100W & 200W LED Line Projector

Installation, Operation & Technical Guide



Package Contents

- LED Line Projector
- Mounting Bracket
- Power Cord
- Safety Cable
- Line Limiter(s)
- Installation Guide

Product Description

The AccuformNMC 100W and 200W LED Line Projectors are designed to project bright, highly visible safety lines for pedestrian walkways, forklift lanes, work zones, and hazardous areas.

The projected line length is determined by the projector's optical lens and mounting height. Line limiters are included and can be installed to shorten the projected line or create cleaner line ends for specific applications.

Available laser colors include:

Yellow | Red | Green | Blue | White

Safety Information

- Disconnect power before installing or servicing the projector .
- 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 handling .
- Maintain adequate airflow around the projector during operation.
- Keep flammable materials away from the projector .
- Always secure the projector with an appropriately rated safety cable.
- Inspect the power cord before use. Do not operate the projector if the cord or plug is damaged.

Mounting

Mount the projector securely using the supplied mounting bracket.

For best performance:

- Mount the projector perpendicular to the desired projection surface whenever possible.
- Center the projector above the projected line .
- Adjust the mounting bracket to achieve the desired projection angle.

Line Length

The projected line length depends on both the mounting height and the installed optical lens.

- Higher mounting heights produce longer projected lines .
- Narrower optical lenses produce shorter, brighter lines .
- Wider optical lenses produce longer projected lines .

Available optical lens options include:

Optical Lens	Approximate Line Length
55°	1X Mounting Height
75°	1.5X Mounting Height
90°	2X Mounting Height

Line Limiter Installation

Line limiters are included to shorten the projected line or create cleaner line ends.

Installation

1. Remove the mounting screws from each side of the projector .
2. Position the supplied plastic washers between the projector housing and the line limiter.
3. Install the line limiter using the supplied hardware .
4. Adjust the line length by bending the line limiter inward or outward as needed.

Note: The minimum achievable line length is approximately 30% of the maximum projected line length.

Adjusting Focus

Rotate the optical lens clockwise or counterclockwise until the projected line is sharp and clearly defined.

When the projector is first installed, several rotations of the optical lens may be required to achieve proper focus.

Maintenance

Periodically inspect the projector for dust and debris accumulation.

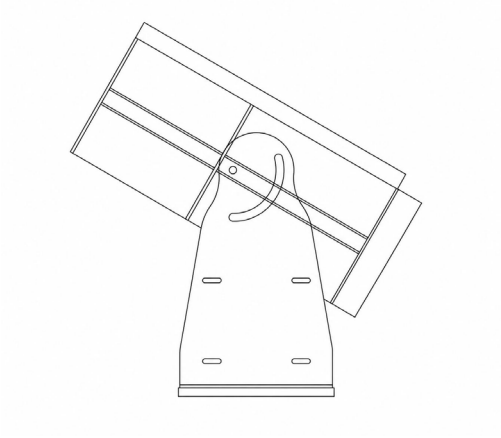
In dusty environments, clean the projector using clean, dry compressed air.

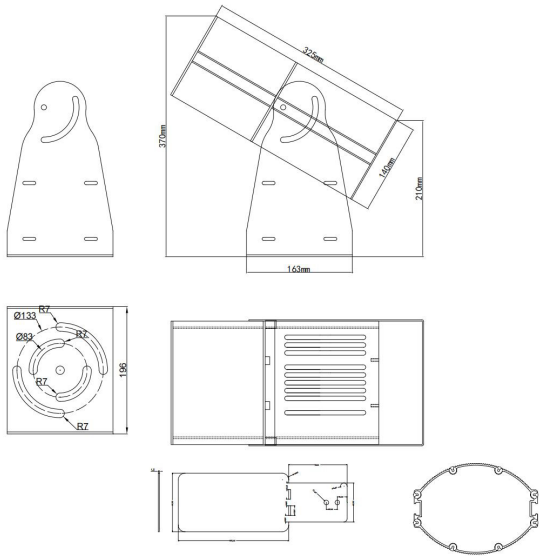
To clean the optical lens, use only a clean microfiber cloth. Do not use paper towels, abrasive materials, or chemical cleaners.

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Projector Specifications

Specification	100W	200W
Input Voltage	100–240 VAC	100–240 VAC
Power Consumption	100 W	200 W
Current Draw (120 VAC)	0.85 A	1.70 A
Projection Type	Line	Line
IP Rating	IP40	IP40
LED Life	Up to 50,000 Hours	Up to 50,000 Hours
Operating Temperature	-4°F to 122°F (-20°C to +50°C)	-4°F to 122°F (-20°C to +50°C)
Luminous Output	15,000 lm	20,000 lm
Best Installation Height	9.8–23 ft (3–7 m)	16.4–32.8 ft (5–10 m)
Available Colors	Yellow, Red, Green, Blue, White	Yellow, Red, Green, Blue, White
Optical Lens Options	55° (1X), 75° (1.5X), 90° (2X)	55° (1X), 75° (1.5X), 90° (2X)
Weight	8.8 lb (4 kg)	22 lb (10 kg)
Country of Origin	China	China





Warranty

AccuformNMC warrants its LED Line 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

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