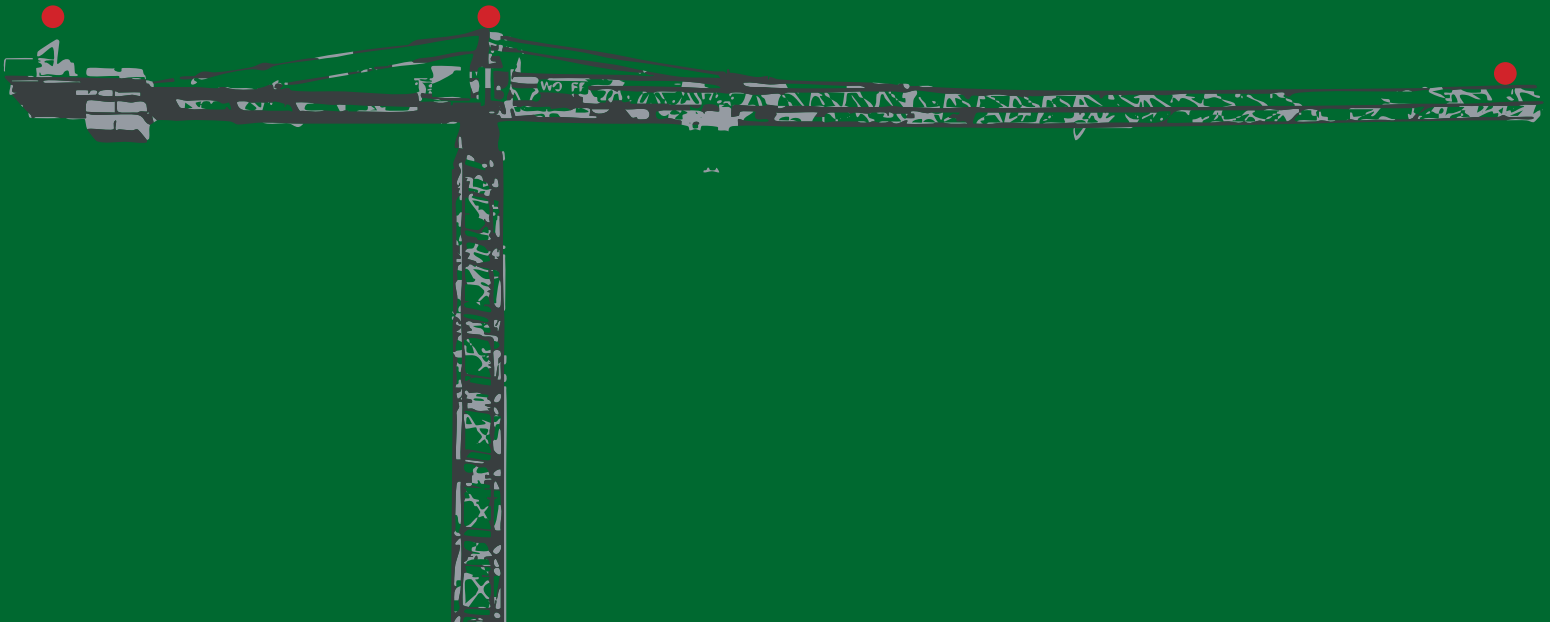
Obstacle Lights for Cranes & Building

LANTHAN



Tower Crane Obstacle Light Systems

TCS
In a Nutshell

Plug And Play Solution

The Lanthan Tower Crane Obstacle Light System TCS is a complete and fully preassembled obstacle lighting system for cranes is based on typical requirements.

- Suitable for 2 to 4 ICAO Low Intensity Obastacle Lights Type A (10 Cd) or Type B (32 Cd)
- Backup supply >3 days (friday end of work to monday)
- Robust and reliable design
- No wiring, plug and play with robust connectors and preconfigured cables
- Rapid Delivery

Designed for Ecologic and Economic Sustainability

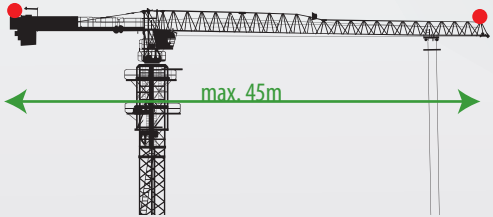
Lanthans Products are designed for long livetime, heavy environment and Reliability. Building sites daily business requires this. In case of any defect we offer fast service and spare parts.

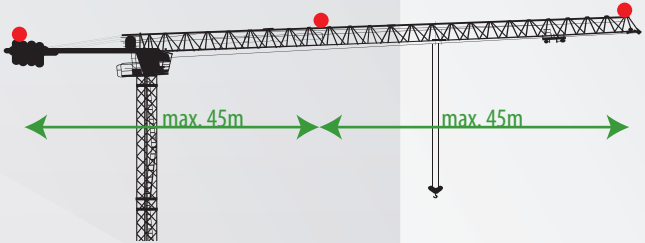
TCS

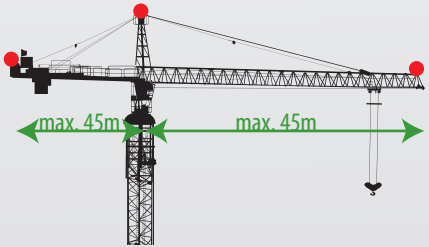
General Requirements for Cranes

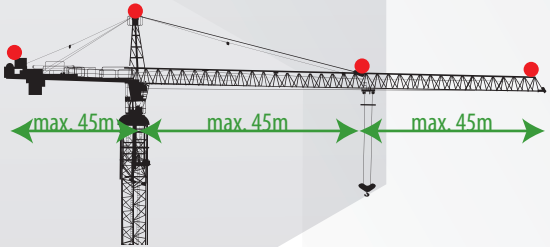
National Requirements

According to ICAO recommendations and most national regulations these following setups are usually required.
For most european countries Low Intensity Obstacle Lights Type A or Type B are used - our obstacle lights are certified for this in France and Germany and are used worldwide.









Tower Crane Obstacle Light Configurator:
www.lanthan.eu/tcs

Mobile Cranes
Keep it Upright

Challenge: Mobile Cranes

We have found an innovative solution to the challenge of obstruction lighting on mobile cranes. This lighting needs to be installed in vertical positions, which is made difficult by the operation of the cranes in different conditions.

Penduling Obstacle Lights

With Lanthan's pendant solutions, with or without anemometers, we can ensure that the obstruction lights remain upright at all times. We have the option of integrating different types of anemometers, such as Kriwan or Thies. The proven and reliable technology has been specially adapted to the needs of cranes and developed together with them.

This means that our obstruction lighting remains reliable and functional, regardless of the operating conditions of the cranes.

Building
Red Dots in the Skyline

In the night-time panorama of a large city, obstruction lights play a decisive role in shaping the cityscape and contribute significantly to the character and charm of the metropolis. These luminous markings, which are located on the highest points of skyscrapers and other tall buildings, not only serve to ensure flight safety, but also give the skyline an unmistakable identity.

25% of Frankfurt Skyline

A reference for us is Frankfurt City: most new building since 2008 rely on Lanthan technology: Tower185, Opernturm, Marienturm, Omniturm, Neue Hennigner Turm, One Forty, WinX, Tower One, Taunusturm and more.

Service for Architects and Planners

We offer consulting and planning services for approval and implementation planning and provide tender texts for all items.

Facade Integration


Tower185

Infrastructure

Telecom - Power Lines

Telecom

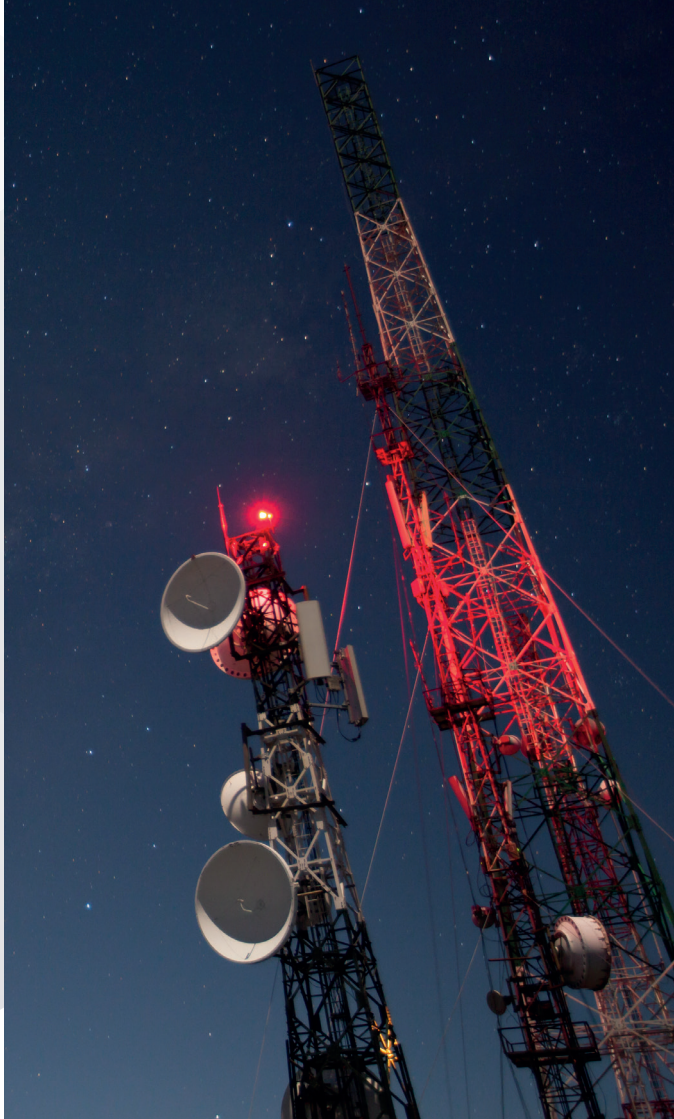
Telecomunication requires lots of antennas located in all kind of areas. From broadcast tower to mobile network. Tall structures in the sky are hard to recognise for pilots. For many of these systems we offer monitoring and notification of the flight authority in case of failure.

Power Generation and Transmission

Lighting on power stations and high-voltage lines is particularly challenging due to electric fields and extreme environmental conditions. Chimneys require resistant materials such as stainless steel flues to withstand corrosive atmospheres and high temperatures. High-voltage power lines must offer solutions that function safely in electromagnetic fields and withstand extreme weather conditions.

Ropeways and Suspension Bridges

Suspension bridges have become a touristic attraction over the last years. Highline 197 in Austria and Todnau Bridge in the Black Forest of germany are examples. Also Ropeways for example both require a expertise in engineering for vibrant resistat mounting and long cable ways.



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