

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