

INSTALLATION AND ASSEMBLY INSTRUCTIONS LEGACY™ & LEGACY™ SCOTTSDALE® CRU UDD SC / CRUS UDD SC & CRU UDD SCDL / CRUS UDD SCDL LED DOUBLE-DECK CROSSOVER® SERIES New & Retrofit Installations



SMARTVISION®

SAVE THESE INSTRUCTIONS AND DELIVER TO OWNER AFTER INSTALLATION

BEFORE YOU BEGIN

Read these instructions completely and carefully, observing all CAUTIONS and WARNINGS shown throughout these instructions.

WARNING! RISK OF FIRE OR ELECTRIC SHOCK

- Disconnect or turn off power before installation or servicing.
- WARNING - Risk of fire or electrical shock. Installation of this luminaire requires a person familiar with the construction and operation of the luminaire's electrical system and the hazard involved. If not qualified, do not attempt installation. Contact a qualified electrician.
- Verify that supply wiring voltage matches power supply voltage by comparing it with the power supply label.
- Make all electrical and grounded connections in accordance with the National Electrical Code (NEC) and any applicable local code requirements.

CAUTION: RISK OF INJURY

- Wear gloves and safety glasses at all times when removing luminaire from carton, installing, servicing or performing maintenance.
- Allow luminaire / driver to cool before handling.

NOTICE: RISK OF PRODUCT DAMAGE- Failure to follow instructions could result in damage to product and void ALL warranties!

- Never connect components under load.
- Do NOT mount or support these fixtures in a manner that can cut the outer jacket or damage wire insulation.
- Do NOT restrict fixture ventilation. Allow for some volume of airspace around fixture. Avoid covering LED fixtures with insulation, foam, or other material that will prevent convection or conduction cooling.

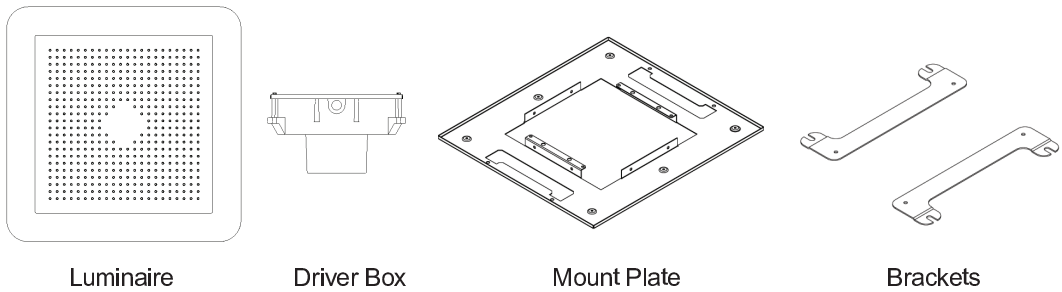
CLEANING INSTRUCTIONS

- It will occasionally be necessary to clean the outside of the lens. Frequency of cleaning will depend on ambient dirt level and minimum light output which is acceptable to the user.
- Lens should be wiped with a DAMP cloth with a solution of warm water and a mild, non-abrasive household detergent. Dry with soft, dry, clean cloth.
- Do NOT use chemical cleaners such as powder cleansers, bleach, etc.
- Do NOT use scouring pads, as this will scratch and damage the lens finish.
- Do NOT wipe with a soiled cloth or wet towel - these may leave a residue that can damage finish.
- Do NOT pressure wash or hose down luminaire or driver.
- Do NOT immerse in water.

CRU/CRUS UDD SERIES, cont'd.



WARNING: Failure to follow instructions could result in damage to product and void warranties!



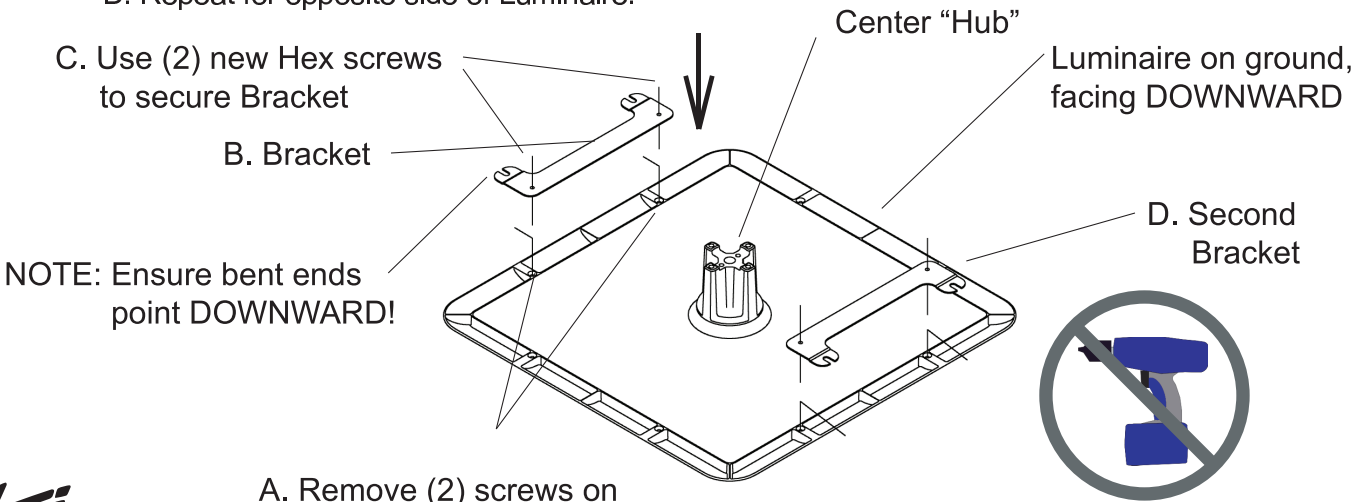
Suggested Tools: Saw, #2 size Philips (cross recess) screwdriver, T-20 Torx screwdriver, 1/2" nut driver (or socket), 5/16" nut driver (or socket).

WARNING! Make sure canopy is structurally sound to bear the weight of this luminaire! Each luminaire weighs 20 pounds (9kg).

IMPORTANT! CRU AND CRUS REQUIRE 2 DIFFERENT HOLE SIZES TO BE CUT!

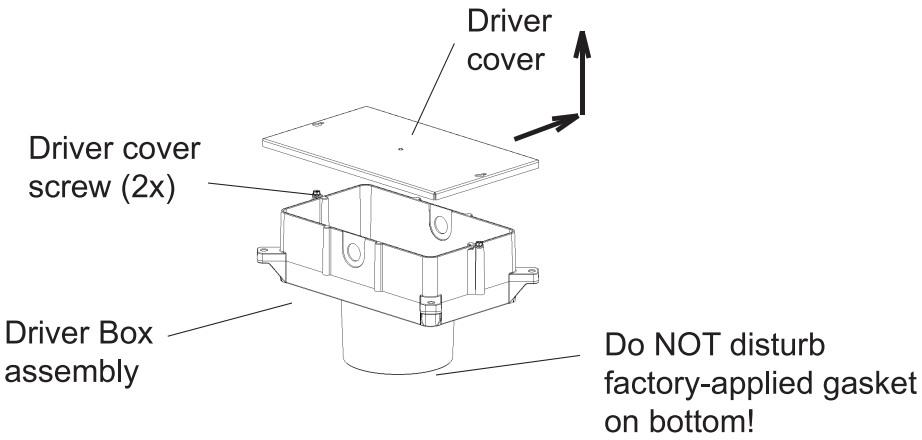
- IF INSTALLING CRU, CUT A 13" (33cm) SQUARE HOLE.
- IF INSTALLING CRUS, CUT A 12-1/4" (31cm) SQAURE HOLE.

- 1 Cut hole between canopy ribs. Mount Plate can be secured to deck using either screws from beneath canopy deck, or threaded rod above canopy deck. See below for screw mounting instructions.
- 2 With Luminaire laying LENS DOWN on protected surface, install both brackets.
 - A. Remove 2 screws from one side of luminaire using T-20 Torx screwdriver. Discard these 2 screws.
 - B. Position (1) bracket (as shown below), aligning the small holes over the Luminaire holes (where screws came out).
 - NOTE: Bracket end legs have slight bend - make sure end legs bend TOWARDS ground!
 - C. Use new Hex screws (supplied) to secure Braceket to Luminaire. Be careful not to cross-thread screws!
 - D. Repeat for opposite side of Luminaire.



CRU/CRUS UDD SERIES, cont'd.

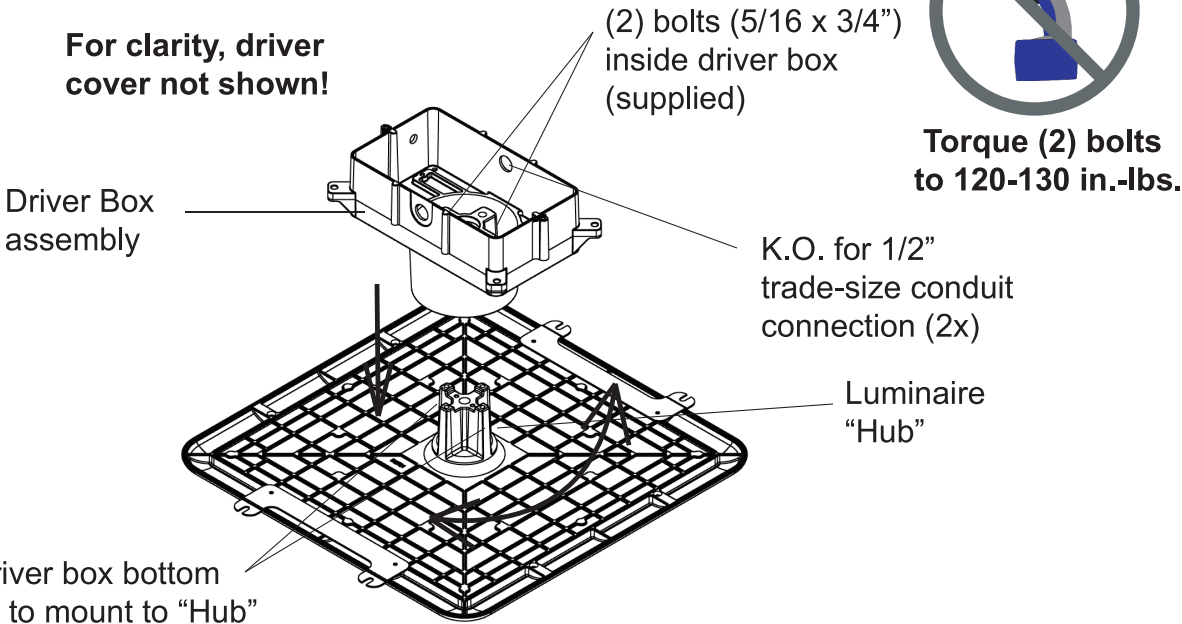
- 3 Place Driver Box on ground, with cover pointing UP. Remove driver box cover using 5/16” nut-driver (cover is key-slotted; do NOT remove screws completely). Slide cover from both screws to clear key slots. **Do NOT disturb ground wire connection to cover (allow cover to hang to the side).**



- 4 Place driver assembly over luminaire “hub”. Feed quick connect wires thru large center hole in bottom of driver assembly, up into assembly. Secure driver assembly to luminaire assembly using (2) supplied bolts and lock-washers. Tighten both bolts to 120-130 in.-lbs.

Warning! Do not over-tighten bolts. Torque specification is 120-130 in.-lbs. Drill driver NOT recommended; risk of stainless galling and incorrect bolt torque!

NOTE: Bottom of Driver Box is “keyed” to be mounted and secured every 90 degrees to match “Hub”.



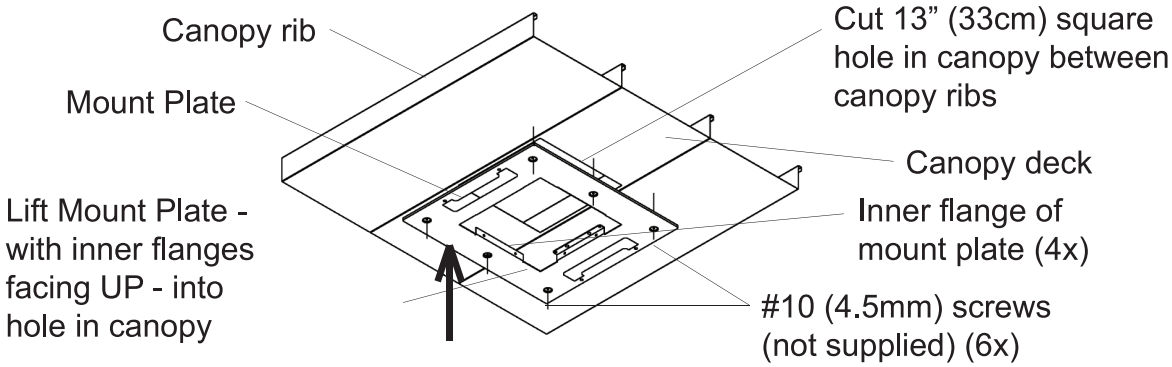
NOTE: Driver box bottom is “keyed” to mount to “Hub” every 90 degrees. Driver box can be rotated every 90 degrees.

CRU/CRUS UDD SERIES, cont'd.

- 5 Secure Mount Panel to Canopy surface one of 2 ways: direct mount method, or threaded rod mount method.

Mounting from below with screws: Lift Mount Plate - with inward brackets facing UP - to canopy hole. Secure Mount Plate to canopy by using #10 (4.5mm) screws (not supplied) along perimeter holes in Plate thru canopy.

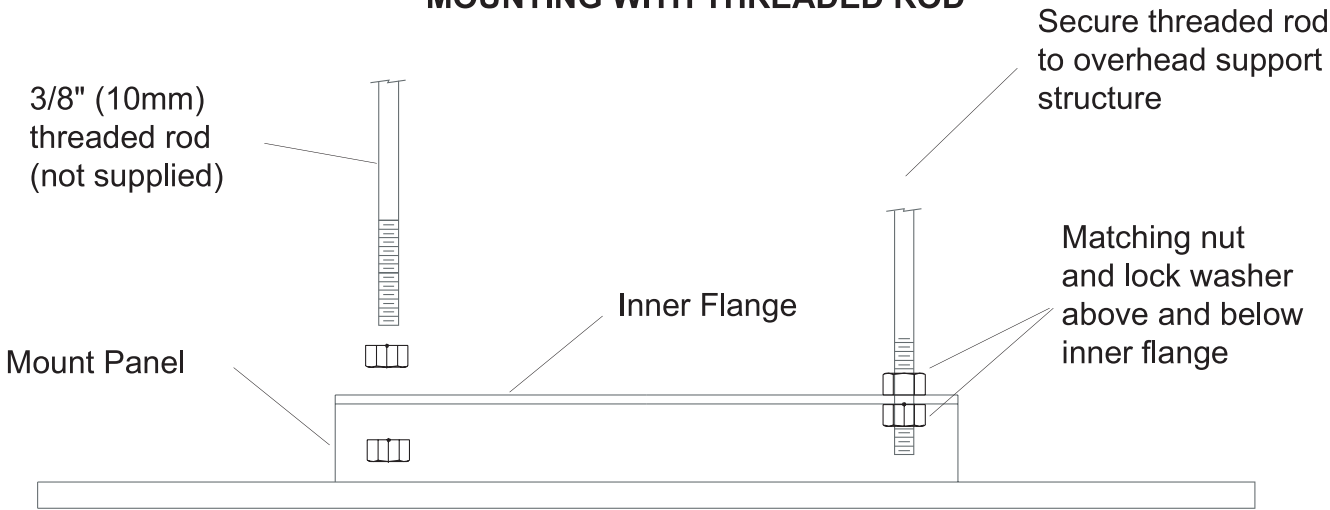
IMPORTANT: Maximum hole cutout size allowed is 16" square (41cm square)!



Mounting using threaded rod - Using 3/8” (10mm) threaded rod (not supplied), use a nut and lock washer above and below the mounting flanges (8 nuts and washers total required). Suspend Mount Plate to structure.

NOTE: Other suitable means, such as aircraft cable, can be used to suspend Mount Plate.

MOUNTING WITH THREADED ROD



- 6 Lift Luminaire/Driver assembly up to Mount Plate. Snap lanyard clip on Driver Box to one of the holes in one of the (4) upward flanges of Mount Plate.

CRU/CRUS UDD SERIES, cont'd.

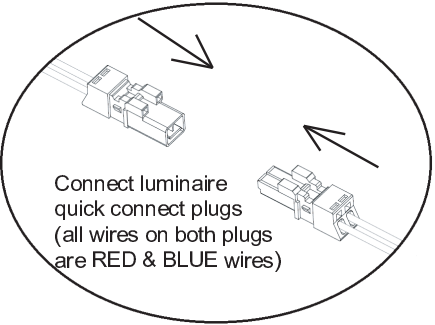
IMPORTANT! The following instructions are for qualified electricians ONLY!

IMPORTANT! Match incoming supply voltage to luminaire voltage rating!

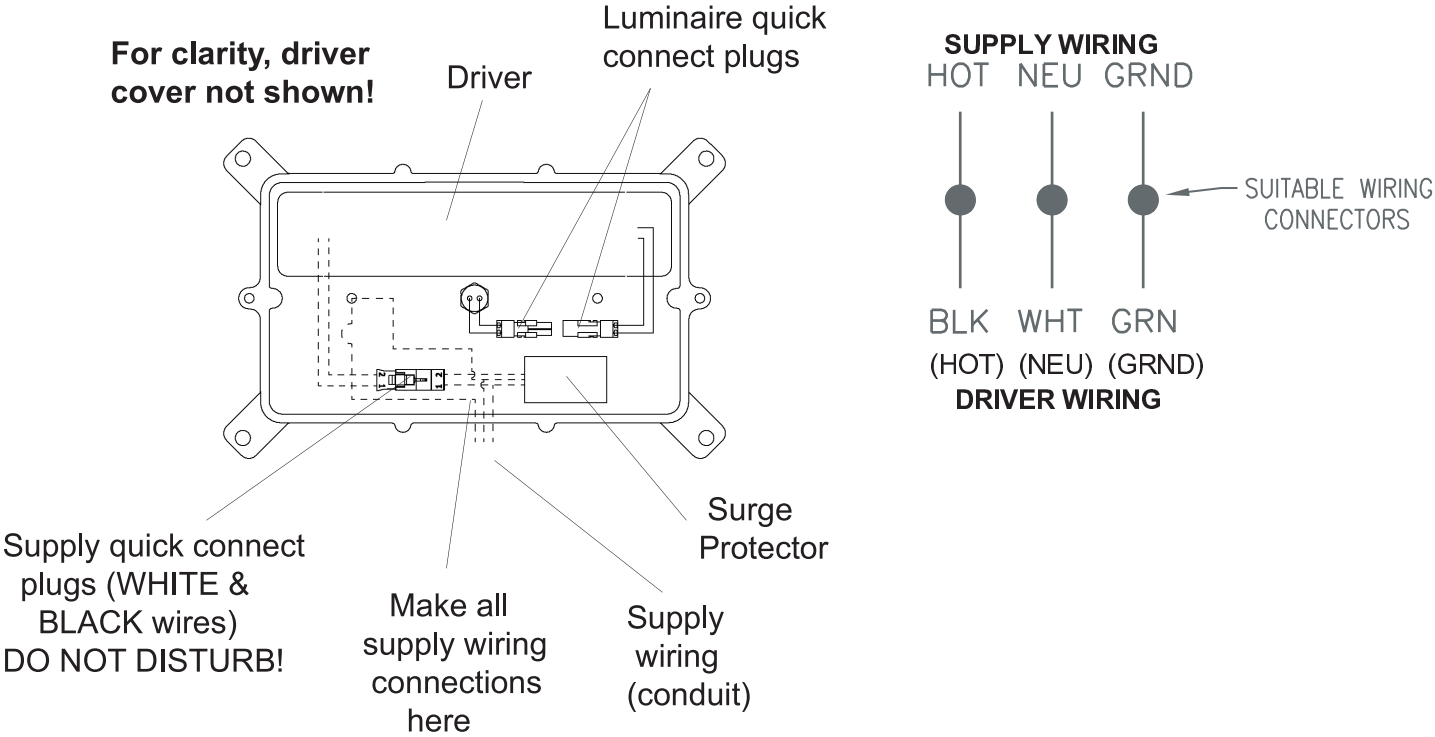
7 Run supply wiring to driver box. Driver box is supplied with (2) knockouts (K.O.) for 1/2" trade-size conduit.

IMPORTANT! Supply wire to be rated minimum 90C!

8 Inside driver box, locate both the (A) supply wiring quick connect plug (WHITE & BLACK wires) and the (B) luminaire quick connect plugs (RED & BLUE wires). First, connect (B) luminaire quick connect plug to driver's "loose" plug.



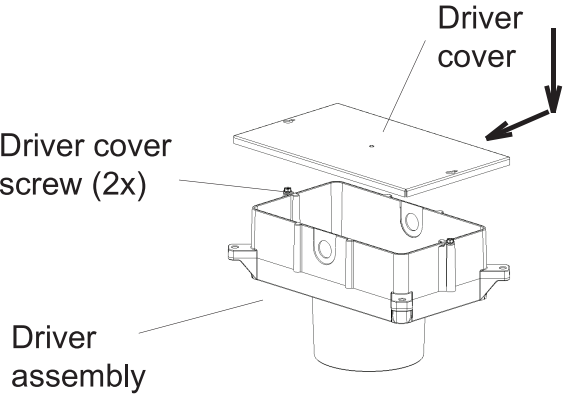
9 Locate (A) supply wiring quick connect plug (WHITE & BLACK wires). This plug connection is already made; do NOT disturb this connection. Make necessary supply wire connections to "loose" wires on this plug inside driver box, using suitable wiring connectors. Connect ground inside driver box to supply wire ground. See below wiring diagram for all supply wiring connections.



10 Use wire tie to secure incoming supply wires.

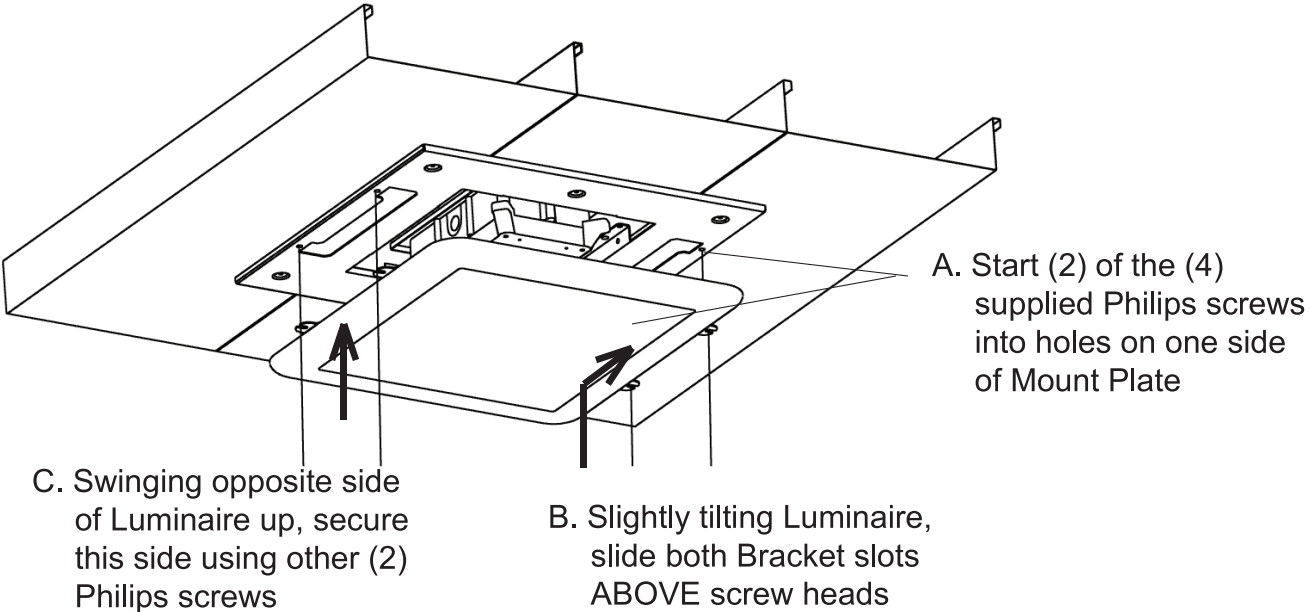
CRU/CRUS UDD SERIES, cont'd.

11 Secure driver box cover to driver box. Align keyed slot holes over driver box screws. Shift cover sideways, to engage cover to box. Tighten both screws.

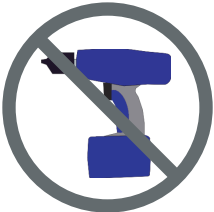


12 Lift Luminaire/Driver assembly up to Mount Plate. DO NOT SUPPORT LUMINIARE WITH LENS SURFACE! Support luminaire along lens frame. Steer driver thru Mount Plate. Secure Luminaire to Mount Plate using (4) Philips-head screws, using #2 size Philips screwdriver. See mounting steps below. NOTE: DO NOT USE POWER DRILL OR POWER DRIVER!

- A. Luminaire is secured to Mount plate with (4) Philips head screws (supplied). On one side of Mount Plate, start (2) of these screws into side holes.
- B. Position Luminaire up to Mount Plate, lighting up bracket end slots with these (2) screws. Slide Bracket slots ABOVE both screw heads.
- C. Pushing opposite of Luminaire up, secure other side using other (2) screws into other (2) Mount Plate holes.
- D. Evenly tighten all 4 screws to secure Luminaire to mount Plate.



D. Evenly tighten all (4) screws



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Installation Questions?

Call LSI Field Service Department at:
1-800-436-7800 Ext. 3300
Fax: 1-877-861-1368