

## Flicker Free Freeway High Mast Lighting 500W high mast lamp For Highway High Pole

Our Product Introduction

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### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: USHineray
- Certification: RoHS, CE, FCC, LVD
- Model Number: YXR-TL-500W-G
- Minimum Order Quantity: 1pcs
- Payment Terms: T/T, Paypal, Western Union



### Product Specification

- Power: 500W
- Lumen: 65000lm
- Input Voltage(V): AC100-277V
- Warranty(Year): 5-Year
- Light Source: High Brightness LED
- Support Dimmer: Customized
- Applications: Freeway, Tunnel Lighting; Warehouse; High Pole Lighting
- LED Chip: San'an/ Lumileds 3030
- CCT: 2700K-6500K
- Service: DIALux Calculation And Visualization
- Highlight: **freeway high mast lighting ,  
high mast lighting 500w ,  
high mast lamp for highway**



### More Images



## Product Description

Flicker Free 500W freeway high mast lighting for highway high pole illumination

Our Flicker-Free 500W Freeway High Mast Lighting is designed for optimal highway high pole illumination. With advanced LED technology, it ensures bright and consistent lighting, eliminating any flicker. This 500W high mast light provides extensive coverage, enhancing visibility and safety on highways. Built to endure harsh weather conditions, it boasts an IP65 waterproof rating. Easy to install and maintain, this high pole light is the ideal solution for reliable and efficient freeway illumination.

### Product Features

Features a durable bracket for secure and solid mounting.

Non-yellowing optical PC lens with a light transmittance of more than 93%.

Includes a UV-resistant silicone sealing strip for effective waterproofing and reliability.

Achieves 130lm/W luminous efficiency with the 3030 SMD light source.

IP66-rated die-casting modular tunnel floodlights available in sizes from 100W to 1200W.

Equipped with an internal driver box to keep the driver fully enclosed.

Provides adjustable beam angles of 30°, 60°, and 90° for various lighting applications.

Corrosion-resistant with 304 stainless steel screws and a pure aluminum radiator, ensuring less than 10% luminous decay.

Features an intelligent dimming system with 0-10V, DMX, and DALI dimming options.

### Product Parameters

Model	YXR-TL-500W-G
Power	500W
Lumen (lm)	65000
Weight (kg)	10.6
Sizes(mm)	400*515*180
Light Efficiency	130lm/W
CCT	2800-3000K;3000-3200K;4000-4500K;5000-5500K;6000-6500K
CRI	≥70Ra
LED	San'an/Lumileds SMD 3030,120pcs per module
PF	>0.97
Input Voltage	AC100-277V(Moso)
THD	15%<THD<20%
Beam Angle	30/60°/90°/70°140°
Work Temp	-35~+55°C
Humidity	15%~90%RH,no condensing
Finish	Sprayed with outdoor special powder
Life Span	≥50,000 Hrs (LM80@35°C)
IP Grade	IP66
IK Grade	IK08
Body material	PC lens + Aluminum housing
Power Wire	Rubber cable(3*1mm²) L=0.3m
Electronic safety grade	Class I

### Product Details



### Streamlined design of the lamp body

Sheet metal frame, die-casting aluminum radiator, reducing the volume of the lamp body without affecting the heat dissipation, the transportation cost is reduced, and the installation is convenient.



High quality  
chip



Optical lens



IP66



Engineering  
quality



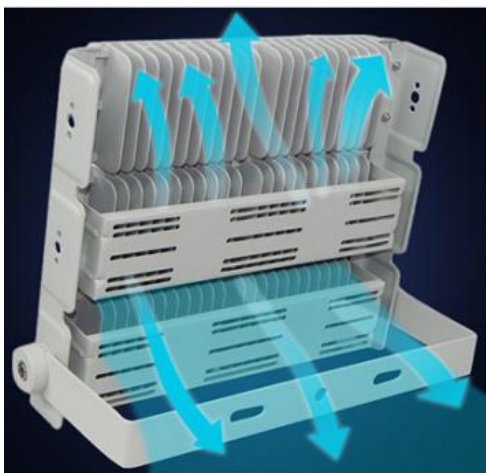
### IP66 Waterproof

Equipped with silicone waterproof ring, integrated waterproof lens. IP66 waterproof and dust-proof, no fear of harsh environment.

### Gear scale design

It is more convenient to adjust and fix the angle, and at the same time, avoid the phenomenon of paint peeling due to friction between the bracket and the lamp body.



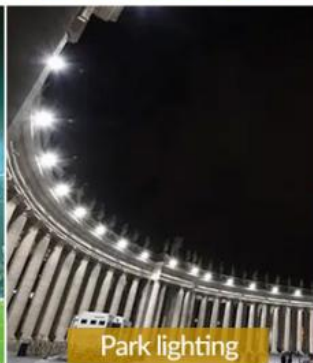
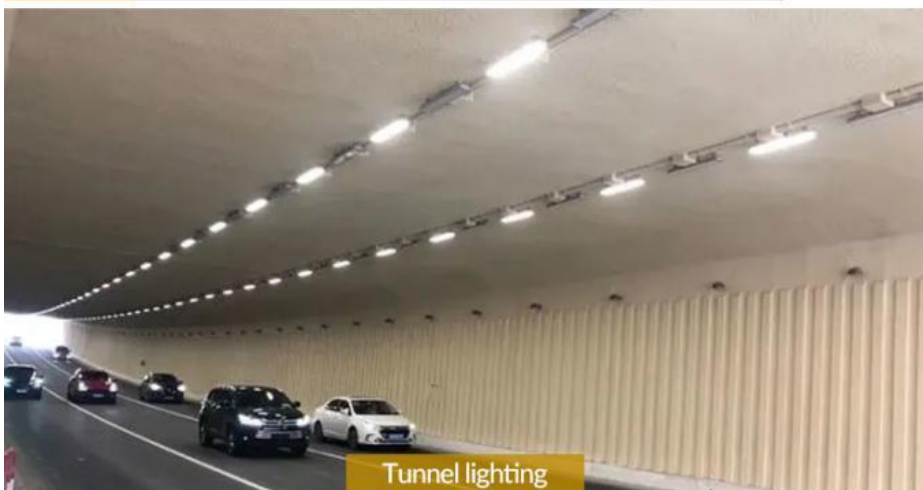


### Die-casting module radiator

The die-casting process module radiator is adopted, the bottom plate is in close contact with the light source, and the air convection air duct ensures stable heat dissipation performance.

## Wide Range Of Applications

**Stadiums /Parks/Tunnels/Squares.**



### FAQ

**Q1. Are you a manufacturer?**

Yes, we have our factory with over 10 years of R&D and manufacturing experience based on ISO quality management since 2011.

**Q2. Do you have any MOQ limit for LED light orders?**

No MOQ, 1pc for sample checking is available.

**Q3. Can I get a lower price for a large quantity of orders?**

Yes, please check with our sales staff for the details.

**Q4. How about the lead time of ordering?**

Our standard sample lead time is 3-5 days, and normal order lead time is 7-10 days. For the large order lead time, please also check with our sales team.

**Q5. Can you provide OEM and ODM services?**

We can provide OEM and ODM products, with customized label designs on the product and carton box. Or customized carton box, and laser print logo on the lamp fixture.

**Q6. What is the payment terms of your formal order?**

We accept payment via TT, Paypal, and Western Union, and we offer EXW, FOB, CIF, and CFR terms.

**Q7. How to deal with the defective?**

All of our products are produced in a strict quality control system, the defective rate is less than 0.2% according to our shipment records. We offer a 3- 5 years warranty for this product, if there is any defective during the warranty, please provide pictures or videos of the working situation of the defective lights, and we will ship the new lights to you within a few days or send it together with your next order.

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