Heavy Duty 200W & 300W LED Sign Projector

Installation, Operation & Technical Guide



Package Contents

- LED Sign Projector
- Optical Lens
- Power Cord
- Mounting Bracket
- Safety Cable
- Installation Guide

GOBO lenses are sold separately.

Product Description

The AccuformNMC Heavy Duty 200W and 300W LED Sign Projectors are designed for projecting high-visibility safety messages demanding industrial environments.

The fanless, passive cooling design eliminates the need for internal cooling fans, making these projectors ideal for hot, dusty, and dirty environments where traditional fan-cooled projectors may require additional maintenance.

Projectors utilize interchangeable optical lenses to optimize image size and brightness for various mounting heights and projection distances. Projected images are created using interchangeable glass GOBO lenses, available in standard designs or custom artwork.

To order a custom GOBO lens, submit vector artwork or a high-resolution image (300 dpi minimum) to customerservice@accuformnmc.com.

Safety Information

- Suitable for indoor and outdoor use (IP65 rated).
- Disconnect power before installing, servicing, or replacing lenses.
- Avoid direct eye exposure to the LED light source during operation.
- Install only on a properly grounded electrical circuit that complies with local electrical codes.
- Allow the projector to cool before servicing, as components may become hot during operation.
- Maintain adequate clearance around the heat sink to ensure proper passive cooling.
- Always secure the projector with an appropriately rated safety cable.

GOBO Lens Specifications

- M-Size GOBO Lens
- Outside Diameter (OD): 66 mm
- Image Diameter (ID): Up to 48 mm
- Maximum Thickness: 3 mm

GOBO Lens Installation & Replacement

Step 1

Turn the projector OFF, disconnect power, and allow the unit to cool.



Step 2

Remove the screws securing the front faceplate and carefully remove the faceplate to access the GOBO lens.



Step 3

Carefully squeeze the retaining clip together and remove it.

CAUTION: The retaining clip is spring-loaded and may release unexpectedly. Use care during removal and installation.



Step 4

Remove the existing GOBO lens.

Install the replacement GOBO lens with the image facing downward (reversed) toward the light source.

For glass GOBO lenses, install the reflective (silver) side toward the light source.



Step 5

Reinstall the retaining clip, ensuring it evenly secures the GOBO lens.



Step 6

Reinstall the front faceplate and tighten all screws securely.

Adjusting Image Focus

Rotate the optical lens clockwise or counterclockwise until the projected image is in focus.

Once the image is properly focused, tighten the lock ring until the rubber gasket is lightly compressed.

GOBO Rotation

Press the button located on the side of the projector to turn the GOBO rotation feature ON or OFF.

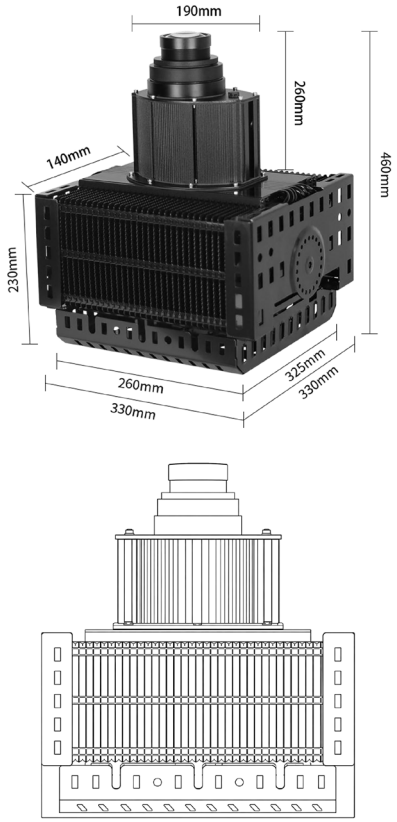
This feature can also be used to position the projected image in the desired orientation. Allow the image to rotate until it reaches the preferred position, then press the button again to stop the rotation.



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Projector Specifications

Specification	200W HD	300W HD
Input Voltage	100–277 VAC	100–277 VAC
Rated Frequency	50/60 Hz	50/60 Hz
Power Consumption	200 W	300 W
Current Draw (120 VAC)	1.70 A	2.55 A
Cooling Method	Passive (Fanless)	Passive (Fanless)
IP Rating	IP65	IP65
LED Life	Up to 50,000 hours	Up to 50,000 hours
Color Temperature	6000–6500 K	6000–6500 K
Theoretical Luminous Output	24,000 lm	36,000 lm
Available Optical Lens Angles	13°, 20°, 25°, 30°, 47°, 60°	13°, 20°, 25°, 30°, 47°, 60°
Operating Temperature	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F -40°C to 60°C)
Weight	19 lb	22 lb
Country of Origin	China	China



Maintenance

Periodically inspect the projector for dust and debris accumulation.

In dusty environments, clean the exterior and heat sink fins using clean, dry compressed air.

To clean the optical lens, use only a clean microfiber cloth. Do not use paper towels, abrasive materials, or chemical cleaners, as they may damage the lens surface.

Warranty

AccuformNMC warrants its Heavy Duty LED Sign Projectors to be free from defects in materials and workmanship for a period of **five (5) years** from the date of original purchase. This warranty extends only to the original end-user purchaser.

For warranty service or additional information, contact AccuformNMC Customer Service:

Phone: 800-237-1001

Email: customerservice@accuformnmc.com

Website: www.accuformNMC.com