

# 144W LED High Mast Light

This high-power 144W LED high mast light is designed to illuminate large areas. Its robust construction ensures durability and resistance to environmental factors for outdoor use.



## Overview

### High-Efficiency LED High Mast Lighting

This 144W LED high-pole lamp is engineered for large-scale outdoor illumination, offering a stable and energy-efficient lighting solution. Utilizing advanced constant current power technology, it eliminates harmful ultraviolet and infrared radiation while ensuring a long service life. Its robust aluminum construction and IP65 protection rating make it ideal for demanding environments such as airports, railway stations, ports, and sports facilities.

## Optical Performance

### Key Optical Metrics

**144 pcs**

LED Count

**120 lm/W**

Max Efficiency

**50000 hrs**

Lifespan

Color Temperature 4500-5000K

Color Rendering Index 70

## Electrical Parameters

### Power Specifications

Parameter	Value
Input Voltage	AC 220V 50/60Hz
Power Consumption	144W
Power Factor	>0.9
Power Efficiency	e89%

## Physical Specifications

### Dimensions & Weight

- Dimensions: 550mm (L) x 490mm (W) x 142mm (H)
- Weight: 12.13kg
- Material: Aluminum extrusion
- Color: Grey

## Environmental Ratings

Operating Conditions IP65 Rated, -35 to +50 , d95% Humidity

## Applications

### Suitable Environments

City Squares • Airports • Railway Stations • Gymnasiums • Ports • Freight Yards • Parks • Shipbuilding Centers • Flyovers