

# IS:C3MR CALCULITE EVOLUTION

## READ AND UNDERSTAND THESE INSTRUCTIONS BEFORE INSTALLING LUMINAIRE

This luminaire 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 electric shock, turn off electricity at fuse box before proceeding.

Retain these instructions for maintenance reference.

## INSTALLATION PROCEDURE FOR CALCULITE EVOLUTION & HID TRIMS:

**CAUTION: USE ONLY REFLECTOR TRIMS PROVIDED BY LIGHTOLIER. USE OF OTHER MANUFACTURER'S REFLECTORS TRIMS MAY VOID THE UNDERWRITERS LABORATORIES LISTING AND COULD CONSTITUTE A FIRE HAZARD.**

### 1. MAKE SURE THAT POWER TO THE LUMINAIRE IS OFF.

2. Remove TRIM FACEPLATE from TRIM BODY by compressing TORSION SPRING. *Fig. 1*

3. Select proper LAMP & LAMP HOLDER for application.

#### A. LAMPING: LOW VOLTAGE MR-16

**\* Use (LENSED) lamp holder that ships with the trim \***

1.) Insert MR-16 LAMP between LAMP SPRINGS until face of LAMP sits firmly on GLASS LAMP GUARD. *Fig. 2*

2.) Attach LAMPHOLDER ASSEMBLY to bi-pin prongs on MR-16 LAMP *Fig. 3*

3.) Push assembled MR-16 LAMP and LAMPHOLDER ASSEMBLY into YOKE until LAMP SPRINGS engage the YOKE and are secured in place.

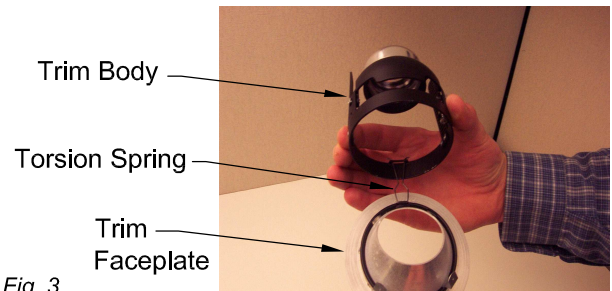


Fig.1

#### INCANDESCENT LAMPS

**CAUTION! RISK OF FIRE. GLASS LAMP GUARD MUST BE INSTALLED.** Lamp manufactures require the glass lamp guard be in place before energizing lamp, and that great care must be taken that lamp is fully cooled before re-lamping. Avoid finger marks on the inside of the lamp, as it may shorten lamp life or cause breakage.

#### B. B2 LAMPING: HID MR-16

**\* Use (NON-LENSED) lamp holder that ships with frame \***

1.) Insert HID MR-16 LAMP between LAMP SPRINGS. LAMP will click once in place. **DO NOT** force lamp into the bottom of lamp holder. There will be a " gap " between front of the lamp and the bottom of the lamp holder. If lamp is pushed in too far, lamp holder will not fit in the trim. If this happens, remove lamp and re-insert until it clicks into place.

2.) Attach LAMPHOLDER ASSEMBLY to bi-pin prongs on MR-16 HID LAMP. *Fig. 3*

3.) Push assembled MR-16 LAMP and LAMPHOLDER ASSEMBLY into YOKE until LAMP SPRINGS engage the YOKE and are secured in place.

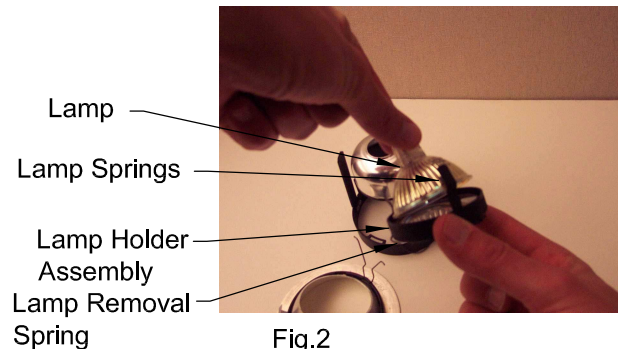


Fig.2

Socket

Thick Ceiling  
Ready Brackets

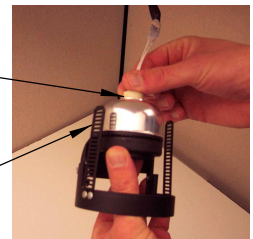


Fig.3

#### HID LAMPS

**CAUTION! USE ONLY LAMPS WITH GLASS GUARD PROVIDED BY MANUFACTURER**

Prior to installing your LIGHTOLIER TRIM, the horizontal rotation can be preset within the luminaire. Note the BEAM CENTERING NOTCH *Fig. 4* allows the installer to predetermine the direction the lamp will point to illuminate a wall or object of interest (not applicable to downlight trims). Once the notch is aligned with the object of interest, simply tighten the ROTATIONAL BRAKE SCREW until the spring is fully compressed *Fig. 5*

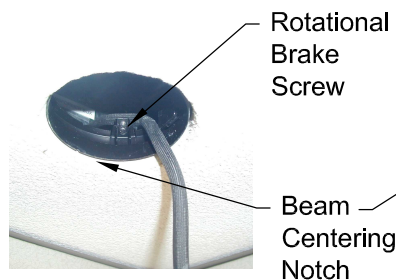


Fig.4



Fig.5

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## INSTALLATION PROCEDURE FOR CALCULITE EVOLUTION & HID TRIMS:

4. Ensure the two SECURING CLIPS are in the disengaged position. *Fig. 1 on pg. 2*. Align the two THICK CEILING READY BRACKETS with the SECURING CLIPS and insert TRIM BODY up until the bottom of TRIM BODY is flush or slightly recessed from bottom of ceiling plane. Properly engage SECURING CLIPS by pushing them into THICK CEILING READY BRACKETS. *Fig's 2 & 3 on pg. 2*

5. Install TRIM FACEPLATE by compressing TORSION SPRING into corresponding detail of TRIM BODY then pushing TRIM FACEPLATE up flush to ceiling. *Fig's 4 & 5*

### TRIM MAINTENANCE

**RELAMPING** - Make sure that power to luminaire is OFF.

To relamp, simply swing TRIM FACEPLATE down allowing TORSION SPRING to hold in place. Pull down on LAMP REMOVAL SPRINGS. Disconnect LAMP from LAMP SPRINGS and SOCKET. Install new LAMP following steps on page 1.

**CARE OF ALZAK REFLECTOR** - Wipe with a soft, clean, dry, lint-free cloth, or wipe with a soft clean cloth dampened in mild detergent solution, then rinse and dry with a lint-free soft cloth.

Secure Clips in the disengaged position

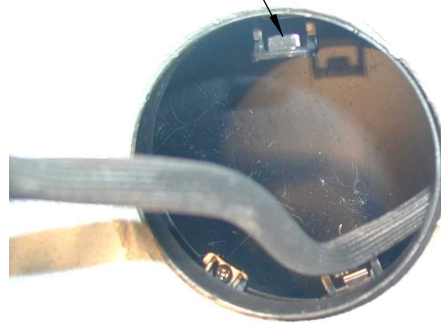


Fig.1

Engage Clip

Trim Body Flush or slightly recessed

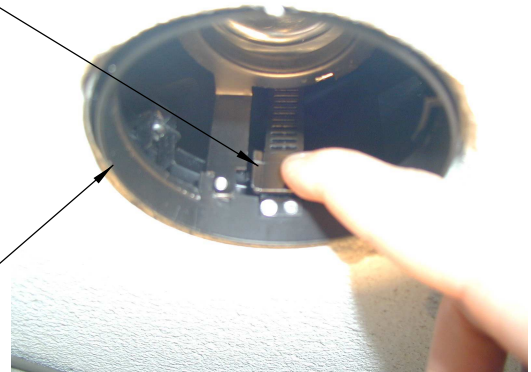


Fig.3



Fig.2  
Insert Trim Body



Fig.4



Fig.5



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