

MLS-AT-30LED-1 or 2 Projector & Recessed Housings

Description:

Merlin Light ® Precision optical framing projector

Includes:

IC/AT Housing, Flush Ceiling Access Panel, Scoop Cover Plate, 30 Watt LED Projector, and Gimbal Mounting

Dimensions:

12.5" Wide x 11.5" Tall x 27" Length

Available Versions:

Ceiling Finish **Version 1**

10" Round Flush Removable Access Cover

Ceiling Finish **Version 2**

12" Round Overlap Removable Access Cover

SPECIFICATIONS

Catalog #:

MLS-AT-30LED-1 or 2

Rating:

Insulation Contact and Airtight rated per UL 1598 and ASTM E283-04

Mounting | Lens

- Gimbal Mount and strap
- Objective lens (*selected by installation technician*)

Housing & Projector:

- 20 Gauge, powder coated, steel*
- 30 Watt LED 3000k
- Heat Sink, Active Cooling and Built-in Reflector.
- 120/277 VAC dimmable phase and 0-10 volt connectivity
- Available dichroic filters - 2700, 3500

*Installed by qualified electrician

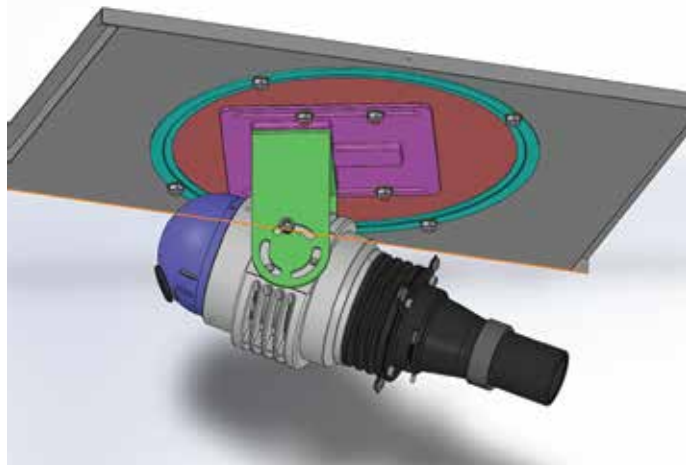
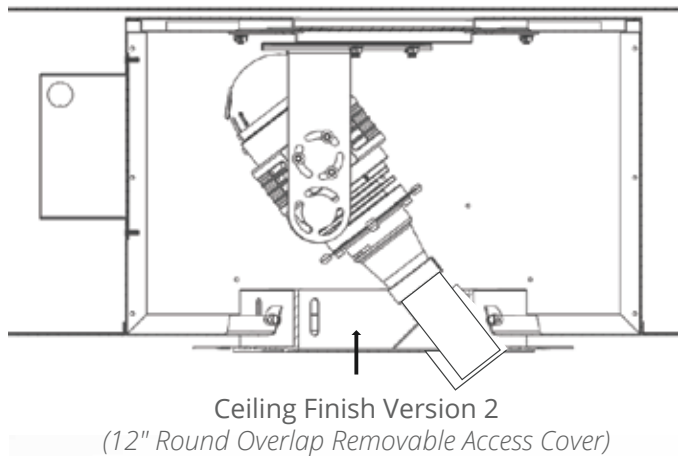
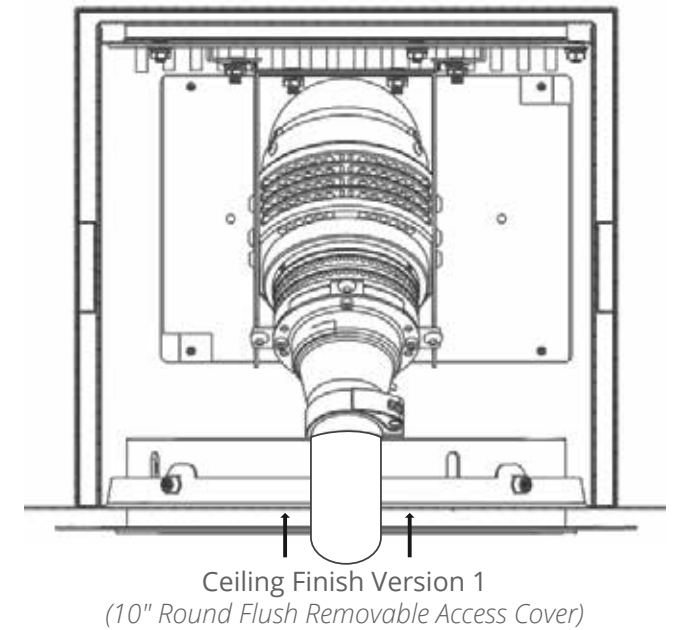
*Orientate driver box toward Art Work

Technical Details:

Cast aluminum body with black anodized finish. Projector will be supplied and installed by a GlennCo Inc. or factory certified technician. Installer will make final installation and confinement on art object being illuminated.

Factory Rep:

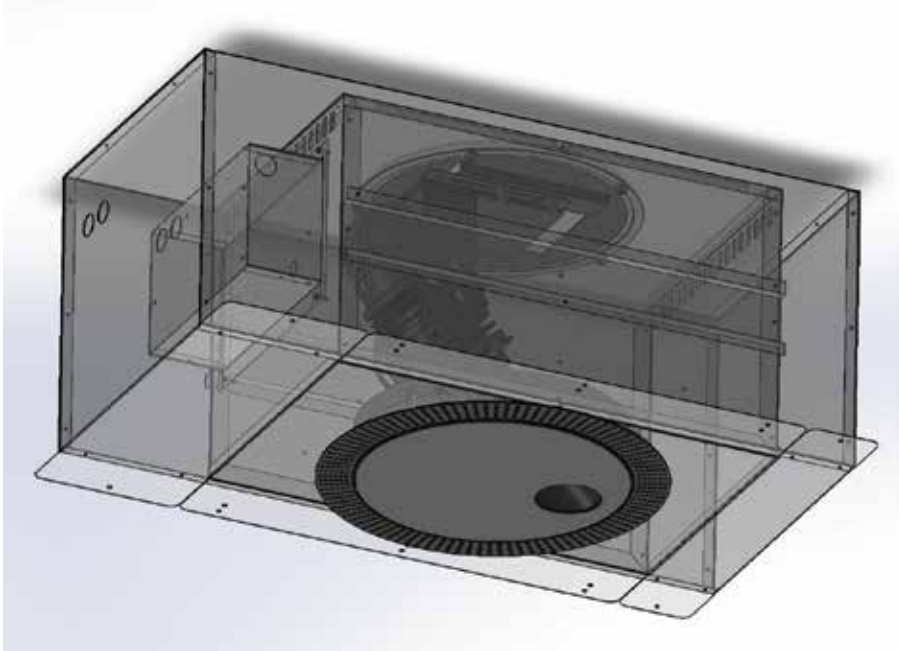
Certified Tech:



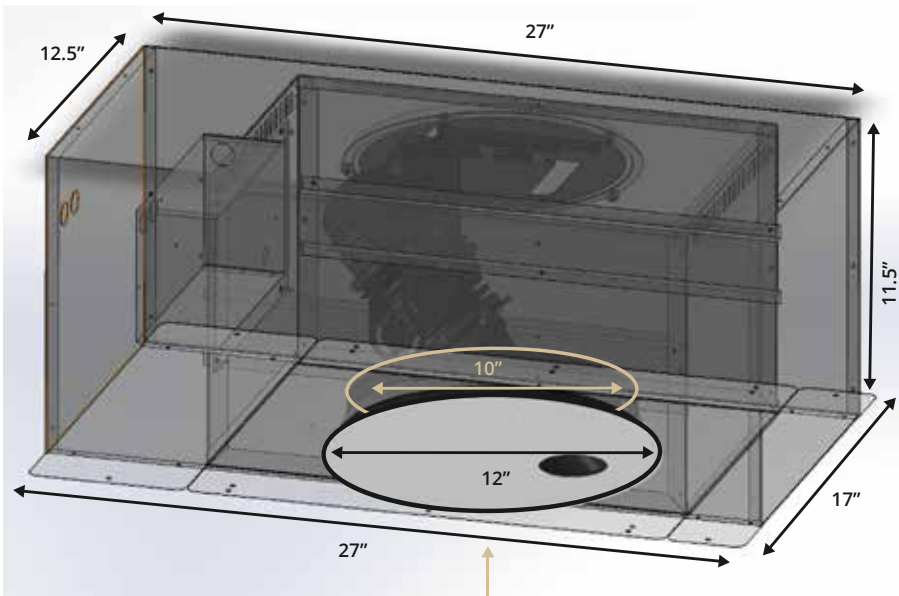
Merlin Lights, See the Magic®

MLS-AT-30LED-1 or 2 Projector & Recessed Housings

Ceiling Finish Version 1 (10" Round Flush Removable Access Cover)



Ceiling Finish Version 2 (12" Round Overlap Removable Access Cover)



Flangeless Mud-In Adjustable Collar for flush ceiling applications. Note: remove Collar, Drywall, Cut Out 10" Opening. Install Collar, Adjust Tight to Drywall. Float Mud to 10" bead, Keep inside bead clean to accept Flush Cover Plate. Paint to match Ceiling Color.

Installation Steps

- (1) Recessed Housings are design to fit between 16" on Center Ceiling Framing with minimum joist depth of 2X12".
- (2) Housing can orient North or South or East or West to the Art Piece being Illuminated. The actual projector light and ceiling cover plate can rotate 360 degrees.
- (3) Ceiling Height, Art Placement on Wall or Floor Sculpture Locations and their dimensions are critical to the housing placement within the framing. Verify with the automated factory dimension calculator and double check with the Factory for optimum performance.
- (4) Verify with the calculator your selections of the appropriate Merlin Light performance needs in Footcandle, Lumen and Lux output based on distance, art sizing and objective lens selections for optimum viewing.
- (5) Once the locations and final selection has been verified, Slide the housing in from below within the framing and tightly secure with 1-1/4" countersunk head screws through the housing flange. Screw holes provided in the flange.
- (6) Drywall ceiling application- Adjustable Mudring is included per specification. Remove from housing, cut drywall to the round 10-1/4" opening and reinstall the Mudring lapping the drywall edges and float to the outside bead keeping the inside bead clean for accepting the flush cover plate. Paint to Match ceiling and install the cover plate with safety cable and aperture orientation towards are to be illuminated
- (7) Wood ceiling application- Adjustable Wood Collar is included per specification. Lower the ring to the exact depth of the finished wood ceiling. Cut the wood planking tight to the round 10-1/4" opening. The cover plate is 12" od and will overlap the wood ceiling. Paint to Match ceiling and install the cover plate with safety cable and aperture orientation towards are to be illuminated
- (*) Actual projector commissioning and final adjustments to the installed artwork is by factory certified technicians.