

INSTALLATION INSTRUCTIONS

drawing number 104743

lumenfacade™



This product must be installed in accordance with applicable national and local electrical and construction codes by a person familiar with the construction and operation of the product and the hazards involved. Failure to comply with the following installation instructions may result in death or serious injury.

REMOTE POWER SUPPLY
WHITE & STATIC COLORS,
COLOR CHANGING &
DYNAMIC WHITE

WARNING

SEPARATION OF FIELD INSTALLED POWER LIMITED CIRCUIT (DIMMING/CONTROL) WIRING FROM THE BRANCH CIRCUIT WIRING IN THE OUTLET BOX ARE TO BE MADE IN ACCORDANCE WITH LOCAL AND/OR NATIONAL ELECTRICAL INSTALLATION CODES.

WARNING

DISCONNECT POWER BEFORE INSTALLING OR SERVICING TO AVOID ELECTRICAL SHOCK.

WARNING

DO NOT EXCEED FIXTURE SPECIFIED VOLTAGE.

WARNING

DO NOT USE IF FIXTURE, PARTS OR CONNECTORS ARE DAMAGED.

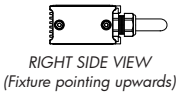
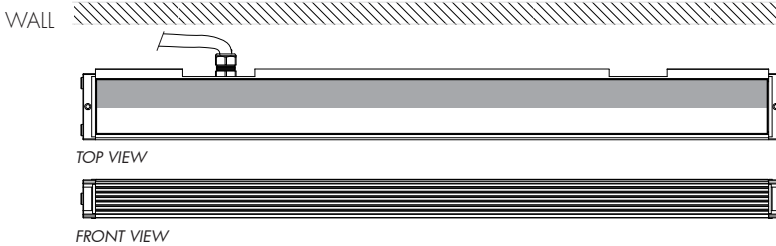
CAUTION

UNAUTHORIZED FIELD REPAIRS WILL VOID WARRANTY.

ASYMMETRIC WALLWASH OPTIC OPTION

NOTICE

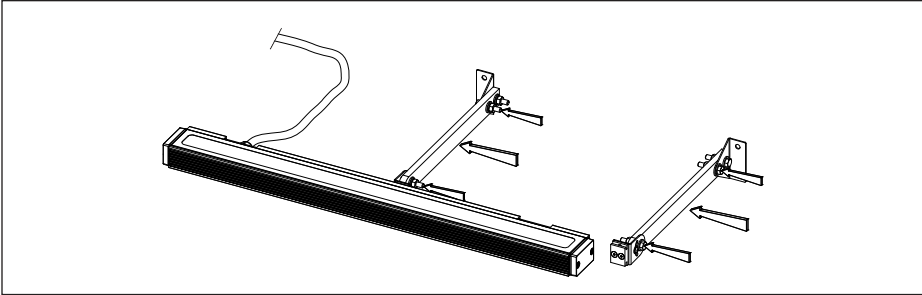
ALWAYS POSITION FROSTED SIDE TOWARD THE WALL.



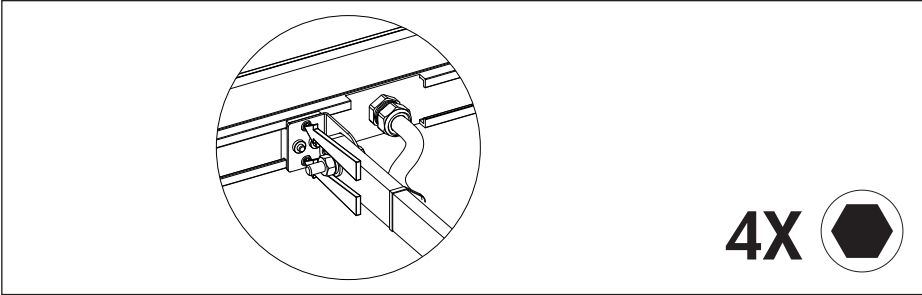
RECOMMENDED SETBACK FROM WALL IS 1/10 OF THE WALL HEIGHT.

EXAMPLE: 2FT SETBACK FOR A 20FT WALL

STEP 1. SLIDE IN WAMR MOUNTING BRACKETS



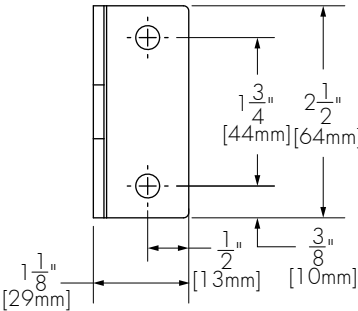
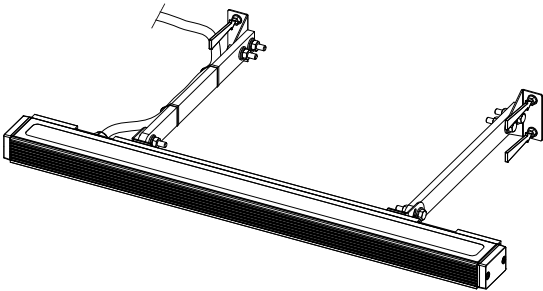
STEP 2. TIGHTEN SET SCREWS



STEP 3. SCREW ONTO MOUNTING SURFACE

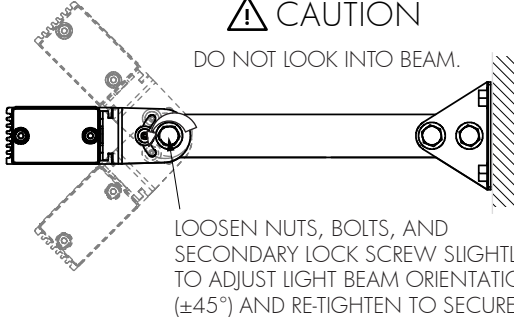
WARNING

USE 1/4" FASTENERS (4X BY OTHERS) THAT ARE APPROPRIATE FOR USE WITH YOUR MOUNTING SURFACE



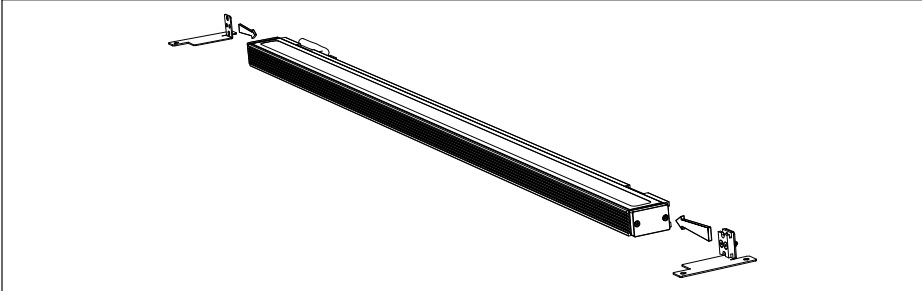
CAUTION

DO NOT LOOK INTO BEAM.

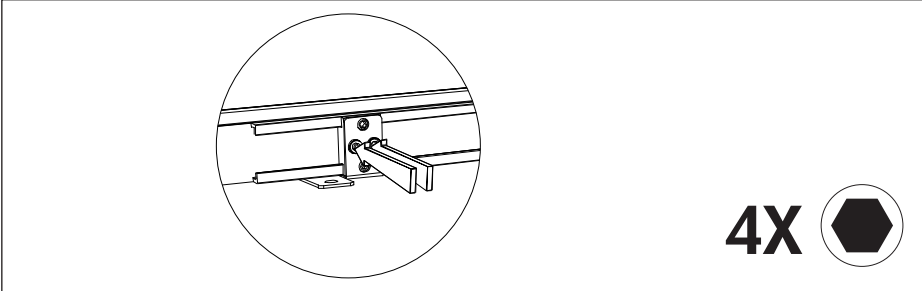


OR

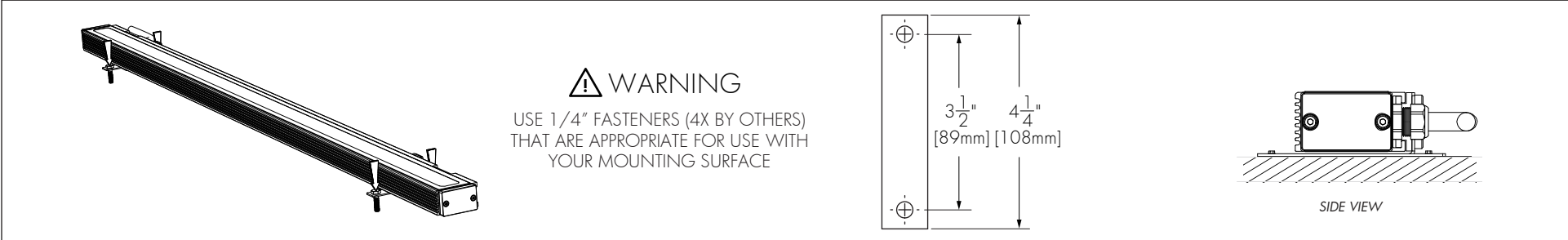
STEP 1. SLIDE IN UMPR MOUNTING BRACKETS



STEP 2. TIGHTEN SET SCREWS



STEP 3. SCREW ONTO MOUNTING SURFACE



STEP 4. MAKE ELECTRICAL CONNECTIONS - LUMINAIRE'S CORD

NON-DIMMING

See PSX-NO installation instructions for more details.

LUMENTALK

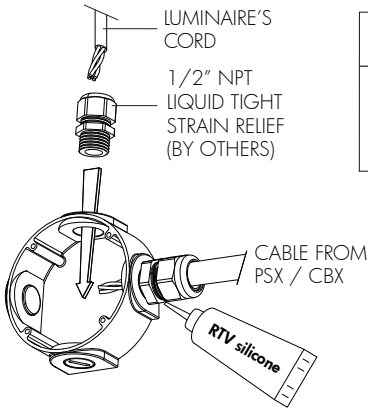
Lumentalk Data Bridge (LDB-DIM or LDB-DMX), and PSX60/PSX100 or CBX60/CBX100 required. Components will vary by fixture type, see installation instructions and fixture specification sheets for more details.

0-10V DIMMING

See PSX-010 installation instructions for more details.

DMX DIMMING

See CBX60/CBX100 installation instructions for more details.



American Color Code	CE Color Code	USE
Black	Brown	DC+ (12/15/24V DC)
White	Blue	DC - (12/15/24V DC)
Red	Black	0-10V / Data +
Green	Grey	0-10V / Data -

WARNING

FOR WET LOCATION INSTALLATIONS, USE WEATHERPROOF JUNCTION BOXES AND SEAL ALL POSSIBLE WATER ENTRY POINTS AND COVERS USING RTV SILICONE. (SEALING COMPOUND AND JUNCTION BOXES BY OTHERS)

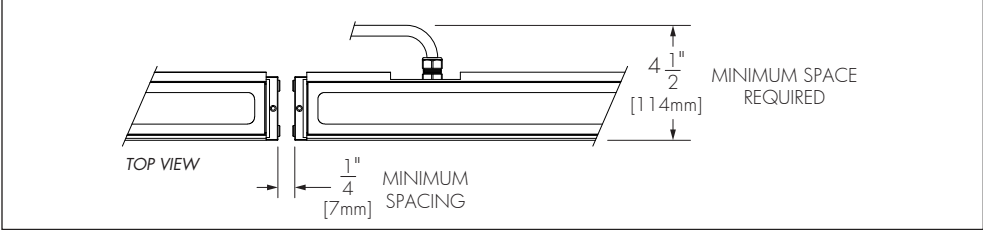
DMX/Data Cable Specification

DMX Cable from Controller to CBX and CBX to CBX shall adhere to ANSI E1.11 – 2008 (r2013) – Entertainment Technology – USITT DMX512-A, Asynchronous Serial Digital Data Transmission Standard for Controlling Lighting Equipment and Accessories. At minimum DMX Cable shall be 1-Pair (24 AWG, 7x32 Stranding)Twisted (minimum of 4.8 twists/foot), Shielded, minimum of 100 ohms Impedance, and <25 pF/ft. Capacitance.

Combined Power & Data Cable Specification

Fixture cabling from CBX to Fixtures shall be installed per NEC and Local Codes. All cables shall be SOOW style cables with minimum of 16 AWG annealed stranded bare copper per ASTM B-174 with a minimum temperature range of -40°C to +90°C. All conductor standing must be a minimum of 26/30 and capable of handling 13 amps. Cable must be water resistant, UL Listed and CSA certified for indoor and outdoor use. Must be Ozone-sunlight (UV) and weather resistant.

LINEAR MOUNTING - MINIMUM SPACING



NOTICE

RECORD THE LOCATION OF EACH FIXTURE BY SERIAL NUMBER TO PREPARE FOR THE COMMISSIONING PROCESS (DMX).

lumenbin™, a proprietary binning method, guarantees color temperature consistency within a 3-step MacAdam ellipse.

lumen talk lumenear™ Combine lumentranslator with Lumentalk-enabled luminaires housing Lumenpulse's proprietary lumenear control card to build your Lumentalk system.