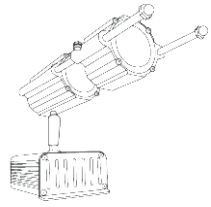


ECO Spot 16™ User Manual

Thank you for choosing an ECO Spot 16™ Gobo projector. This unit is equipped with a 50W halogen light bulb and a high quality and highly efficient projection lens system.

Please read this manual before installing or operating this fixture, follow the safety precautions listed below and observe all warnings.



Package Contents

- ✓ Projector with power cord
- ✓ Test Gobo
- ✓ Spare gobo retaining ring

Safety Information

- This product is not for household use, it presents risks of severe injury or death due to fire and burn hazards, electric shock, lamp explosion and falls.
- This product is designed for indoor use only and should be kept away from moisture.
- Place your fixture at a suitable place with good air flow.
- Keep flammable materials away from the fixture.
- Minimum distance to flammable material = 1 ft (0.3m).
- Minimum distance to illuminated surface = 3.3 ft (1.0m).
- Provide a minimum clearance of 4 in (10cm) around air vents.
- Use only genuine spare parts for part replacement.
- Do not look directly into the lamp; it can result in eye damage.
- Don't touch the hot surface during operation, use gloves if necessary.
- Always unplug the unit from the power mains before any service is done.
- Allow 20 minutes to cool down before servicing the unit.
- Replace Lamps only with the same type other lamps may cause damage.
- Light fixtures should be installed and maintained only by qualified personnel with experience in lighting equipment and general electrical experience.

Electrical Safety

- Disconnect the fixture from AC power before handling the fixture.
- Always ground (earth) the fixture electrically.
- Use only a power source that complies with local building and electrical codes and has both, overload and ground-fault protection.
- Do not use the fixture if the power cable or power plug is in any way damaged, defective or wet, or if they show signs of overheating.

Handling Instructions

- Before the initial start-up, please unpack and carefully check for damage caused during transportation.
- Place your fixture at a suitable place with good air flow.
- Make sure there are no flammable materials close to the lamp.
- When suspending the fixture above ground level, verify that the structure can hold at least 10 times the weight of all installed devices.
- Verify that all external covers and rigging hardware are securely fastened and use an approved means of secondary attachment such as a safety cable.

Lamp Replacement (also refer to Illustration below)

- Unplug the lamp before re-lamping the projector. Let the projector cool down for min. 20 min. Use caution, the housing and light bulb may still be hot.
- Loosen the two screws on the rear of the projector and carefully pull out the lamp module. You may have to slant it in order to clear the screw on the inside.
- Remove the lamp by pulling it out of the socket. Push the new lamp firmly into the socket. Do not touch the glass of the lamp with your fingers.
- Carefully set the lamp holder module back in and tighten the screws.

Gobo Replacement (refer to Illustration below)

The ECO Spot takes metal gobos, glass gobos, and dichroic filters of up to 4 mm total thickness. Please refer to the illustration below.

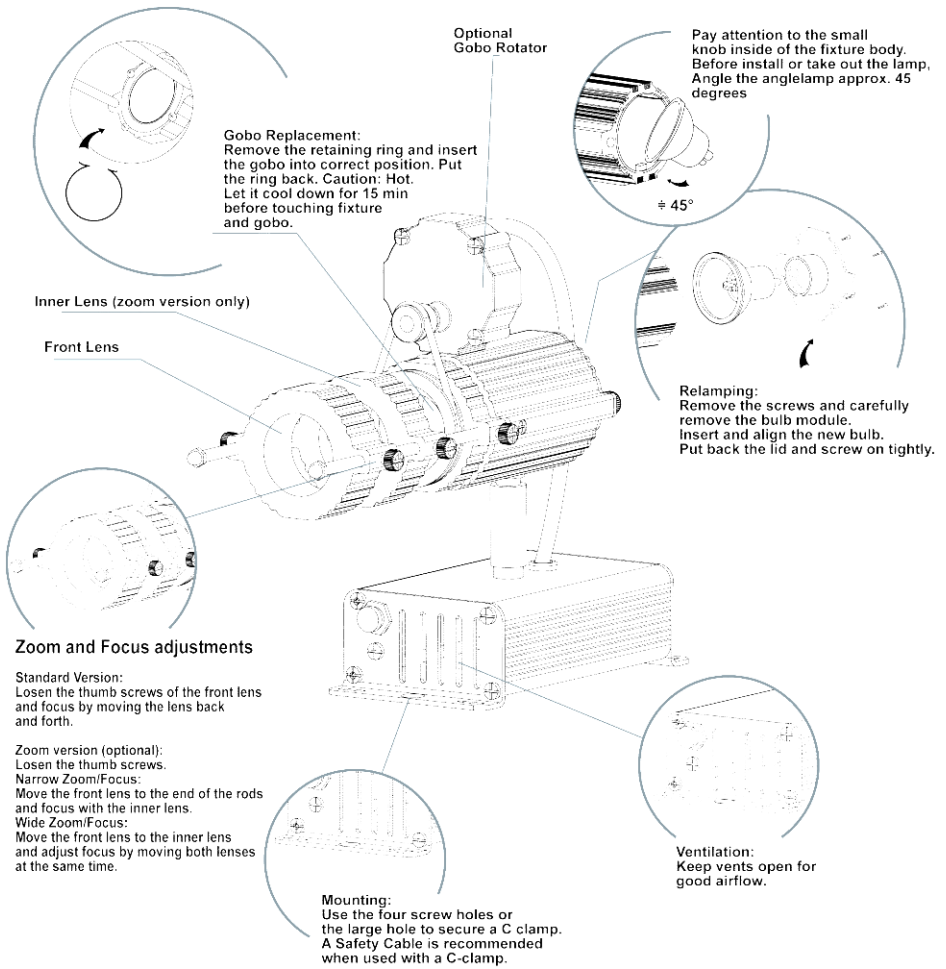
- Move both lens units forward to the end of the rods to expose the gobo.
- Push the two pins of the retaining ring together and pull it out.
- Carefully remove the old gobo.
- If you have a glass gobo, place the most reflective side towards the light bulb.
- Replace the retaining ring and make sure it evenly pushes the gobo all the way back

Warranty

One Year from Date of Purchase

Contact

Globus New Media LLC
Tel 1-888-987-1112 or 1-408-416-4444
Fax 1-408-416-4445
www.globusnewmedia.com



Gobo Replacement:
 Remove the retaining ring and insert the gobo into correct position. Put the ring back. **Caution: Hot.** Let it cool down for 15 min before touching fixture and gobo.

Pay attention to the small knob inside of the fixture body. Before install or take out the lamp. Angle the anglelamp approx. 45 degrees

≈ 45°

Relamping:
 Remove the screws and carefully remove the bulb module. Insert and align the new bulb. Put back the lid and screw on tightly.

Inner Lens (zoom version only)

Front Lens

Zoom and Focus adjustments

Standard Version:
 Loosen the thumb screws of the front lens and focus by moving the lens back and forth.

Zoom version (optional):
 Loosen the thumb screws.
Narrow Zoom/Focus:
 Move the front lens to the end of the rods and focus with the inner lens.
Wide Zoom/Focus:
 Move the front lens to the inner lens and adjust focus by moving both lenses at the same time.

Mounting:
 Use the four screw holes or the large hole to secure a C clamp. A Safety Cable is recommended when used with a C-clamp.

Ventilation:
 Keep vents open for good airflow.

Specifications

Voltage (US Version)

90-130V, 50-60Hz, 0.5A, 55W
Power factor 0.98

International Version

200-240V, 50Hz, 0.2A, 55W

Ambient Operating Temperature

-13 to 104°F (-25 to 40°C)

Gobo Dimensions

Metal or Glass Gobos and Dichroic filters
Outer Diameter (OD): 37.5mm (1.47 in)
Max. Image Diameter (ID): 25mm (1.0 in)
Max Thickness 4mm (0.16 in)

Replacement Lamps

12V 50W MR16 Lamp with narrow beam angle, GU5.1 socket

Recommended Replacement Bulb:
Osram Decostar 51 TITAN
46870 SP 12V 50W 10 degree

Dimensions / Weight

Base 3.4in x 4.8in (87 x 122mm)
Head 9.8in x 3in x 2.4in (250 x 75 x 60mm)
Total height 6.3in (160mm)
Weight 2.2lbs (1kg)

Pan Tilt

