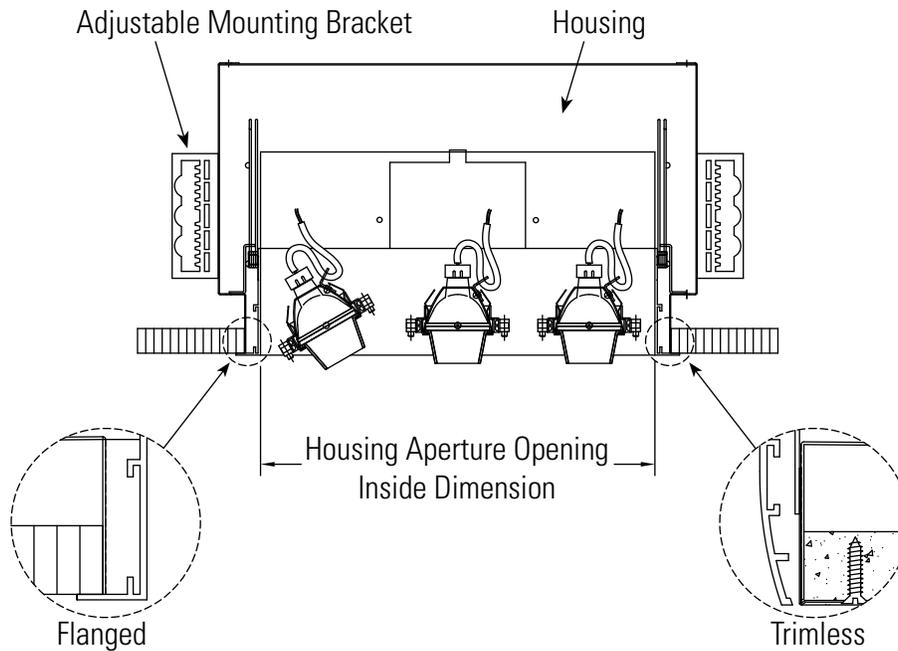


READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE PROCEEDING.
RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

This fixture is intended for installation in accordance with the National Electrical Code and local regulations. To assure full compliance with local codes and regulations, check with your local electrical inspector before installation. To prevent electrical shock, turn off electricity at electrical panel before proceeding.

DO NOT INSTALL THIS SYSTEM IN A WET LOCATION.
CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY REINFORCING CEILING TO SUPPORT FIXTURE WEIGHT.



Warning for All Fixtures

Use only aperture frames and accessories provided by Lightolier Inc. Use of other manufacturers' aperture frames and accessories voids the Underwriters Laboratories Listing and could constitute a fire hazard.

Caution: Risk of Fire

Use proper lamp wattages with corresponding ballast wattages. Check ballast module wattage label to confirm wattage.

Caution: Risk of Burn

Allow time for luminaire to cool before attempting to relamp or position.

Caution: Risk of Burn and Electrical Shock

Turn off power to Ballast Module before servicing. All PowerArc Modular Ballasts are equipped with a power switch. Depressing Dot on Switch is the "ON" position. (See IS:83B)

Note:

1. Low voltage fixtures may produce audible sound when used with dimmers, which maybe objectionable in acoustically critical areas.
2. For HID Fixtures - HID lamps require a warm-up period of 5-10 minutes to reach full output. Additionally, when these lamps are extinguished they must cool for 5-15 minutes before they will relight. Outage can be caused by momentary power failure, substantial voltage reduction or cycle changes.

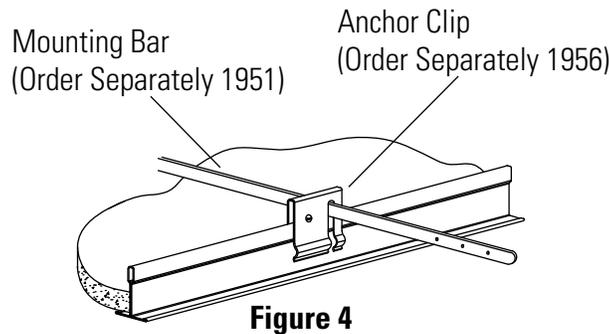
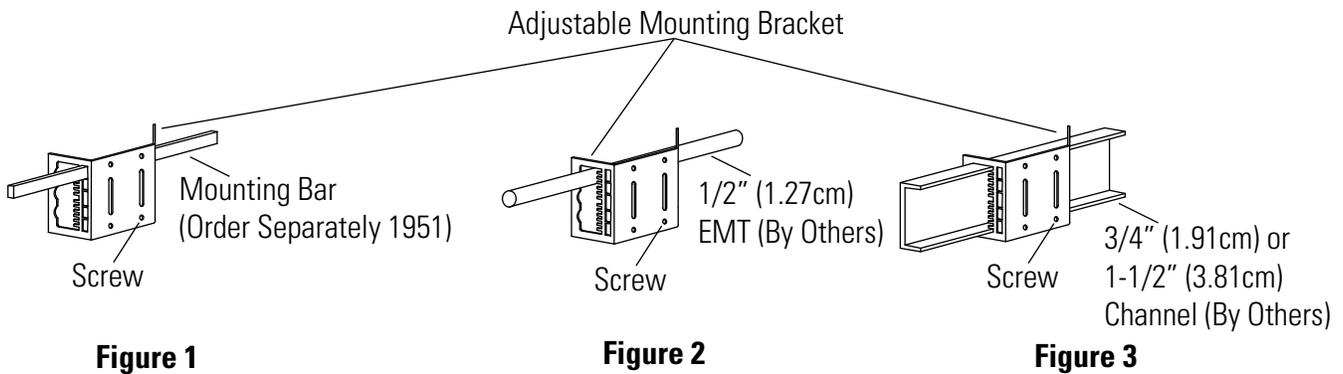
Warning for MR16 Fixtures Only

Lamp manufacturers require the glass lamp guard be in place before energizing lamp, and that great care must be taken that lamp is fully cooled before relamping. Avoid finger marks on inside of lamp for they may cause short lamp life and possible breakage.

FRAME-IN AND WIRE

Step 1. Install Housing using Adjustable Mounting Brackets

- A. Fixture must be secured to structural ceiling members. If no ceiling access available, fixtures must be installed before ceiling material.
- B. With Mounting Bar (Lightolier Cat. No. 1951) use rectangular slots. (Fig. 1)
- C. With 1/2" (1.27cm) EMT (by others). (Fig. 2)
- D. With 3/4" (1.91cm) or 1-1/2" (3.81cm) Channel (by others). (Fig. 3)
- E. For Suspended T-Bar Ceilings, use Lightolier Cat. No. 1956 to secure 1951 Mounting Bars to ceiling runners. (Fig. 4)
- F. To install with hanging wires (by others), consult installation from hanging wire manufacturer.



Step 2. Connect Supply Leads

White fixture lead to neutral (white) supply, black fixture lead to hot supply lead, bare fixture wire to supply ground. Use wire nuts for all connections (local hardware items).

Step 3.

Place all electrical connections in J-Box attached to side of fixture.

Step 4.

Attach J-Box Cover onto J-Box attached to side of fixture.

ADJUST HOUSING

Flanged Aperture Frame

Adjust Housing at Mounting Brackets so that bottom edge is flush with finished ceiling as shown. (Fig. 5)

Trimless Aperture Frame

- Adjust Housing so bottom edge is flush with or above Finished Ceiling. (Fig. 6)
- Insert Plaster Frame into Housing Aperture Opening and secure with (6) mounting screws while pushing Plaster Frame against ceiling. (Fig. 7)
- Screw Plaster Frame to ceiling and spackle to edge of plaster frame. (Fig. 8)

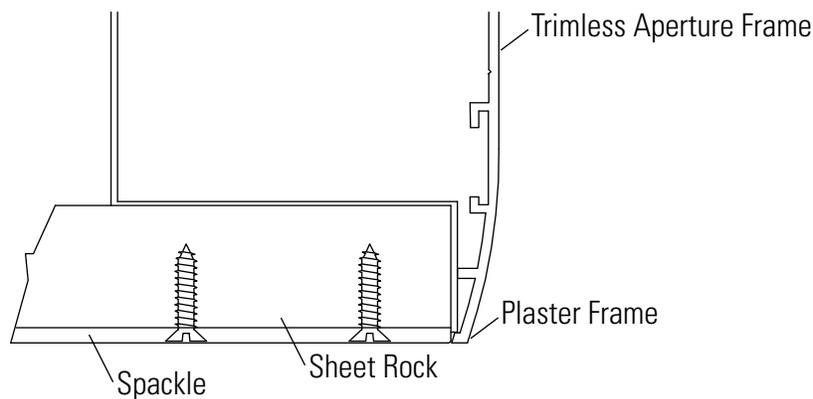
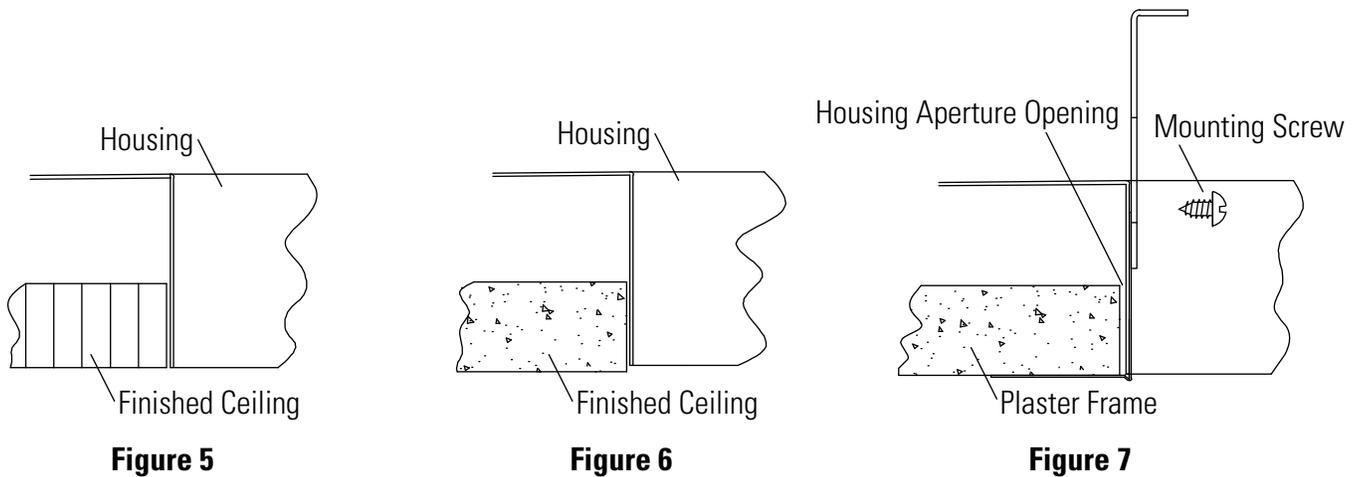


Figure 8

INSTALL APERTURE FRAME

Step 1. Aperture Frame Installation

- A. MR16
 - a. Insert Plug Connectors from sockets into receptacles on inside wall of housing.
 - b. Connectors are polarized and therefore may only be inserted in one direction.
 - c. Make sure connectors snap firmly into space. (Fig. 9)

Step 2.

- A. Hook tortiontite Springs into slots of housing.
- B. Push Aperture Frame upward. (Fig. 10)

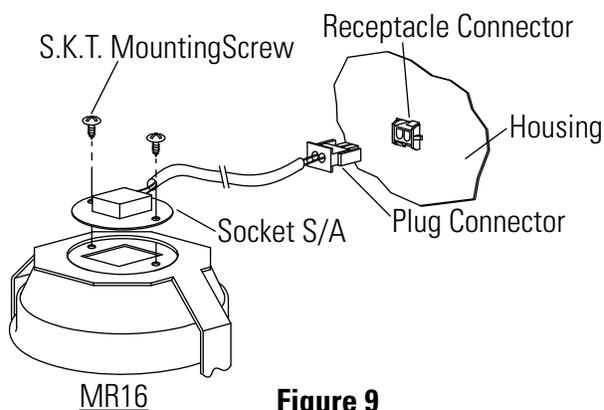


Figure 9

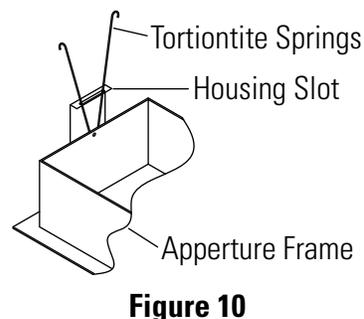


Figure 10

INSTALL LAMP AND ACCESSORIES

Step 1. Remove Media Cartridge with counter-clockwise motion.

Step 2. Install Lamp

- A. Any combination of two accessories may be used to install into media cartridge and secure with spring.
- B. One accessory must be glass.
- C. Install Media Cartridge onto Adjustable Ring.

Cat. No.	Aperture Housing Opening		Electrical Ratings
	Length	Width	Input Amps
PS1M16	5" (12.70cm)	5" (12.70cm)	.75
PS2M16	10" (25.40cm)	5" (12.70cm)	1.5
PS3M16	15" (38.10cm)	5" (12.70cm)	2.25
PS4M16	20" (50.80cm)	5" (12.70cm)	3

CAUTION: Turn power off before lamping fixture. Wait until fixture is cool before touching.

ADJUSTING AND LOCKING OF AIMING ANGLE

Insert 7/64" allen key into cap screw and turn counter-clockwise to unlock head and gimbel ring assembly. Aim beam angle of lamp towards desired direction and turn cap screw clockwise to lock.



Head and gimbel ring assembly

Widthwise Locking

Insert allen key into opening of lever and gently move allen key in a counter-clockwise arc to unlock lengthwise aiming direction.

Aim beam angle towards desired direction and gently move lever in clockwise direction to lock aiming angle.



Locking Pin

Lengthwise Locking