

PATHFINDER[®] LUMEN

LED SIGN PROJECTOR



USER GUIDE



DuraLabel

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FLOOR MARKING & WAYFINDING

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SAFETY INFORMATION

General

- Please unpack and carefully check for damage caused during transportation.
- Light fixtures should be installed and maintained only by qualified personnel with experience in lighting equipment and general electrical experience.
- 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.
- 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.

Electrical Safety

- Disconnect the fixture from AC power before handling it.
- 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 or defective, or if they show signs of overheating



INTRODUCTION

Thank you for choosing the LUMEN Sign Projector. This manual covers our LUMEN Sign Projector model. Please read this manual before installing or operating the fixture, follow the safety precautions listed below, and observe all warnings.

Package Contents

- Projector with power cord
- Test Slide
- Spare slide retaining ring
- Mounting hardware for yoke



Yoke

- The projector comes with a yoke that may not have been previously attached. Attach it to the projector by using the provided mounting screws

PROJECTION LENSES

The projector accommodates interchangeable projection lenses to allow optimizing the projection size and resulting brightness at varying distances. The narrower the lens, the smaller and brighter the image will be at a given distance.

When replacing lenses, ensure to also move the lock ring and silicone seal O-ring to the new lens. Additional lenses can be purchased on a custom item basis.

Focusing

- Power up the projector.
- Focus the projection by twisting the lens in and out until the image is well focused. When used for the first time, the projection lens will often need to be twisted outwards many rotations to reach the focusing point.
- When done, secure the lens by tightening the lock ring. If used in wet environments, check that there is a silicone O-ring seal between lock ring and lens tube and between lens tube and projector.

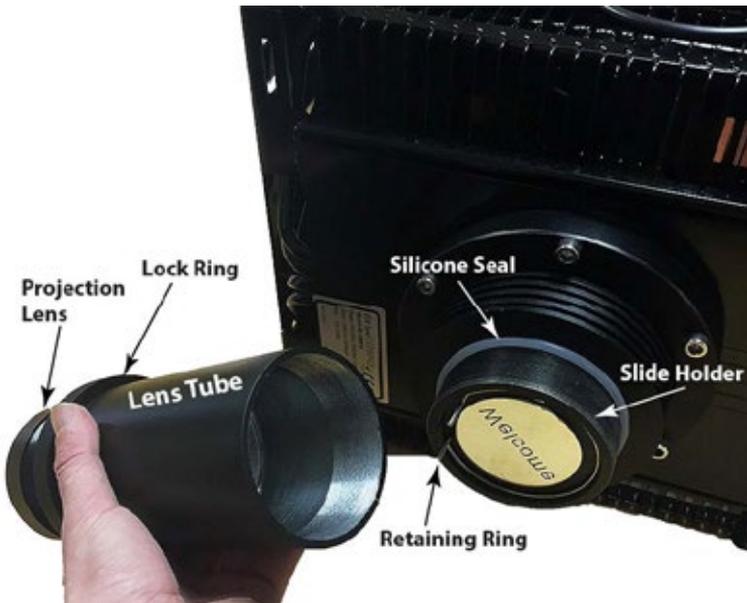
SLIDE PLACEMENT AND ADJUSTMENT

The projector is equipped with an integrated slide holder, which is accessible after removing the lens tube (not just the projection lens).

- Unscrew the lens tube with the lens inside to expose the slide holder.
- Squeeze the two pins of the slide retaining ring together and pull it out of the holder. If a slide is already inside, carefully remove it and put in the new slide.
- If you have a glass slide, place the more reflective side towards the LED.
- Replace the retaining so that it evenly pushes the slide all the way back.
- Mount the lens tube and adjust the focus as needed. Refer to “Focusing”.

If the projected image requires exact rotational positioning:

- Before screwing the lens tube back on all the way, check the projected image.
- Twist the lens tube in just a little and turn on the projector.
- If the projected image with the lens tube in this position is too fuzzy, improve its focus by twisting the projection lens in clockwise.
- Check the position of the projected image. If the gobo needs to be rotated, take the lens tube off and twist the slide holder (with the slide inside).
- Once the slide has been adjusted, mount the lens tube by screwing it in hand tight until it compresses the silicone seal.
- Finally adjust the focus as needed. Refer to “Focusing”.



SPECIFICATIONS

Projected Sign Width:	Up to 13'
Operating Temperature:	-22F to 140F (-30C to 60C)
LED Bulb Life:	30,000 hours
Input Voltage Range:	100-240V/277VAC, 50/60Hz
Housing:	Aluminum
Weight:	21 lbs

WARRANTY

One year from Date of Purchase. Keep your receipt for reference and contact Graphic Products in case of warranty issues.

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