

LHS-001

QUICKSTART GUIDE

650 Watt Tungsten Open Face Light (*Lightstar*)



What's Included

- 1 x 650 Watt Lighting Fixture
- 1 x Barn Doors
- 1 x Yoke
- 1 x 6 Ft Power Cable
- 1 x Safety Screen

CHECKED BY

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Getting to know your LIGHTSTAR Light

The Lightstar LHS-001 (650 Watt) fixtures are intended for professional applications, and are only to be operated by qualified persons. Please read the following operating instructions very carefully before using this fixture. They contain important information on the operation of Lightstar lighting.

For your own safety, please follow all safety instructions and warnings. Please follow the operating instructions of the lamp manufacturers. Please keep these operating instructions for you and subsequent users to reference in the future.

CAUTION: These fixtures use high voltage, before replacing the lamp; disconnect the fixture from its power supply.

WARNING! Lamp may be hot! Allow the lamp to cool down sufficiently before replacing it. Do not switch on the Fixture without a lamp inserted. Do not switch on the fixture without a Fresnel lens, safety mesh and reflector in place.

WARNING! The housing of the fixture can achieve very high temperatures. Do not cover any ventilation slots. Always keep the mains cables away from the hot housing. A risk of overheating or fire can occur if misused. Do not overtax the fixture cables for transport or suspension of fixture. Always remove the lamp from the fixture for transport. Do not operate the fixture if it shows any visible damage.

Mounting the Fixture

Loosen the thumb screw on the yoke. Bring the fixture to the desired position. Tighten thumb screws until it locks in place. Check to ensure the fixture is securely fastened.

If the fixture is being used in a hanging position, be sure to secure the fixture with a safety cable from the mounting pipe or truss. Accessories, not secured with a safety rope must be secured with a safety cable as well. The carrying capacity of the safety rope must be rated at a minimum of 10 times the weight of the fixture system including accessories. Stands must be set up in a stable position and capable of carrying the weight of the fixture including accessories and cables.

Getting the Fixture Operational

USE of the Fixture

The lamp can be turned on by the inline switch on the light. The beam angle can be adjusted by turning the knob clockwise to change light coverage.

Inserting the Lamp

Before replacing the lamp, the fixture must be disconnected from the power supply. Before inserting, visually check the lamp for functionality. Damaged lamps must not be operated. Ensure the lamp is firmly fastened in its socket and the lamp must match the fixtures voltage. Connect the lamp head connector to the power source, and put the cable switch to the ON position.

For the LHS-001 (650W) Light, you will remove the barn doors and the safety screen from the front of the housing. Turn the focus knob to move the lamp holder to the extended position. Push one side of the lamp into the holding pin. It is spring-loaded, so the lamp should insert into one side then insert into the other side of the fixture. Be careful not to over-exert the bulb as it is fragile and may break.

Inserting Accessories

Inserting and exchanging accessories must be carried out from a stable position. Make sure all accessories being used with the LHS-001 are securely locked.

WARNING! Do NOT operate the fixture with closed barn doors! The risk of overheating can occur.

Internal Care Instructions

Please clean the reflector and lens regularly with a customary glass cleaning agent. Please check that the reflector shows no kind of corrosion or damage. Keep the contact surfaces of the electrical connections and lamp holder clean.

Lightstar Disclaimer

The manufacturer disclaims liability for any damage to persons or property caused by inappropriate or misuse of the fixture. Damage of this kind is responsibility of the operator.

Periodic Fixture Inspection

1. 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.
2. The lamp 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 instruction provided by the lamp manufacture.
3. Always check the safety shield before every use.
4. 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).
5. Outer door hinges and latching system must be checked every 250 working hours to insure proper seating of the safety shield. This will allow inspections of accessories and the holding clamps.
6. 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 & Photometrics

LHS-001 Specs	
Head Type	3200K
Rating	120V AC, 50-60 Hz
Light Source	1-650 Watt Bulb
Power Supply	6 Ft Power Cable
Lens	No Lens
Beam Angle	36° - 70°
Cooling System	Air Cooled
Yoke	Cast-Aluminum 1 1/8" Pin
Fixture Size	8 x 10 x 7 In.
Fixture Weight	2 lbs
Build Material	Aluminum
Shipping Dimensions	11 x 9 x 9 In.
Shipping Weight	9 lbs

LHS-001 Photometrics			
No Lens	Distance	2.5m	Beam Angle
Spot	Luminance	1236	36°
	Beam Diameter	3.2 M	
Flood	Luminance	445	70°
	Beam Diameter	7.0 M	

Optional Accessories

Some other products that work well with the LHS-001 available from Ikan include:

HD-STND	Heavy Duty Light Stand
KCP-703	Stage Clamp w/ 16mm Stud
ROLLR-STND10	2-Stage Roller Stand 10ft 6in
SW-04	Safety Wire

Learn More

More dynamic information at official website: www.ikancorp.com

Support

Contact email: support@ikancorp.com

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.