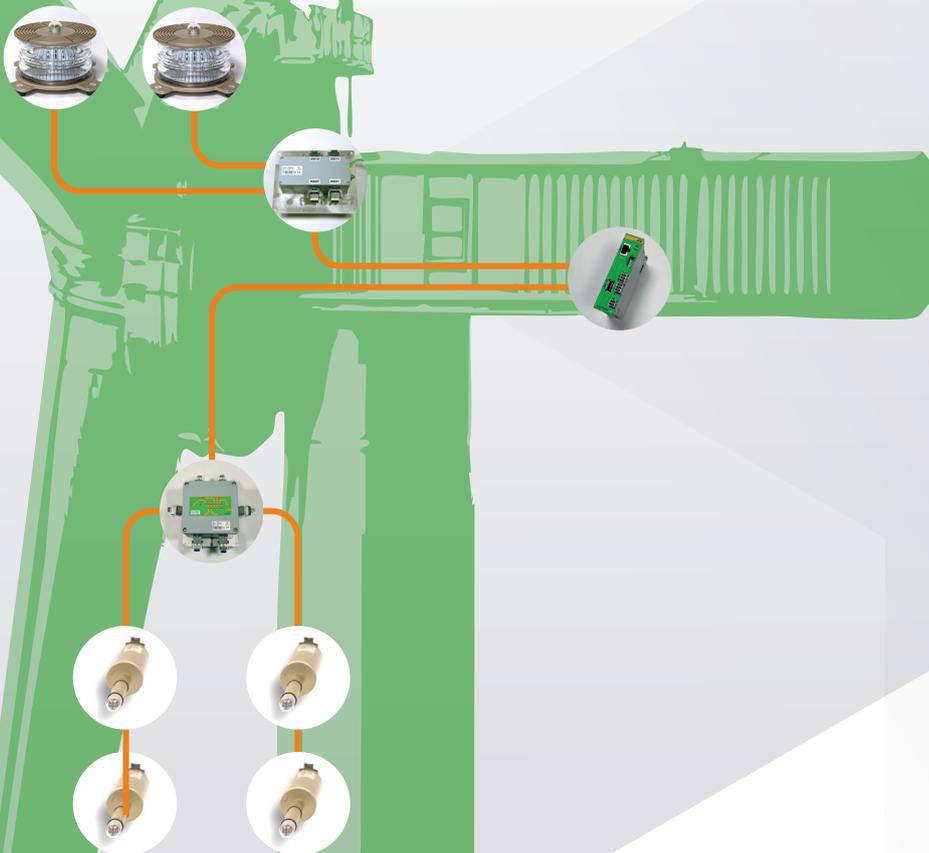
OEM Manufacturing

Lanthan is OEM Manufacturer for various industrial companies.

-> Come to us for your requirements

System G4.1 in a Nutshell

Single Line Diagram



Nacelle Lights

12 ICAO types available covering all national requirements

Surge Protection and Signal Distribution

Lightning zone 0b/1 protection

System Controller

Fits on any DIN rail or in a tiny control cabinet
Additional modules for signal distribution and cross cable reduction

Tower Distribution

Signal distribution & monitoring

Tower Lights

ICAO low Intensity 10 - 50 Cd & IR

Medium Intensity Obstacle Lights

Nacelle Lights



R2k

2000 Cd Red

ICAO Medium Intensity Type B / C



R2kIR500

2000 Cd Red

500mW/sr Infrared

ICAO Medium Intensity Type B / C



W20kR2k

20000 Cd White

2000 Cd Red

ICAO Medium Intensity Type A and B / C



W20kR2kIR500

20000 Cd White

2000 Cd Red

500mW/sr Infrared

ICAO Medium Intensity Type A and B / C



W20kR100IR25

Special Obstacle Lights

Nacelle Lights



R100IR25

170 Cd Red
25 mW/sr Infrared
According to German AVV



W20kR100IR25

170 Cd Red
20.000 Cd White
25 mW/sr Infrared
ICAO Medium Intensity Type A
German AVV



R200IR1200

200 Cd Red
1200 mW/sr Infrared
10 to 200 Cd red
MOD infrared (UK)



W50kIR500

50.000 Cd White
500mW/sr Infrared

R100IR25



IR600

500mW/sr Infrared
MOD Infrared (UK)

Low Intensity Obstacle Lights

Tower Lights



R32IR150H.SL
R50IR150H.SL
R32IR150H

Tower lights are available in different diameters, lengths and mounting options and are customized to the relevant technical purchase specifications.

Available Diameters: 17mm, 50mm
Length: 100mm / 130mm
Various mounting options.



Portable Lights PP-Series

Battery powered low intensity lights for construction phase operating up to 2 months with recyclable zinc-air batteries



R100R25 Offshore Version



LCU- Lanthan Light Control Unit

Modern slim obstacle lighting controller

- web and TCP based control and configuration
- versatile protocols
- proven industrial device produced by Eaton



BM / BM+ / Modules

- Surge protection
- BM+: Additional IO

HM Modules

- HM: High voltage module for reduced cable cross-section



TM

Distribution box for tower lights

- surge protection
- Device signalling (power / fail)



AB / AB+

Nacelle entry surge protection (Zone 0b to 1)

PS2 / PS2+

Nacelle entry surge protection (Zone 0b to 1)

Capacitor Bank for reduced peak power consumption

+version with addition range visibility sensor





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