

# LS-12000PE



## 12kW HMI PAR Kit (Lightstar)



### What's Included

- 1 x 12kW HMI PAR Light
- 1 x 6000/12000 Watt Electronic Ballast
- 1 x 15 Meter Heavy Duty Head to Ballast Cable
- 1 x 5 Lens Set
- 1 x Gel Holder
- 1 x Barn Door
- 1 x Yoke

**CHECKED BY**

Ikan is the exclusive distributor of Lightstar products in the United States.

## Safety Precautions

- The fixture has been designed for professional use and must be operated by qualified personnel only.
- Electrical Connections: Do not attach the ballast directly to any electrical mains. The ballast has proper three pin grounded plug that works with a standard AC socket.
- The 6000/12000 Watt Electronic Ballast can only be used with a Lightstar 6000 Watt or 12000 Watt light fixture.
- Before connecting the electronic ballast to the power supply, make sure that the socket is correctly wired.
- Lamp head must be disconnected from the electronic ballast or electronic ballast must be disconnected from main power supply before fitting or replacing a lamp or bulb.
- The electronic ballast must be switched off before connecting or disconnecting wither head to ballast cable or power supply cable.
- The electronic ballast must be placed only on a solid, flat, dry ground. Do NOT place the electronic ballast in direct sunlight. Do NOT operate the electronic ballast in high humidity areas or near easily flammable materials.

## Working Conditions

- The MAX Ambient temperature limit is  $\pm 45^{\circ}\text{C}$  (113°F)
- Please keep a minimum distance of 2 feet when close to inflammable objects.
- Do not cover the ventilation holes on the fixture housing. They necessary for proper ventilation.
- Use only original parts and accessories from Lightstar.
- Before hanging the fixture, make sure the suspension points are properly rated to handle the weight of the fixture. It is ALWAYS advisable to add a safety cable or chain through the yoke to properly suspend the fixture in place.

**WARNING: DO NOT USE THE FIXTURE IN A SPACE WITH FLAMMABLE SUBSTANCES.**

**WARNING: UV RISK/HEALTH RISK. THE LAMPS USED WITH THIS LIGHT EMITS AN AMOUNT OF UV RADIATION WHICH CAN BE DANGEROUS TO HUMAN HEALTH IF NOT PROPERLY SHIELDED AGAINST.**

**THE FIXTURE MUST NEVER BE USED IT SITUATIONS WHEN DIRECT LIGHT EMISSIONS FROM THE LAMP CAN OCCUR. (Ex: No front glass, no intentional mirror, damaged front housing).**

## Ballast Installation Instructions

Connecting a fixture to the ballast and energizing the ballast with power.

- Make sure the ballast and the lamp head fixture is compatible.
- Check that the ballast is appropriate for the AC power that will energize the ballast and fixture. (Voltage & Frequency)
- The ballast needs to be properly grounded and the main power switch is in the OFF position.
- The lamp with proper wattage is fitted into the head fixture.
- Make sure the AC power is not higher than the max power of the ballast.
- The safety glass shield is in good working order with no cracks or anomalies. The safety glass is in the proper position and there is a safety wire guard.

## Periodic Fixture Inspection

- The condition of the internal wiring and ceramic base will need to be inspected and tested every 4000 working hours or at least once a year. This frequency may need to be increased if the fixture has endured rough treatment. All internal components should only be replaced with Lightstar spare parts.
- The lamps should be checked every 100 working hours. The lamp should be changed if the lamp becomes deformed or damaged, otherwise explosion might occur. Defer to instructions provided by the lamp manufacturer.
- Always check the safety shield before every use.
- All high-voltage components (ex: voltage wires, lamp ceramic, external shield, igniter must be inspected every 100 working hours or at least once a year.
- Outer door hinges and latching system must be checked every 250 working hours to ensure proper seating of the safety shield. This will allow inspections of accessories and the holding clamps.
- The condition of the internal mirror must be maintained every 250 working hours. It must be replaced whenever it becomes either cracked or broken. It is essential for the performance of the fixture.

## Specifications

LS-12000PE Fixture Specifications	
Head Type	HMI PAR 12000W
Lens Size	Fresnel 20" Lens
Lamp Base	12000W/160V/G38
Beam Angle	7°-43°
Control/Dimming	50%-100%
Focusing	Knob Controlled
Build Material	Aluminum
Cooling System	Air Cooled
Yoke	Cast Aluminum 1 1/8" Pin
IP Class	IP23
Fixture Weight	37 x 33 x 30 in.
Fixture Size	158 lbs

Electronic Ballast Specifications	
Power Supply	Electronic Ballast 12000/6000W
Input Voltage	180-250VAC
Electronic Ballast Size	16.7 x 10.4 x 20.1 in.
Electronic Ballast Weight	79 lbs

## Optional Accessories

Some other products that work well with the Lightstar Lights available from Ikan include:

**LS-HB15**      Head to Ballast Cable 50' (15m) (Lightstar)

## Learn More

More dynamic information at official website: [www.ikancorp.com](http://www.ikancorp.com)

## Support

Contact email: [support@ikancorp.com](mailto:support@ikancorp.com)

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### CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

#### **Free Service will not be Provided in the Following Situations:(\*Even if the product is still within the warranty period.)**

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.

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