

INSTALLATION INSTRUCTIONS

drawing number 106088

lumenfacade™

INTERIOR
WHITE & STATIC COLORS,
COLOR CHANGING &
DYNAMIC WHITE



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.

⚠ 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.

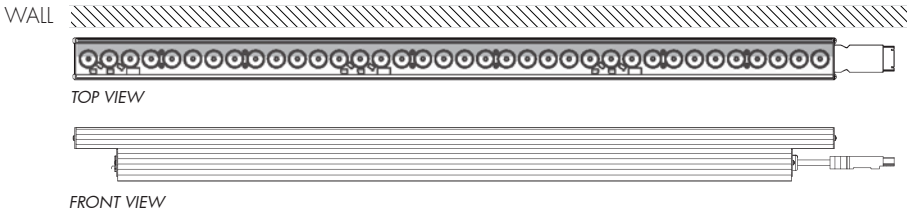
CAUTION

UNAUTHORIZED FIELD REPAIRS WILL VOID WARRANTY.

ASYMMETRIC WALLWASH OPTIC OPTION

NOTICE

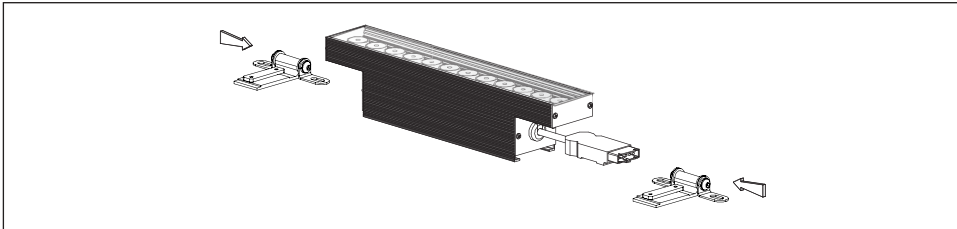
ALWAYS POSITION FROSTED SIDE TOWARD THE WALL.



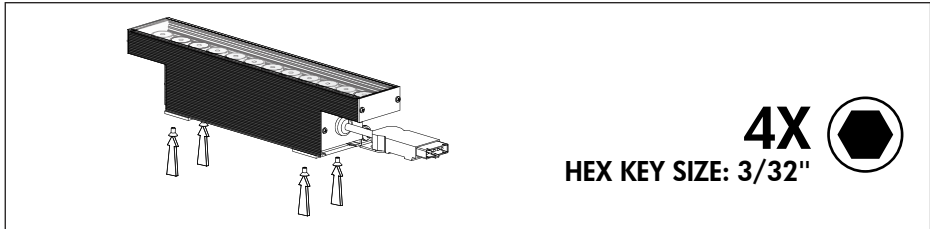
RECOMMENDED SETBACK FROM WALL IS 1/10 OF THE WALL HEIGHT.

EXAMPLE: 2FT SETBACK FOR A 20FT WALL

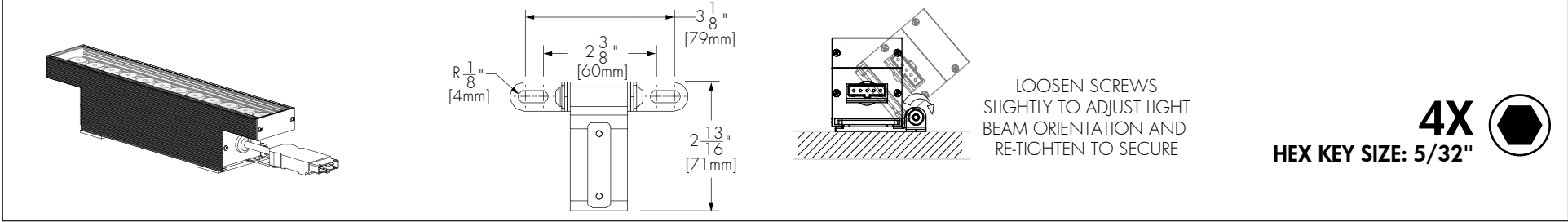
STEP 1. SLIDE IN SAM MOUNTING BRACKETS



STEP 2. TIGHTEN SCREWS

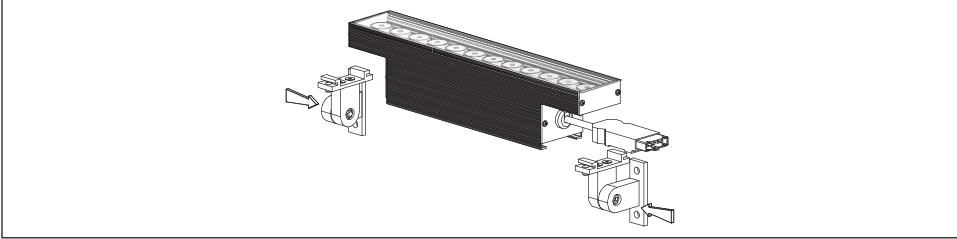


STEP 3. SCREW ONTO MOUNTING SURFACE

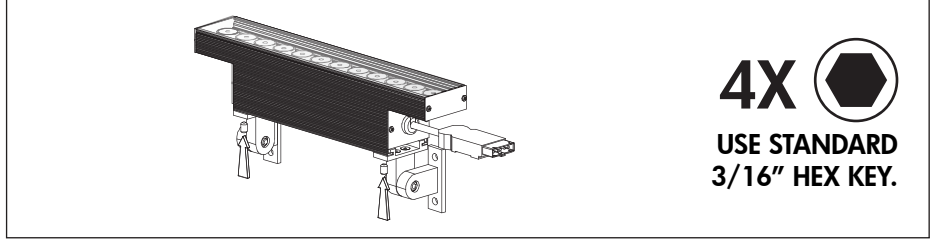


OR

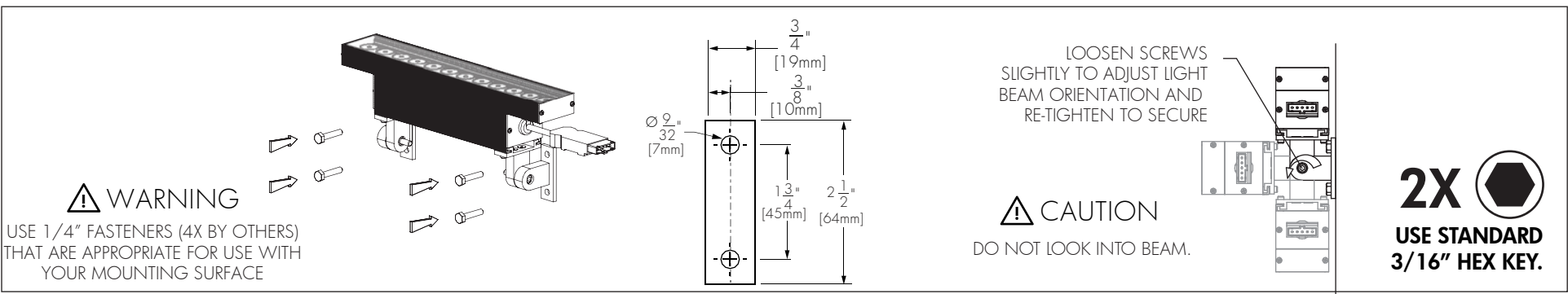
STEP 1. SLIDE IN UMAS MOUNTING BRACKETS



STEP 2. TIGHTEN SET SCREWS

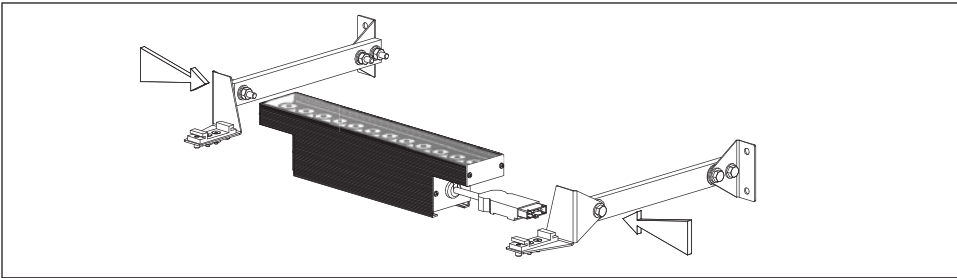


STEP 3. SCREW ONTO MOUNTING SURFACE

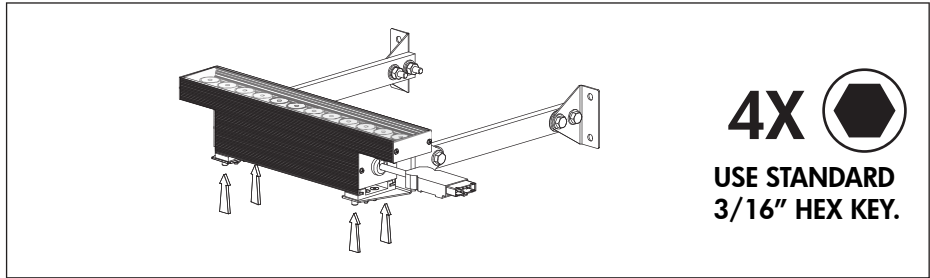


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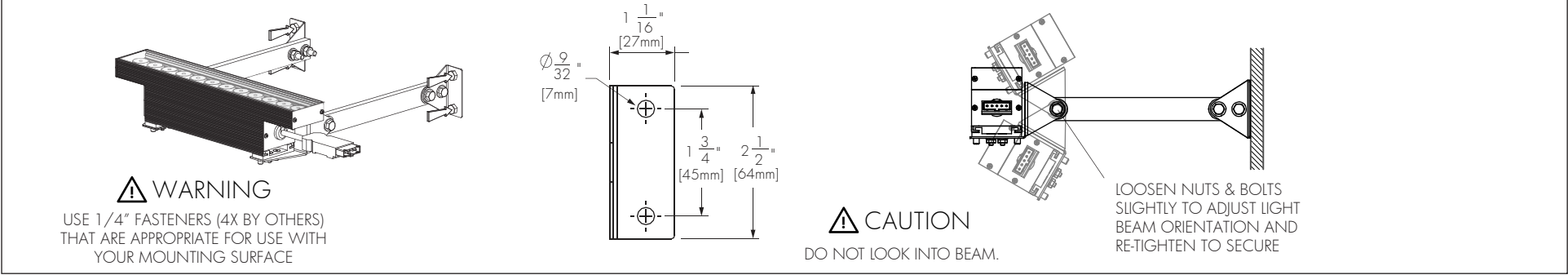
STEP 1. SLIDE IN WAM MOUNTING BRACKETS



STEP 2. TIGHTEN SET SCREWS



STEP 3. SCREW ONTO MOUNTING SURFACE



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.

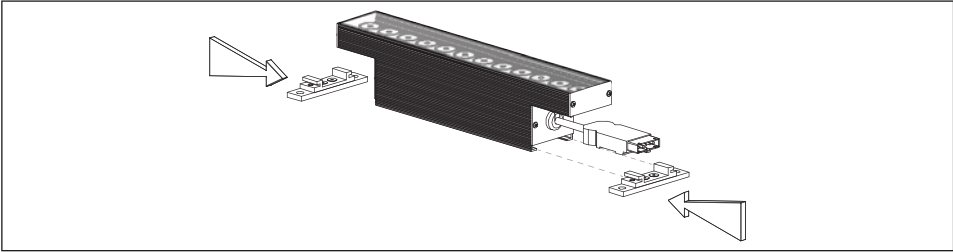


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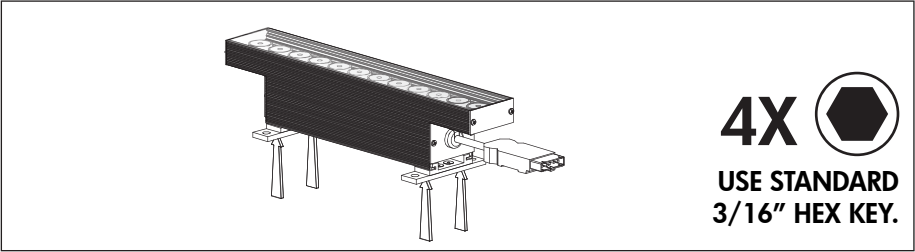
INTERIOR
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OR

STEP 1. SLIDE IN UMP MOUNTING BRACKETS



STEP 2. TIGHTEN SET SCREWS



STEP 3. SCREW ONTO MOUNTING SURFACE



WIRING DETAIL AT JUNCTION BOX (BY OTHERS)

NON-DIMMING

LUMENTALK
(for 2, 3 or 4' fixture lengths [0.6, 0.9 or 1.2m])
*Lumentalk Data Bridge required for 1' [0.3m] fixture lengths see Lumentalk Data Bridge installation instructions for more details

**0-10V DIMMING
DALI DIMMING
LUTRON® ECOSYSTEM® ENABLED DIMMING**

From third party controller (dimmer, DALI controller, or Lutron® EcoSystem® controller)

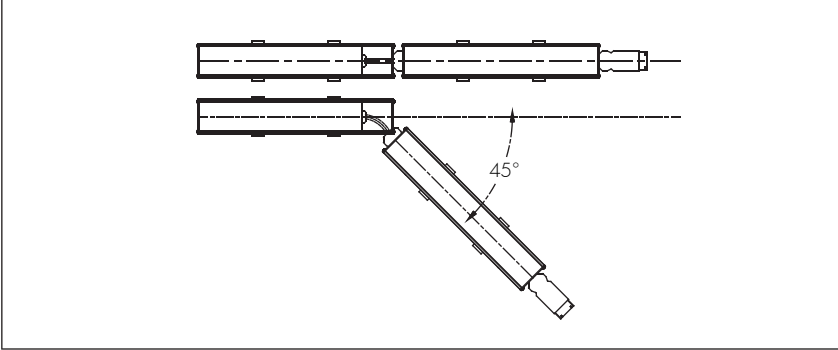
American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/ Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

DMX/RDM
*see CBX installation instructions for more details

STEP 4. CONNECT LEADER CABLE TO J-BOX



MAXIMUM ANGLE ADJUSTMENT



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.

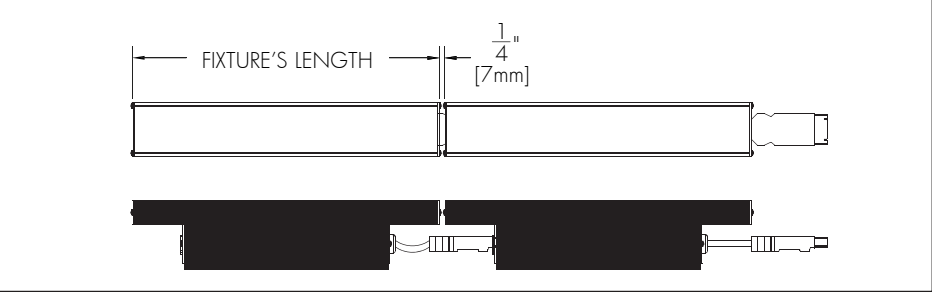
Combined Power & Data Cable Specification

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.

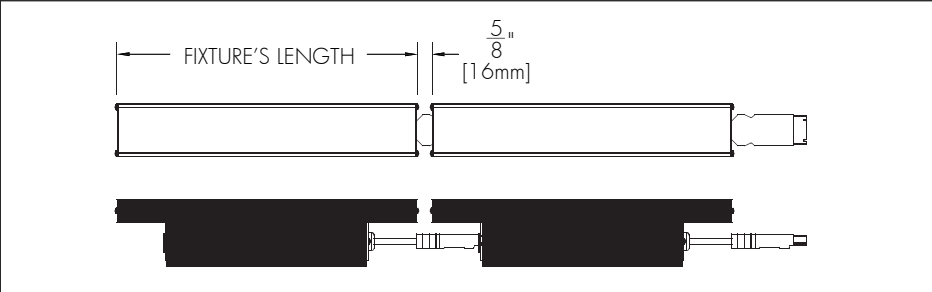
NOTICE

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

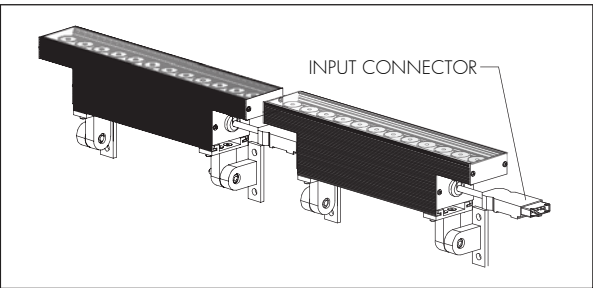
LINEAR MOUNTING - MINIMUM SPACING



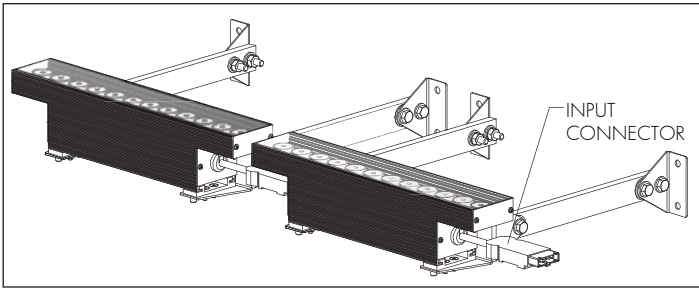
LINEAR MOUNTING - MAXIMUM SPACING



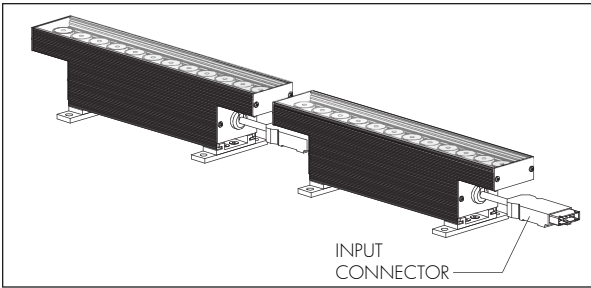
TYPICAL UMAS INSTALLATION



TYPICAL WAM INSTALLATION



TYPICAL UMP INSTALLATION



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