

ECO Spot™ LED40-LE User Manual

Thank you for choosing an ECO Spot™ projector.

This particular model is not a Gobo Projector but a Liquid Effect projector.

Please read this manual before installing or operating this fixture, follow the safety precautions listed below and observe all warnings. This manual covers both, the Interior model LED40-LE and the exterior model LED40E-LE.



WARNING!

Some models are equipped with a voltage selector switch on the back plate of the unit. Select the correct Line Voltage before Operating.

WARNING! (Exterior Model Only)

To prevent damage to the LED, always connect the driver cable to the projector FIRST before plugging it into the power outlet.

Package Contents

- ✓ Projector with power cord
- ✓ External ballast (exterior model LED40E-LE only)

Safety Information

- 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).
- 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 cause eye damage.
- Always unplug the unit from the power mains before any service is done.
- 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.

Warranty

One Year from Date of Purchase. Keep your receipt for reference and contact your dealer in case of warranty issues.

Projection Lens

The projector is equipped with a dedicated wide angle projection lens. Standard ECO Spot Gobo Projector lenses can be utilized but the resulting image size will be much narrower at a given distance. Also the effect and light output may be diminished.

Focusing

- Power up the projector by pressing the power switch in the back.
- Focus the projection to the desired effect by twisting the lens in and out.
- When used for the first time, the lens will often need to be twisted outwards many rotations to reach the focusing point.

Color Wheel

- Turn on the color wheel with the button in the back and keep it running or switch it off once the desired color projects.

Multi-functional Yoke

- The yoke can slide over the whole length of the fixture body to accommodate a wide range of pointing directions.
- The yoke serves as stand.
- The yoke can be screwed to a wall or ceiling or fastened with a C-clamp

Line Voltage

If your model is equipped with a Line Voltage Selector in the back, select the correct line voltage:

US Setting (120V)

90-130V, 50/60Hz, 0.4A, 48W

International Setting (220V)

90-240V, 50/50Hz, 0.4A, 48W

If no Line Voltage Selector is present your model is autosensing:

90-240V, 50/60Hz, 0.4A, 48W

Ambient Operating Temperature

-13 to 104°F (-25 to 40°C)

Dimensions / Weight

Body without yoke:

10.5 x 6 x 3.75in (L x W x H)

(267 x 153 x 95mm)

The projection lens adds 0.5 to 2in (12 to 50mm) to the length.

Height with yoke: 7.75in (197mm)

Weight 7lbs (3kg)

LED Lamp

- Power: 40W
- Rated Bulb life 50,000h
- Color Temperature 5,500k, +/- 500k
- Rated luminous flux: 2,000lm
- Effective luminous flux: 1400lm

Lens Options

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Gobos

This projector does not utilize any gobos.

IP Ratings for Exterior Version

- LED Driver: IP65
- Fixture: equivalent to IP62