

INSTALLATION INSTRUCTION

ALPINE RPS 2IN MULTIPLES

A2RF, A3RF



SAFETY INSTRUCTION

IMPORTANT: NEVER attempt any work without shutting off the electricity.

- Read all instructions before installing.
- System is intended for installation by a qualified electrician in accordance with the National Electrical Code and local regulations.
- Go to the main fuse box, or circuit breaker. Place the main power switch in the "OFF" position and unscrew the fuse(s) or switch "OFF" the circuit breaker switch(es) that control the power to the fixture or room that you are working on.
- Place the wall switch in the "OFF" position.

AVERTISSEMENT

IMPORTANT : Coupez l'électricité avant TOUTE manipulation.

- Lisez toutes les instructions avant d'installer.
- Système est destiné à être installé par un électricien qualifié en conformité avec le code national de l'électricité et les règlements locaux.
- Accédez au panneau central de disjoncteurs ou de fusibles de votre demeure et placez l'interrupteur principal en position d'arrêt (« OFF »).
- Placez l'interrupteur mural en position d'arrêt (« OFF »).

CAUTION:

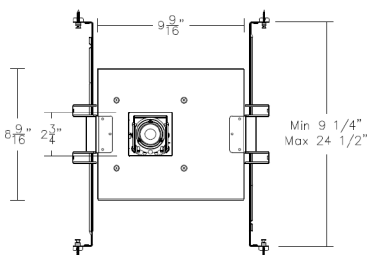
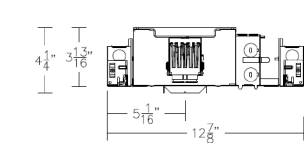
All parts must be used as indicated in these instructions. Do not substitute any parts, leave parts, or use any parts that are worn out or broken. Failure to follow could invalidate the safety listing of this fixture.

Fixtures are intended for use with compatible constant current remote power supply (RPS). Reference fixture specification sheets and remote power supply instructions for appropriate installation.

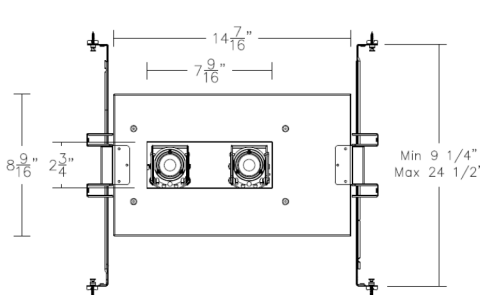
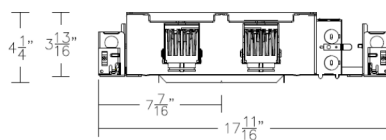
OVERVIEW:

Housing is new construction Airtight IC and Non IC (Refer to table below). Housing requires a trim for finished look. Refer to specification sheets for compatible trim options.

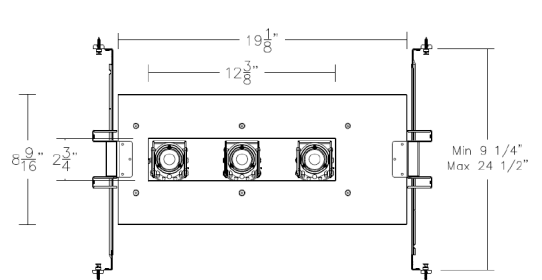
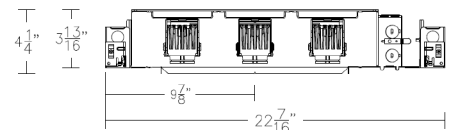
SPECIFICATIONS							
Model	Installation	Reference Forward Voltage	Maximum Drive Constant Current	Power	Max # of Fixtures	Multiple Fixture Wiring	Controls
A2RF-258	IC-Rated	36VDC	250mA	9W	1 per Channel	N/A	See RPS Instructions
A2RF-158	Non-IC	36VDC	350mA	13W	1 per Channel	N/A	See RPS Instructions
A3RF-258	IC-Rated	18VDC	350mA	6W	2 per Channel	Series	See RPS Instructions
A3RF-158	Non-IC	18VDC	500mA	9W	2 per Channel	Series	See RPS Instructions



A2RF-1581, 2581
A3RF-1581, 2581



A2RF-1582, 2582
A3RF-1582, 2582



A2RF-1583, 2583
A3RF-1583, 2583

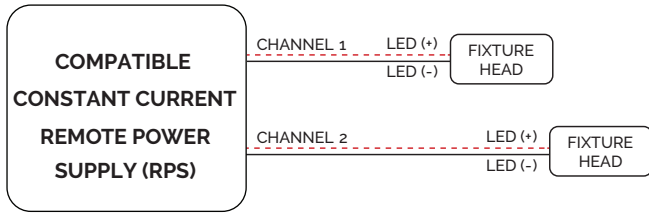
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FIG. 1



2 CHANNEL REFERENCE EXAMPLE SHOWN ABOVE.
REFERENCE RPS SPECIFICATIONS AND INSTRUCTIONS FOR RPS SPECIFIC
REQUIREMENTS AND CHANNEL CAPABILITIES.

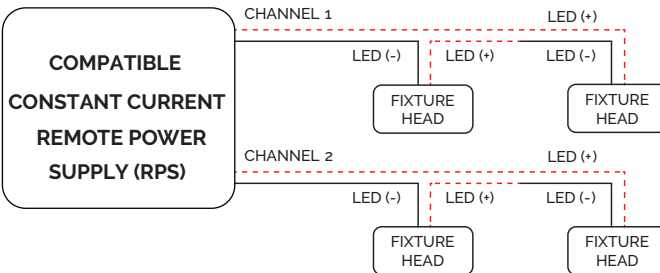
LOW VOLTAGE WIRING REQUIREMENTS:

AISPIRE fixtures may be wired to compatible constant current remote power supplies (RPS) using appropriate low voltage wiring. Refer to RPS instructions for information regarding wiring gauge and distance recommendations.

1. Up to one 36VDC Alpine fixture head may be wired directly to any single output channel of the RPS. (See **FIG. 1**)
2. 18VDC Alpine fixtures may be wired directly to a single output channel of the RPS. For single fixture head connection, refer to **FIG. 1** for wiring arrangement.

Up to two 18VDC fixture heads may be wired to any single output channel of the RPS in series wiring arrangement. (See **FIG. 2**)

FIG. 2



2 CHANNEL REFERENCE EXAMPLE SHOWN ABOVE. FIXTURES WIRED IN
SERIES.
REFERENCE RPS SPECIFICATIONS AND INSTRUCTIONS FOR RPS SPECIFIC
REQUIREMENTS AND CHANNEL CAPABILITIES.

FIG. 3

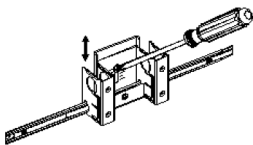


FIG. 4

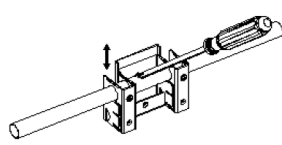


FIG. 5

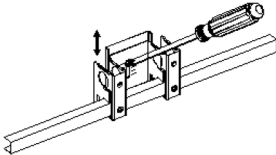


FIG. 6

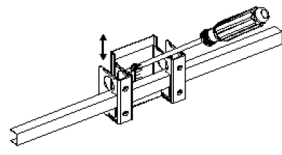


FIG. 7

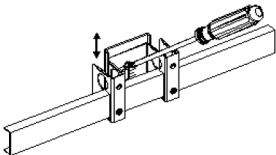
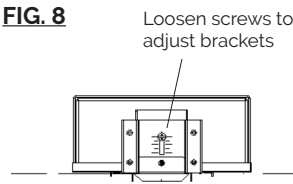


FIG. 8



HOUSING INSTALLATION:

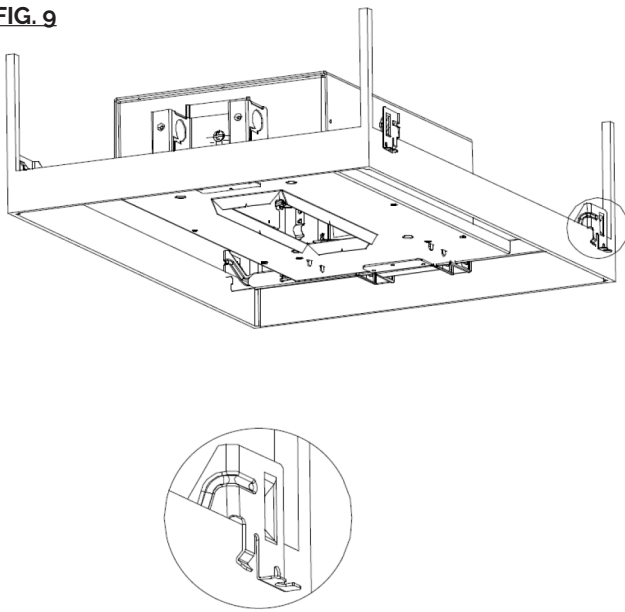
1. Housing features mounting brackets that can be used with hanger bars or various channel supports (See **FIG. 3-8**). Adjust the brackets to proper height by loosening the screws such that the bottom of housing is flush to top of finished ceiling plane (See **FIG. 8**). Retighten screws securely.
2. Slide the male and female hanger bars or other channel supports through the appropriate holes in the brackets.

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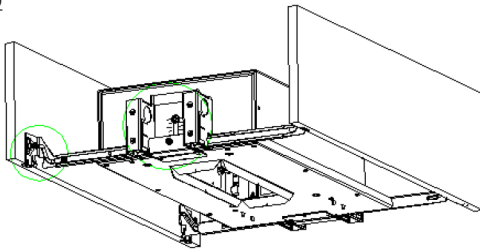
FIG. 9



3. **A. For hanger bar installation on grid:**

Hanger bars are notched on the ends to fit over "T" bars in the suspended ceilings supported with tie wires (by others) to upper ceiling structure. (See **FIG. 9**)

FIG. 10



B. For hanger bar installation on joists:

Install the hanger bar and housing assembly such that the lip of the hanger bar rests on the bottom surface of the joist. (See **FIG. A, B**). Use a screw-driver or hammer to secure the "screw-nail" into the wood. (See **FIG. 10**)

4. Slide the housing along the hanger bars to the desired-position (See Detail **FIG. C**). Tighten bottom locking screws to secure the housing in place.

FIG.A

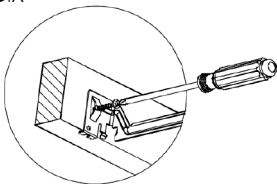


FIG.B

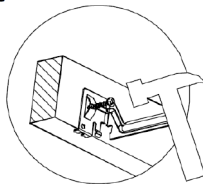
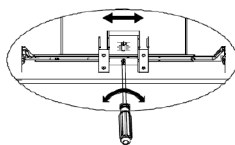


FIG.C

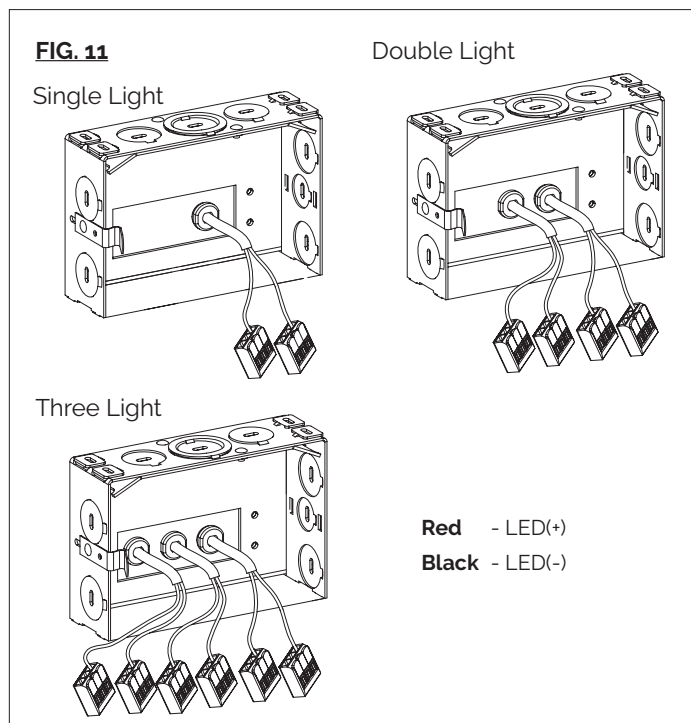


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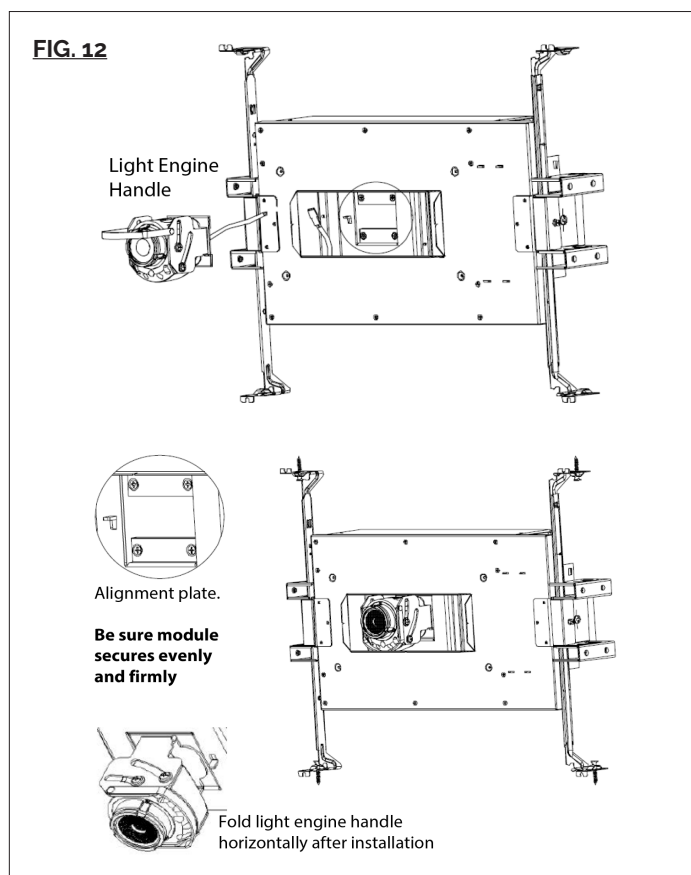
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A W A C C O M P A N Y



- Remove spring latched fixture junction box door and connect fixture wires to to lead wires from the RPS: Insert each supply wire into the appropriate junction box wire connector. (See **FIG. 11**)

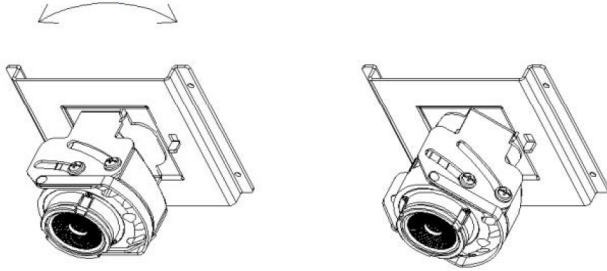


LIGHT ENGINE INSTALLATION (See **FIG. 12**)

- Adjust the handle on the light engine to hold it.
- Align the light engine to the center of the square feature inside the housing, and firmly place it to ensure proper mating. Be sure magnetic attachment is even and secure with no wires pinched.
- Fold light engine handle back horizontally.
- Connect the electrical quick connector of the appropriate light engine.

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FIG. 13

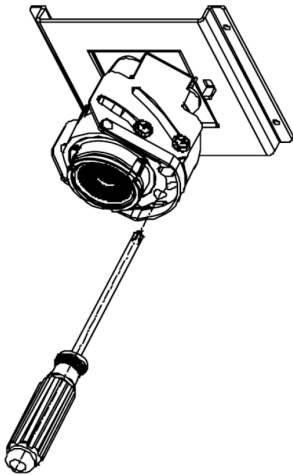


AIMING ANGLE ADJUSTMENT

1. Horizontal (Rotational) Adjustment ($\pm 360^\circ$)

The trim assembly is capable of being horizontally rotated. (See **FIG. 13**).

FIG. 14

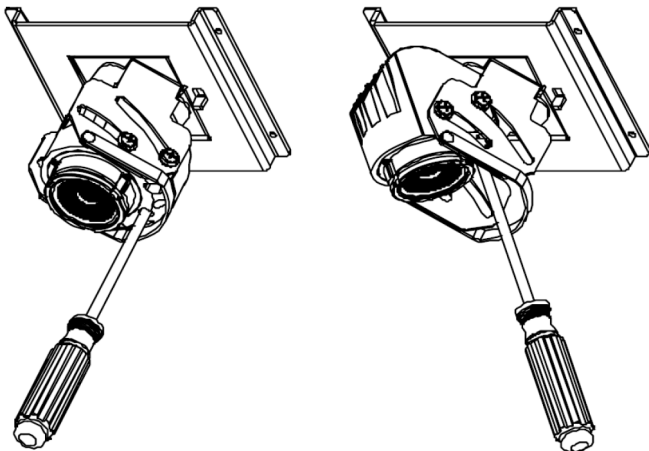


2. Vertical (Angular) Adjustment ($0-40^\circ$):

The trim assembly is capable of being vertically adjusted between 0-40 degrees.

- a. Insert the screw driver into the light module guide hole. (See **FIG. 14**)

FIG. 15



- b. Gently push and angle to screw driver tilt light module to the desired angle. (See **FIG. 15**)

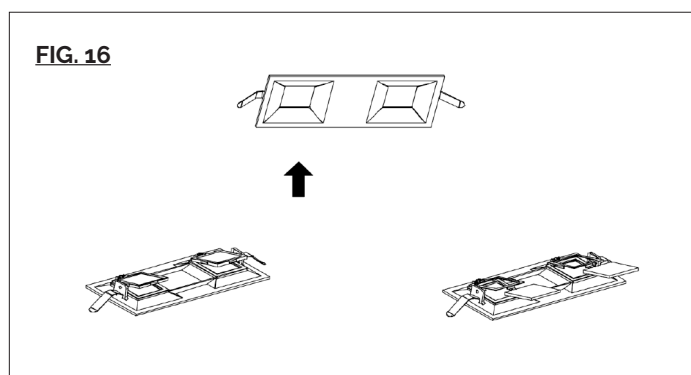
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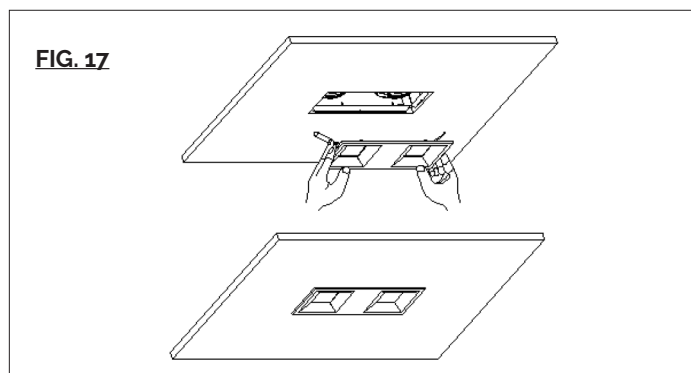
USE TEMPLATE SUPPLIED TO MAKE APPROPRIATE CUTOUT:

MODEL	CUTOUT	
	TRIM	TRIMLESS
A2RF, A3RF - 1581, 2581	2 15/16" × 2 15/16"	3 3/16" × 3 3/16"
A2RF, A3RF - 1582, 2582	7 11/16" × 2 15/16"	8" × 3 3/16"
A2RF, A3RF - 1583, 2583	12 1/2" × 2 15/16"	12 13/16" × 3 3/16"



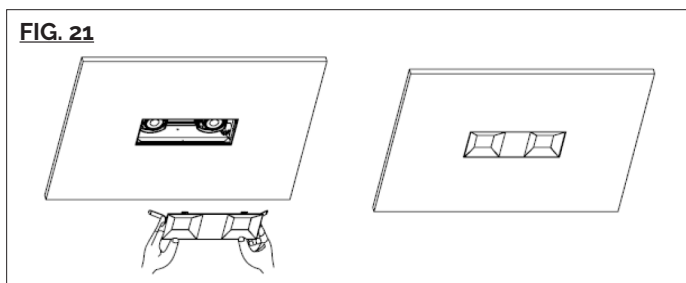
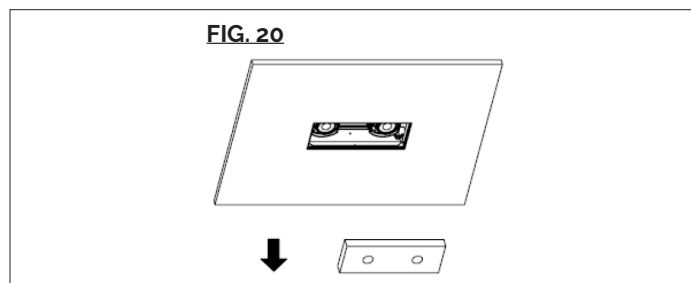
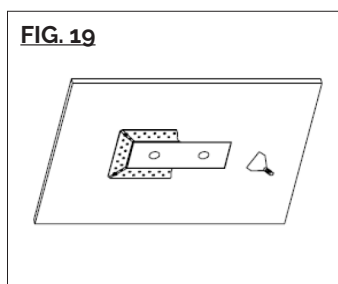
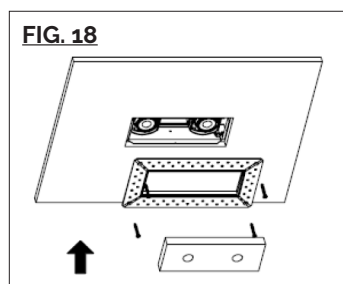
TRIM INSTALLATION

1. Create appropriate cut out in the ceiling.
2. The trim lens is optional (keep for Wet location listing). To remove, slide lens out of lens holder. (See **FIG. 16**)
3. Raise the trim to housing, depress trim spring clips and push the trim assembly up until the trim is flush to the ceiling. (See **FIG. 17**)



TRIMLESS INSTALLATION

1. Create appropriate cut out in the ceiling
2. Raise the trimless frame aligning tab to slot, and secure to trim mounting plate by using the screws supplied. Put plaster shield inside trim opening. (See **FIG. 18**)
3. Apply plaster or spackle over trim frame and sand surface when dry for a finished look. (See **FIG. 19**)
4. Remove the plaster shield when finishing is complete. (See **FIG. 20**)
5. The trim lens is optional (keep for Wet location listing). To remove, slide lens out of lens holder. (See **FIG. 16**)
6. Raise the trim to housing, depress trim spring clips and push the trim assembly up flush. (See **FIG. 21**)



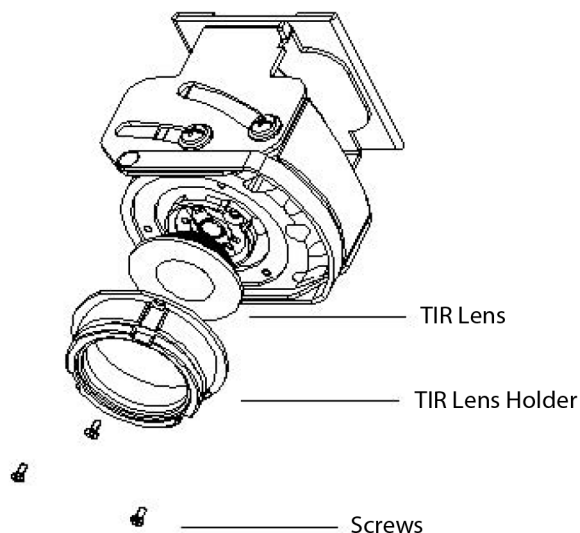
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FIG. 22



REPLACING THE TIR LENS (See FIG. 22):

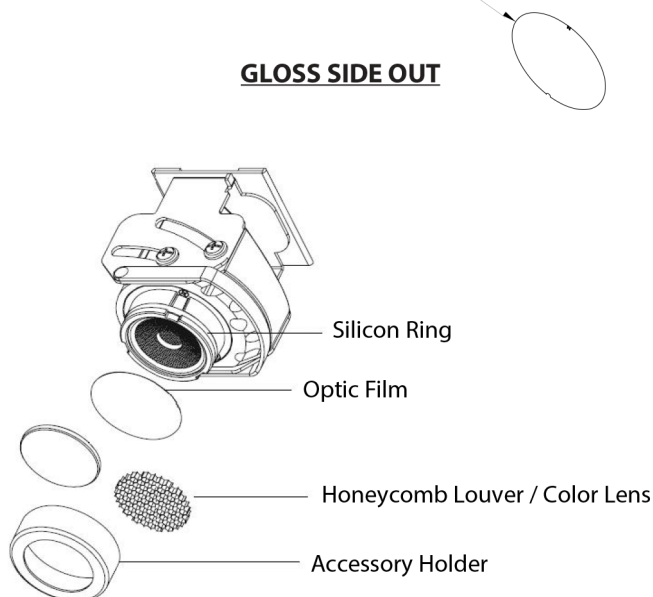
1. Power off the fixture and let it cool down
2. Remove and keep the screws used to secure the TIR holder to the light engine.
3. Remove the TIR lens and replace with new unit.
4. Reinstall the TIR holder using previously removed screws.

FIG. 23

Accessory Optic Film Package (sold separately)

Film **A** (one knotch) = Small Beam Increase
Film **B** (two knotches) = Medium Beam Increase
Film **C** (no knotches) = Large Beam Increase

GLOSS SIDE OUT



ACCESSORIES INSTALLATION

The fixture accommodates one glare control or one lens accessory.

Each accessory type may be used in addition to an accessory optical film.

Accessory Holder (LENS-11-HLD) is required to install ALL accessories. Sold separately.

1. Power off the fixture and let it cool down.
2. Remove the trim from the housing.
3. Adjust the light module to the vertical (straight down) position.
4. Install silicone ring from accessory holder package on to light engine. Prepare the accessory holder with appropriate accessory.
5. Carefully apply the lens holder with accessory to the light engine. Confirm it is installed by tension securely.
6. Reconfigure the light engine to the desired position and reinstall the trim to the housing.