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5 STEPS TO HIGH MAST LIGHTING



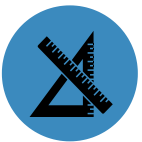
HIGH MAST LIGHTING

High mast lighting is one of the most efficient methods of lighting large areas; however, the right project process is needed for success.

Following years of continuous development, investment, and innovation many say that we are the world leaders in high masts.

Our team has designed and manufactured high mast lighting for clients across the globe for over 50 years, and our experience is unequalled in the number of high masts we have produced and installed in various applications from highways and sports to airports and ports.

Drawing upon our years of experience, we have compiled a simple 5-step process to structure your high mast installation.



1. Understanding the scheme

As a first step, an audit of the site is needed to understand the requirements and assess the risks. Our team is on hand to help. We can then design the foundations and electrical supply, considering ground bearing pressure, terrain category, surface conditions, and environmental factors. We also offer a full lighting design package.



2. Selecting the right equipment

High masts range from 18-60m in height. We offer ease of maintenance through a simple and effective winching system, which allows the lighting ring to be lowered to ground level for lantern maintenance. We can also offer a full high mast lighting design package to suit our clients' requirements. Rest assured we'll help you find the right solution for your project.



3. Installation

Be sure to select a NICEIC, and HERS Approved Contractor.

Our qualified and competent in-house team has many years of experience in the specialist skills required for high mast installation.

We can complete the entire job or the specific steps you need assistance in.

We also offer a global service where we can provide skilled personnel to supervise (and train) local operatives undertaking high mast installation and commissioning.



4. Commissioning

Once complete, you need to make sure that the lighting levels achieve the lux levels predicted within the lighting design. Our team can help.



5. Maintenance

High masts are substantial capital equipment items typically designed to last 25 years, but their normal design life can be extended with the correct maintenance schedule.

The CU Phosco Team takes a proactive approach - we recommend regular checks of the high masts' structural integrity, including the mast shafts, lantern carriages, winches, wire ropes, and foundations, to confirm that they will be safe and operational for extended use.



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