

**IMPORTANT** - READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES, BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT, AND THE HAZARDS INVOLVED. PROPER GROUNDING IS REQUIRED FOR SAFETY.

**⚠ DISCONNECT THE MAIN LINE BEFORE WIRING SECONDARY CONNECTORS.**

## IN-LINE UNIT INSTALLATION

### INTEGRAL DRIVER (120 / 277V)

### DIMMING TRIAC/ELV (15%), 0-10V (1%), LUTRON HI-LUME® (1% EcoSystem™ / 1% 2-WIRE)

A- MAKE CEILING CUT-OUT (SEE TABLE ON PAGE 3).

B- OPEN THE CONNECTION BOXES ON TOP OF THE FIXTURE. UNSCREW THE BOXES PHILLIPS SCREW TO SLIDE OUT THE COVER. (SEE DETAIL 1)

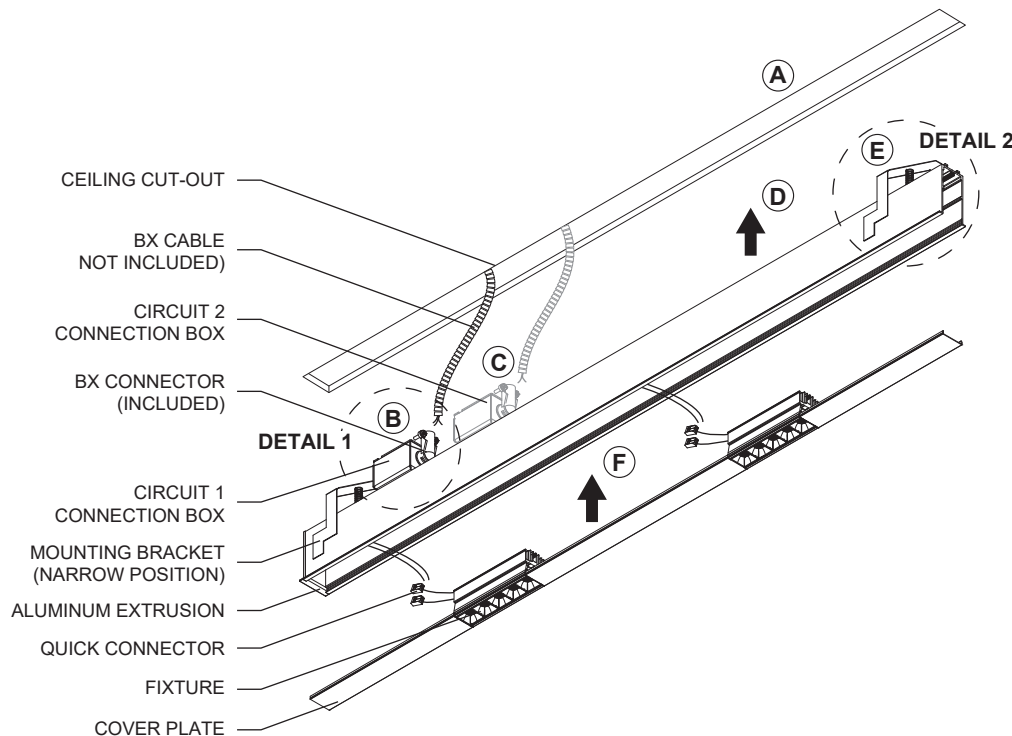
C- INSERT AND LOCK THE BX CABLE (NOT INCLUDED) INTO THE BX CONNECTORS (INCLUDED) AND MAKE NECESSARY WIRE CONNECTIONS (SEE WIRING DIAGRAM) USING TWIST CONNECTORS (NOT INCLUDED).

D- WITH THE MOUNTING BRACKETS IN THE NARROW POSITION, GENTLY INSERT THE FIXTURE INTO THE CEILING CUT-OUT.

E- SCREW THE MOUNTING BRACKET SCREWS CLOCKWISE TO WIDEN AND LOWER THE MOUNTING BRACKETS ON THE CEILING. (SEE DETAIL 2)

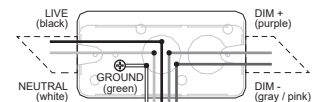
F- CONNECT THE FIXTURES USING THE QUICK CONNECTORS (INCLUDED) AND SNAP THEM BACK INTO THE ALUMINUM EXTRUSION.

FILL THE GAPS WITH THE COVER PLATES.



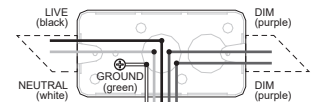
## WIRING DIAGRAM

DIMMING  
0-10V (D10)  
120-277V



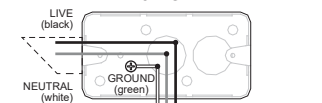
FIXTURE CABLES

DIMMING  
ECOSYSTEM™ (D2B)  
120-277V



FIXTURE CABLES

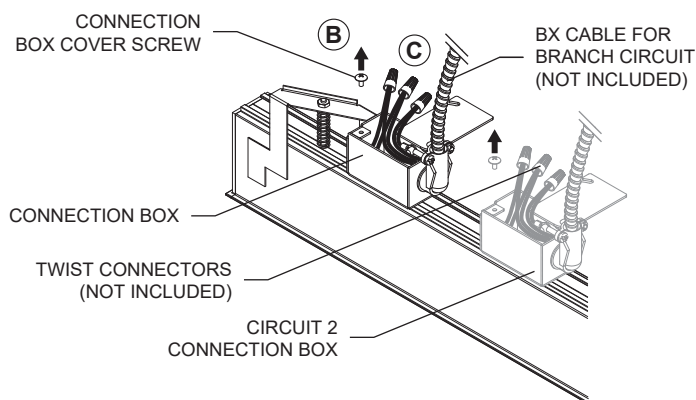
DIMMING  
TRIAC/ELV (LTE) or TRIAC (D3)  
120V ONLY



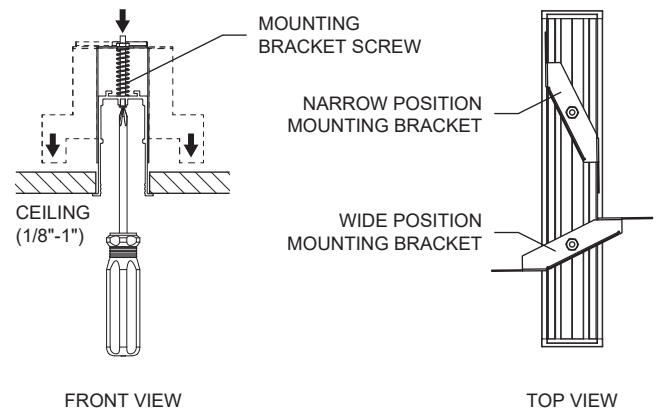
FIXTURE CABLES

\*for reference only

## DETAIL 1

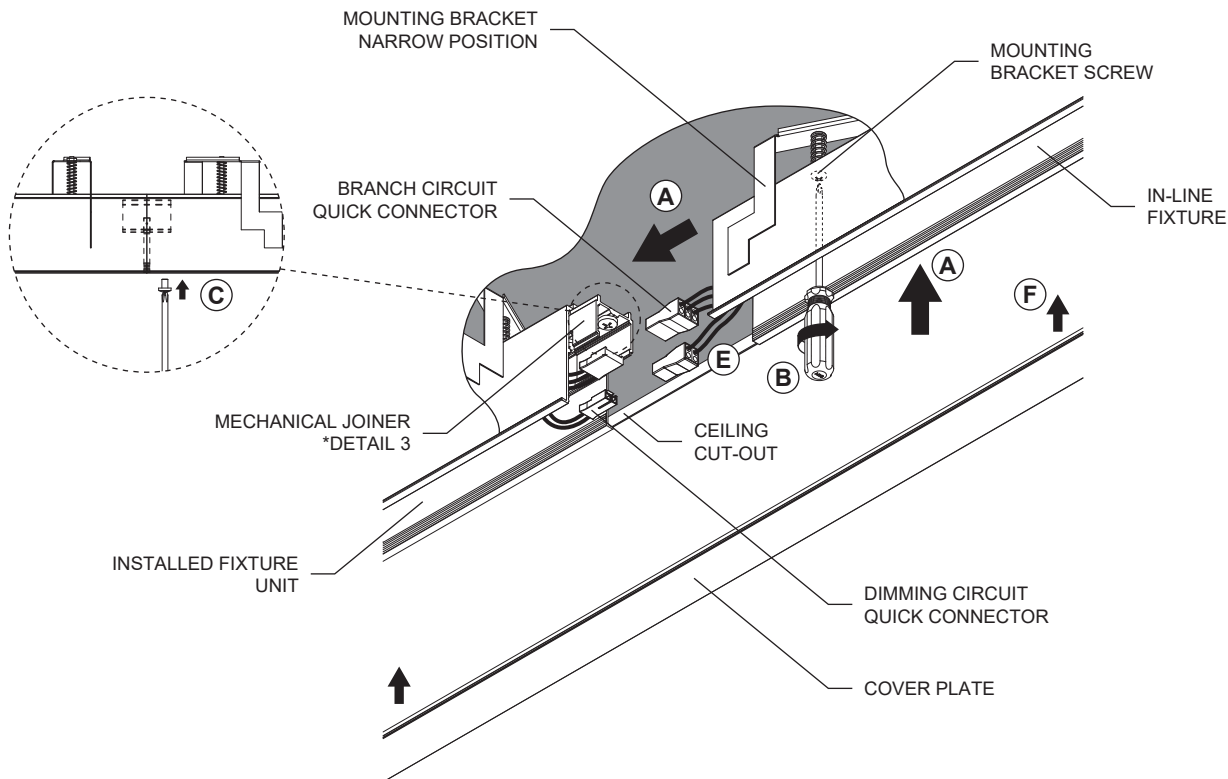


## DETAIL 2



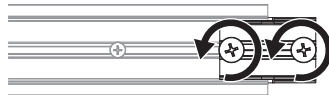
## IN-LINE UNIT INSTALLATION (LENGTHS FROM 9' AND MORE)

- A- WITH MOUNTING BRACKETS IN THE NARROW POSITION, GENTLY INSERT THE IN-LINE FIXTURE INTO CEILING CUT-OUT AND SLIDE IT AGAINST THE INSTALLED FIXTURE UNIT. MAKE SURE NOT TO PINCH ANY WIRES.
- B- SCREW MOUNTING BRACKET SCREWS CLOCKWISE TO SECURE FIXTURE UNIT. BEFORE ANCHORING, MAKE SURE THERE IS NO GAP BETWEEN FIXTURE UNITS.
- C- FASTEN THE MECHANICAL JOINER SCREW TO THE IN-LINE UNIT. (SEE DETAIL 3 FOR LAST UNIT ASSEMBLY)
- D- REPEAT STEPS I TO K FOR ALL JOINTS.
- E- MAKE THE NECESSARY CONNECTIONS USING THE QUICK CONNECTORS BETWEEN UNITS.
- F- SNAP-IN PLACE COVER PLATE TO CLOSE THE OPENING.

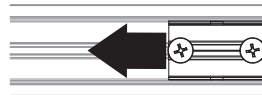


### DETAIL 2

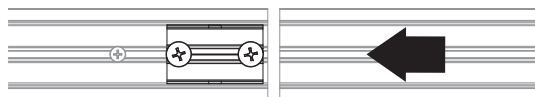
- 1- LOOSEN MECHANICAL JOINER PHILLIPS SCREWS.



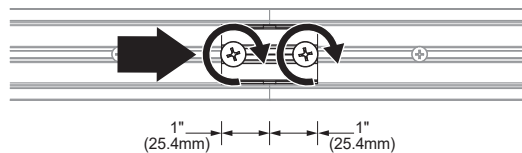
- 2- PUSH MECHANICAL JOINER INSIDE THE INSTALLED FIXTURE UNIT.



- 3- INSERT LAST FIXTURE UNIT FOLLOWING STEPS H TO J.

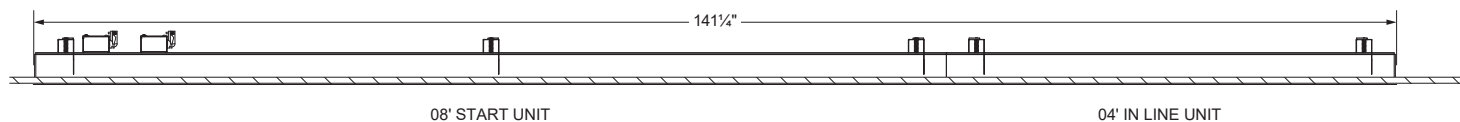


- 4- PUSH MECHANICAL JOINER BACK INTO PLACE LEAVING 1" ON EACH SIDE THEN TIGHTEN BOTH SCREWS. DO NOT OVERTIGHTEN THE SCREWS.



### RECESSED CUT-OUT DIMENSIONS

#### IN LINE SYSTEM



CUT-OUT FOR LINEAR RECESSED ALL CONFIGURATIONS		
Nominal length	Actual length (A)	Cut-out
04'	3'-11" (1.194m)	1 3/4" x 46 3/4" (44mm x 1.189m)
08'	7'-11" (2.413m)	1 3/4" x 94 3/4" (44mm x 2.409m)
12'	11'-9 3/8" (3.591m)	1 3/4" x 141 1/4" (44mm x 3.589m)
16'	15'-9 3/8" (4.810m)	1 3/4" x 189 1/4" (44mm x 4.808m)
20'	19'-7 7/8" (5.991m)	1 3/4" x 235 3/4" (44mm x 5.988m)
24'	23'-7 7/8" (7.210m)	1 3/4" x 283 3/4" (44mm x 7.207m)
28'	27'-6 3/8" (8.391m)	1 3/4" x 330 1/8" (44mm x 8.387m)
32'	31'-6 3/8" (9.611m)	1 3/4" x 378 1/8" (44mm x 9.606m)
36'	35'-4 3/4" (10.789m)	1 3/4" x 424 5/8" (44mm x 10.786m)
40'	39'-4 3/4" (12.008m)	1 3/4" x 472 5/8" (44mm x 12.005m)
44'	43'-3 1/4" (13.189m)	1 3/4" x 519" (44mm x 13.185m)
48'	47'-3 1/4" (14.408m)	1 3/4" x 567" (44mm x 14.404m)
52'	51'-1 5/8" (15.586m)	1 3/4" x 613 1/2" (44mm x 15.584m)
56'	55'-1 5/8" (16.805m)	1 3/4" x 661 1/2" (44mm x 16.803m)
60'	59'-1 5/8" (17.986m)	1 3/4" x 708" (44mm x 17.983m)
64'	63'-1 5/8" (19.206m)	1 3/4" x 756" (44mm x 19.202m)
68'	66'-10 1/2" (20.384m)	1 3/4" x 802 3/8" (44mm x 20.382m)
72'	70'-10 1/2" (21.603m)	1 3/4" x 850 3/8" (44mm x 21.601m)
76'	74'-9" (22.784m)	1 3/4" x 896 3/4" (44mm x 22.781m)
80'	78'-9" (24.003m)	1 3/4" x 944 3/4" (44mm x 24m)
84'	82'-7 1/2" (25.184m)	1 3/4" x 991 1/4" (44mm x 25.180m)
88'	86'-7 1/2" (26.403m)	1 3/4" x 1039 1/4" (44mm x 26.400m)
92'	90'-5 7/8" (27.581m)	1 3/4" x 1085 3/4" (44mm x 27.579m)
96'	94'-5 7/8" (28.800m)	1 3/4" x 1133 3/4" (44mm x 28.798m)
100'	98'-4 3/8" (29.981m)	1 3/4" x 1180 1/4" (44mm x 29.978m)