*alum*LED™
SERIES

ALS**600T-CT** | COLOR TUNING
WALL WASHING

- **WALL WASHING**
  10° -60° or Asymmetric Optics

- **FIXED OR ADJUSTABLE**

- **TEMPERED GLASS LENS**

- **LOUVERS**

- **MOUNTING ARMS**
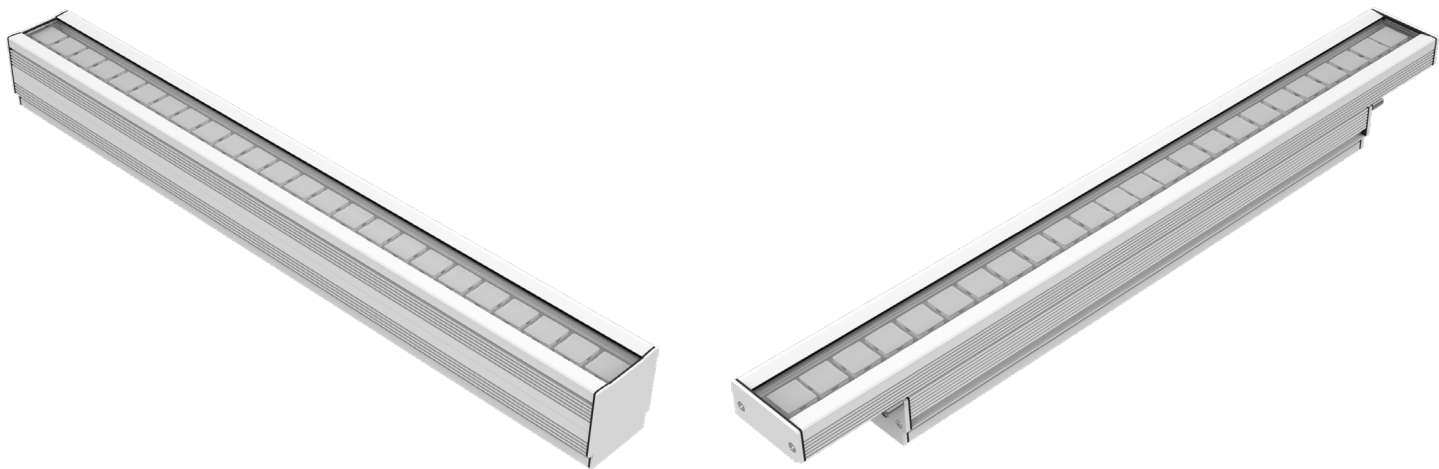
- **DIMMING**
  0-10V | DMX | DALI | Lutron

- **CRI**
  High Output (HO) ⟩ 91

The ALS600T Color Tuning is a new versatile system strategically designed for indoor and outdoor grazing and wall wash applications. This luminaire is offered with a variety of optics, color temperatures, watts per foot, and finish options.
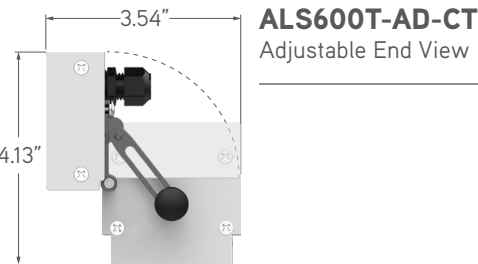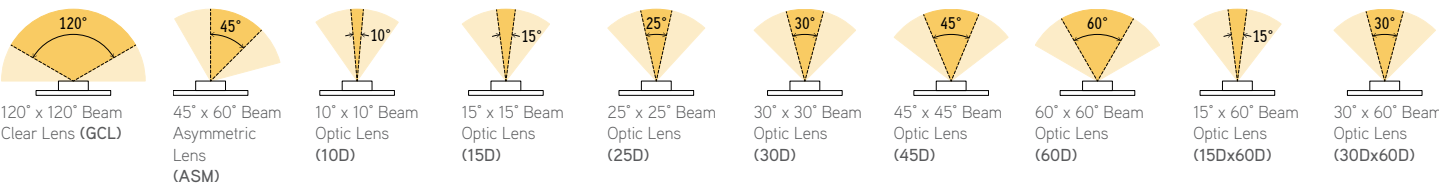
Color Tuning

✓ **TM**-30
✓ **LM**-79
✓ **LM**-80

RoHS COMPLIANT

DRY/WET
IP65
IP67

MADE IN U.S.A.

CALI
CALIFORNIA ACCENT LIGHTING INC
Lighting for the Professional Designer

ALS**600T-CT** PRODUCT FEATURES

ALS600T-CT | Standard Luminaire

ALS600T-AD-CT | Adjustable Luminaire

| 120° x 120° Beam Clear Lens (GCL) | 45° x 60° Beam Asymmetric Lens (ASM) | 10° x 10° Beam Optic Lens (10D) | 15° x 15° Beam Optic Lens (15D) | 25° x 25° Beam Optic Lens (25D) | 30° x 30° Beam Optic Lens (30D) | 45° x 45° Beam Optic Lens (45D) | 60° x 60° Beam Optic Lens (60D) | 15° x 60° Beam Optic Lens (15Dx60D) | 30° x 60° Beam Optic Lens (30Dx60D) |

ALS600T-CT
Standard End View

2.52″
2.69″

ALS600T-AD-CT
Adjustable End View

3.54″
4.13″

FEATURES

APPLICATIONS	Wall Washing Lighting
LENS	Tempered Clear Glass Lens
OPTICS AND ASYMMETRIC	10˚ - 60˚ and Asymmetric Optics
LENGTH	Built to Order (2', 3', or 4' Increments)
CONSTRUCTION	Aluminum Extrusion
DRIVER	Integral
WEIGHT	2.3lbs (1'), 5.6lbs (2'), 7.9lbs (3'), 11.2lbs (4')
MOUNTING	Mounting Clips
LISTING	Dry or Wet (IP65 or IP67) Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, CSA C22.2 #9
TEMPERATURE RATINGS	**Operating / Startup:** -20˚ to 48˚C (-4˚ to 120˚F)
	Storage: -40˚ to 76˚C (-40˚ to 170˚F)

LAMP FEATURES

LAMP TYPE	High Output LEDs (No Mercury)
CRI	⟩ 91

ELECTRICAL

DIMMING	0-10V, DMX, DALI (Type 6), Lutron
MAXIMUM RUN	40' (1.5W, 2W, 3W, 4W, 5W, 6W, 7W
PRIMARY VOLTAGE	120V or 277V (UNV)

4.1.2021

PERFORMANCE

PHOTOMETRIC DATA: 2000K - 3500K

CCT Path vs CRI: 2000K - 3500K
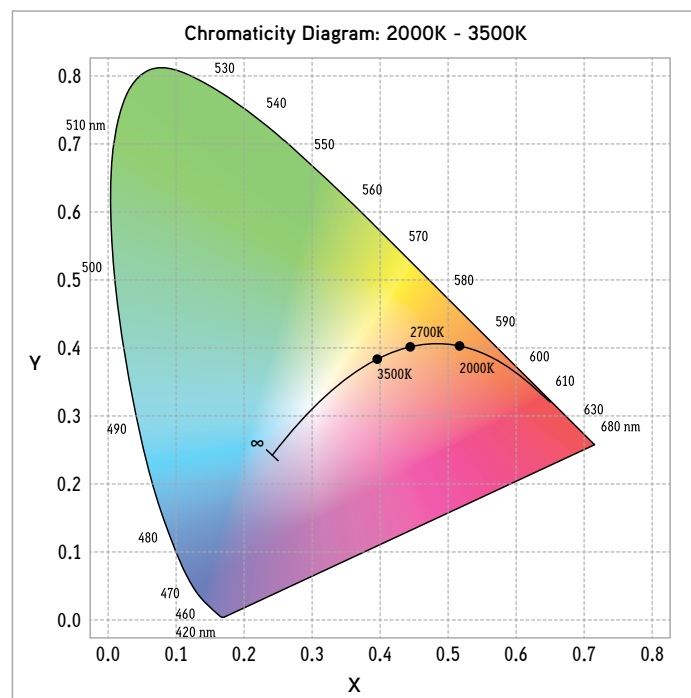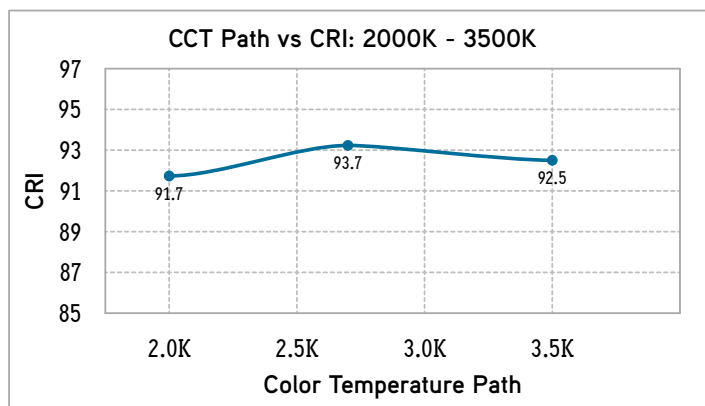
LAMP SPECIFICATIONS

LAMP NUMBER	EFFICACY (LUMENS PER WATT)	L70 LED LIFE
20K - 35K	122	60,000 hours

Note: Lumens per Watt values based on highest tested CCT value (3500K).

Chromaticity Diagram: 2000K - 3500K

PHOTOMETRIC DATA: 2700K - 6500K

CCT Path vs CRI: 2700K - 6500K
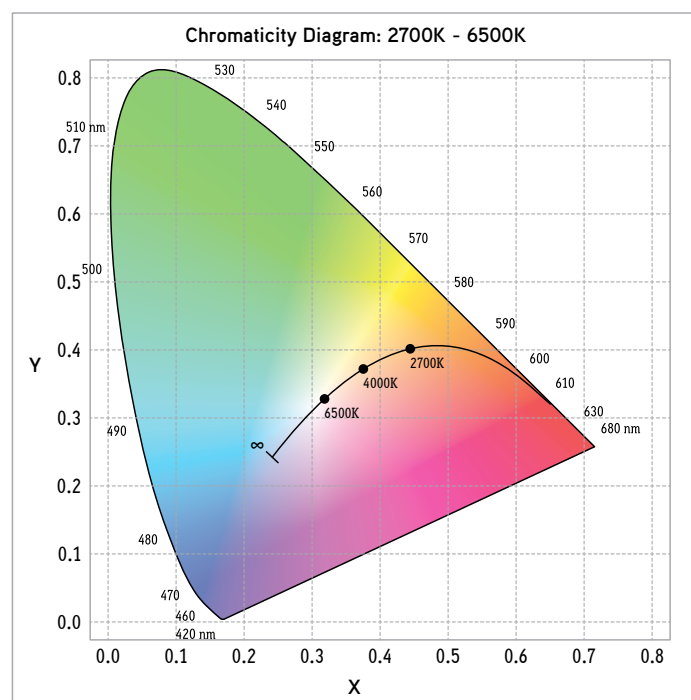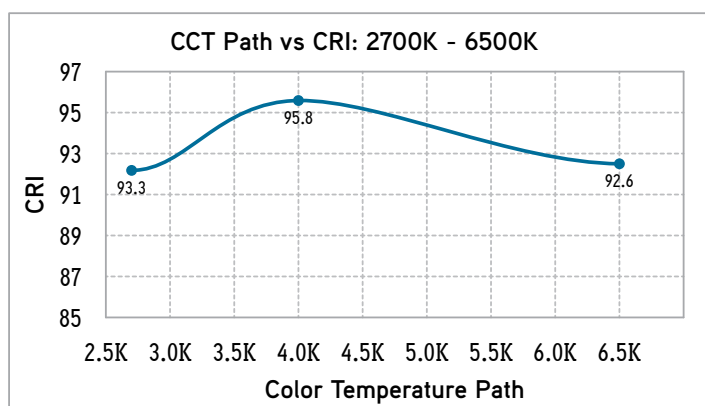
LAMP SPECIFICATIONS

LAMP NUMBER	EFFICACY (LUMENS PER WATT)	L70 LED LIFE
27K-65K	142	60,000 hours

Note: Lumens per Watt values based on highest tested CCT value (6500K).

Chromaticity Diagram: 2700K - 6500K

LENS

ALS600T-CT is built with a tempered clear glass lens that is weather resistant and prevents discoloration. The lens is built to sustain harsh weather environments in heat and cold conditions.

Tempered Clear Glass Lens

ALS600T-CT
Standard

2.52"
2.69"

ALS600T-AD-CT
Adjustable

3.54"
0° - 90° Tilt
4.13"
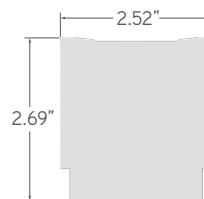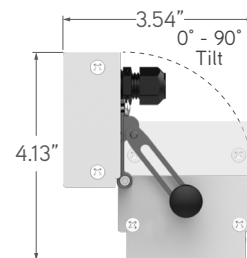
STANDARD COLOR FINISHES

Available in a variety of color options to fit your design.

White

Black

Satin

SERIES	OPTICS	FINISH	CCT GAMUT		WATTS PER FOOT	CONTROL INTERFACE	FEED POINT	LISTING	LUMINAIRE VOLTAGE	LUMINAIRE LENGTH
			LOW CCT	HIGH CCT						
ALS600T-CT	Clear Glass Lens*¹ (CGL)	White (WH)	2000K (20K)	3000K (30K)	1.5 Watts (1.5W)	DALI*² (DALI)	End Feed (EF)	Indoor (DRY)	120V - 277V Line Voltage*⁵ (UNV)	Specify Lengths in 1' Increments Example: 22'
			2200K (22K)	3500K (35K)						
	Asymmetric Lens (ASM)	Black (BK)	2400K (24K)	4000K (40K)	2 Watts (2W)	Lutron Controls*³ (LTR)	Bottom Feed (BF)	Outdoor IP65 (WET)		
			2700K (27K)	4500K (45K)	3 Watts (3W)					
	10˚ x 10˚ (10D)	Satin (SA)		5000K (50K)	4 Watts (4W)	0-10V: 100% - .1% (10V)	Side Feed (SF)	Outdoor IP67 (IP67)		
	15˚ x 15˚ (15D)			5500K (55K)	5 Watts (5W)					
	25˚ x 25˚ (25D)			6000K (60K)	6 Watts (6W)					
	30˚ x 30˚ (30D)			6500K (65K)	7 Watts (7W)					
	45˚ x 45˚ (45D)					DMX-512*⁴ (DMX)				
	60˚ x 60˚ (60D)									
	15˚ x 60˚ (15Dx60D)									
	30˚ x 60˚ (30Dx60D)									

Note: Maximum length for line voltage (Integral Driver) Is 320 watts per run. **Example**: 320 watts ÷ 8 watts per foot = 40 feet max run.

*¹ Clear Glass Lens (120˚)

*² DALI commissioning to be performed by a third party at time of installation. CALI does not provide DALI commissioning.
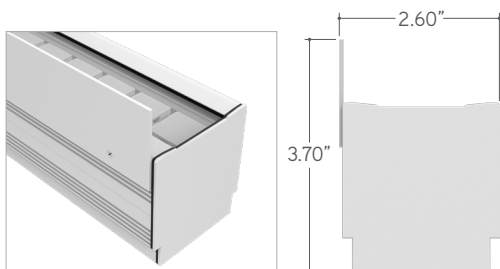
*³ Lutron control devices by others. Consult directly with Lutron for commissioning.

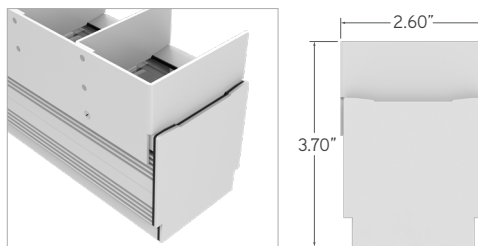*⁴ Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation.

*⁵ Integral drivers wattage sized based on length of run. Example: 5' run x 7 watts per foot = 35 watts. Driver will be sized to 35 watts maximum.

4 *alumLEDs™* | ALS**600T-CT** WALL WASHING | calilighting.com | (800) 921-CALI | CALIFORNIA ACCENT LIGHTING, INC.

4.1.2021
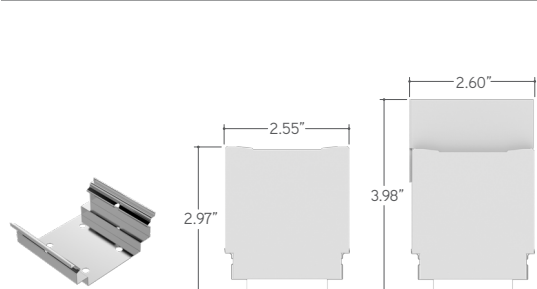
ALS**600T-CT ACCESSORIES**
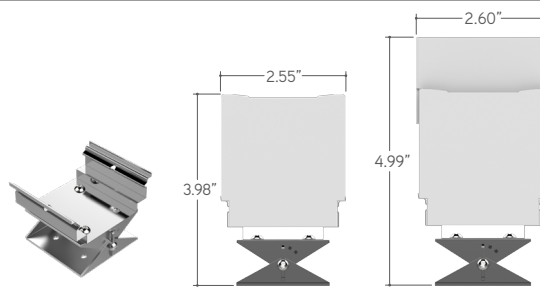

ALS600T-RE1 | Reflector

ALS600T-LVR | Louver
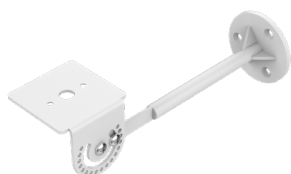
MOUNTING OPTIONS

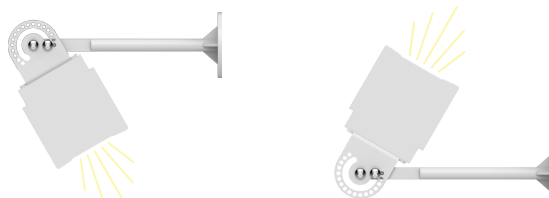Mounting Clip
(ALS600T-MC)

Mounting Clip (Adjustable with Locking Mechanism)
(ALS600T-MC-3)
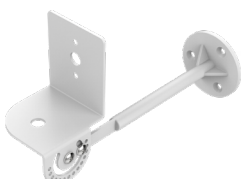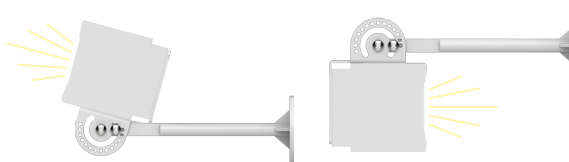

Stake Mounting Clip
**(ALS600T-MC-STK)**

Bottom Mounting Arm (Adjustable)
(ALS600T-AA-BM-X)
(X = Specify Length. 4" Min, 18" Max)

Tilt either direction in 15˚ increments.
Minimum Tilt: -30˚ downward, towards mounting surface
Maximum Tilt: 210˚ upward, towards mounting surface

Side Mounting Arm (Adjustable)
(ALS600T-AA-SM-X)
(X = Specify Length. 4" Min, 18" Max)

Tilt either direction in 15˚ increments.
Minimum Tilt: -105˚ outward, away from mounting surface
Maximum Tilt: 90˚ inward, toward mounting surface

CONNECTORS
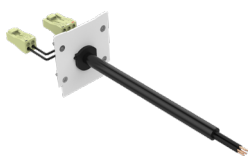
Dry Location Power Connector
(18/6 Gauge Wire
(ALS600T-CT-JC-WET-X)
X = Specify Length
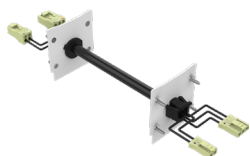
Dry Location Jumper Cable
(ALS600T-CT-JC-WET-X)
X = Specify Length

Wet Location Jumper Cable
(ALS600T-CT-JC-WET-X)
X = Specify Length

4.1.2021

DESIGN GUIDELINES - ALS600T-CT STANDARD
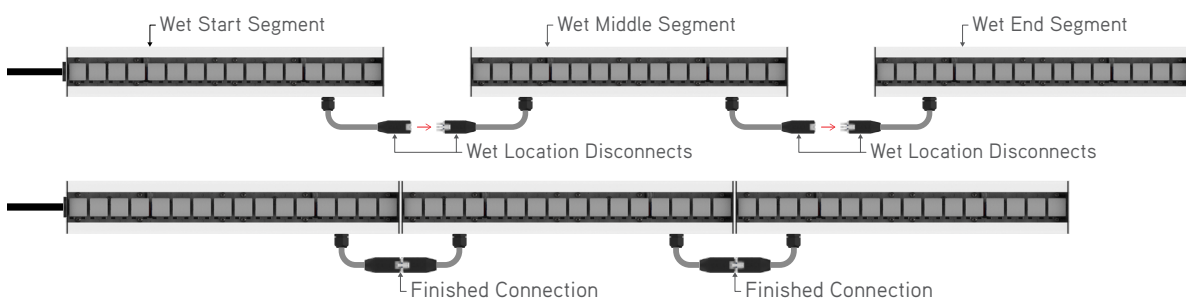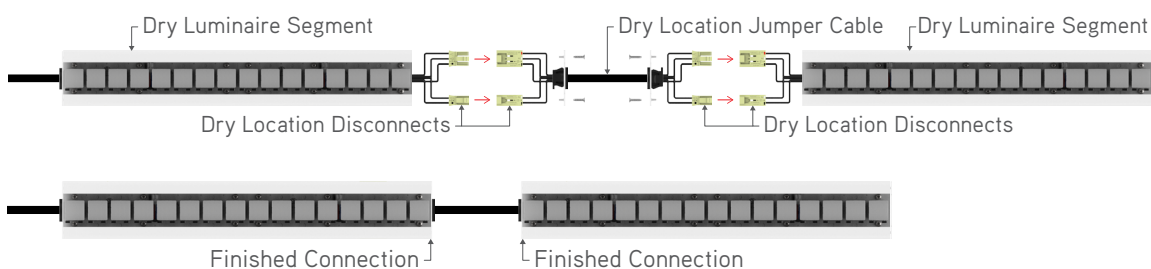
☀ LUMINAIRE SEGMENT | DRY LOCATION

Dry Luminaire Segment

Dry Location Disconnects

☀ POWER CONNECTOR | DRY LOCATION

Dry Location Power Connector — ALS600T — End Cap

Screw — Dry Location Disconnects
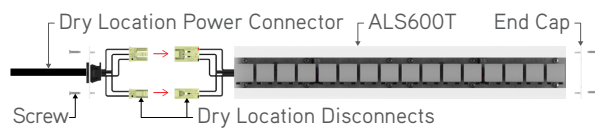
☀ CONTINUOUS RUN | DRY LOCATION

Dry Luminaire Segment — Dry Luminaire Segment — Dry Luminaire Segment

Dry Location Disconnects — Dry Location Disconnects

Finished Connection — Finished Connection
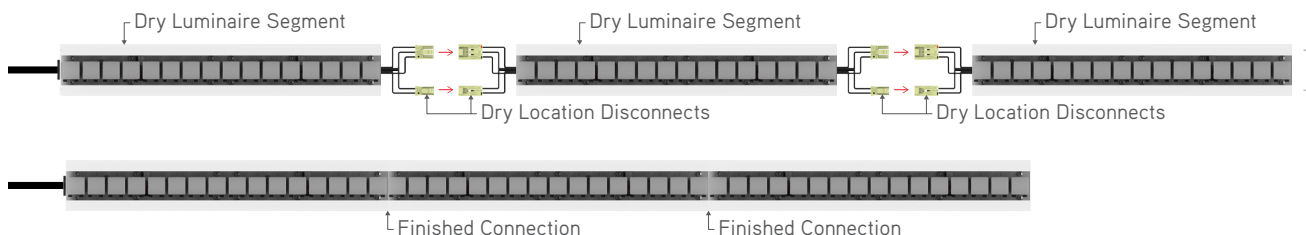
💧 CONTINUOUS RUN | WET LOCATION

Wet Start Segment — Wet Middle Segment — Wet End Segment

Wet Location Disconnects — Wet Location Disconnects

Finished Connection — Finished Connection

☀ RUN WITH JUMPER CABLE | DRY LOCATION

Dry Luminaire Segment — Dry Location Jumper Cable — Dry Luminaire Segment

Dry Location Disconnects — Dry Location Disconnects

Finished Connection — Finished Connection

💧 RUN WITH JUMPER CABLE | WET LOCATION

Wet Start Segment — Wet End Segment

Wet Location Disconnects — Wet Location Disconnects

Finished Connection — Finished Connection
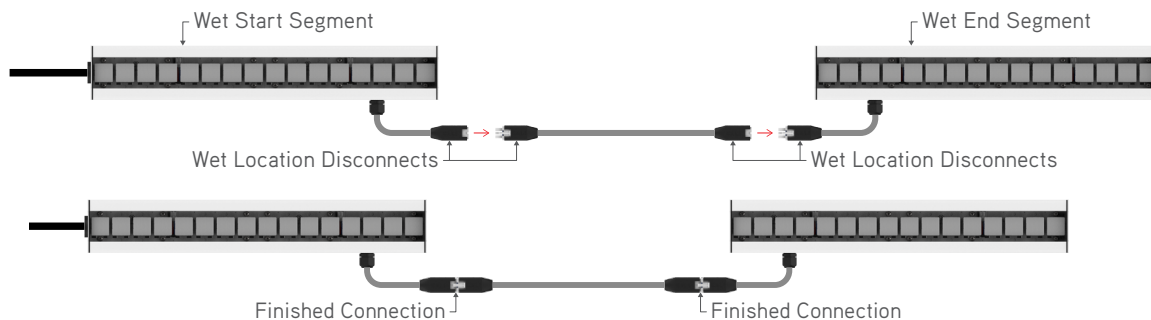
ALS**600T-CT** STANDALONE CONTROL SOLUTIONS

10V Control Switch
(CTRL-CT-10V)

DALI Control Touch Pane
(CTRL-CT-DALI)
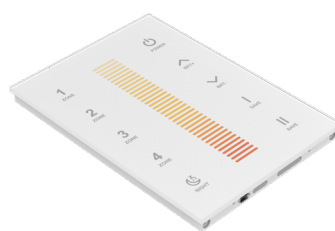
DMX Control Touch Panel
(CTRL-CT-DMX)
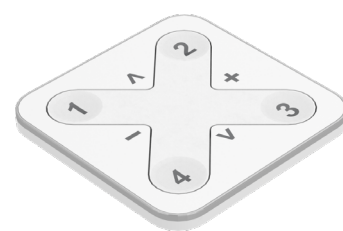
Bluetooth Wireless Control Panel
(CTRL-CT-BT)
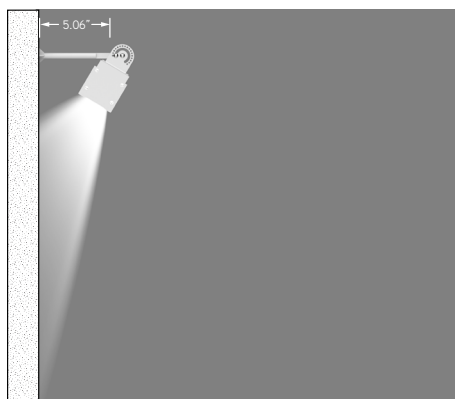
ALS**600T-CT** GRAZING/WALL WASH DESIGN GUIDELINES

3.00"
Minimum

1.25"
Minimum

ALS600T-MC

4.50"
Minimum

12"
Minimum
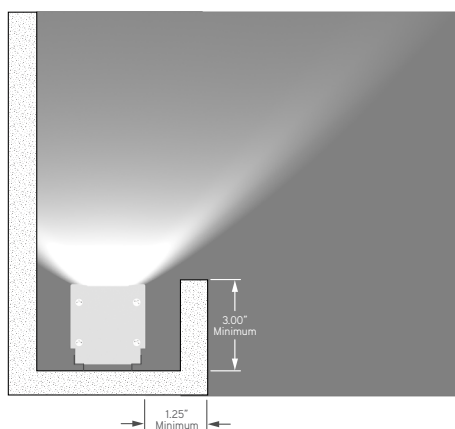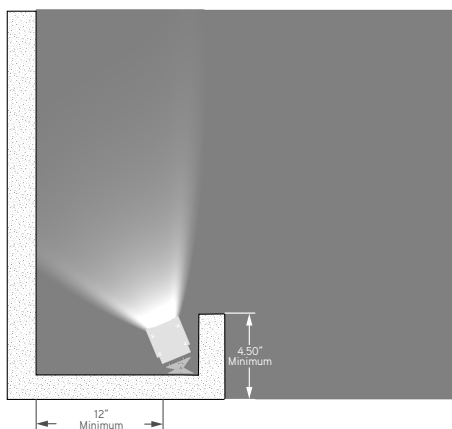
ALS600T-MC-3 | Adjustable

5.13"
Minimum
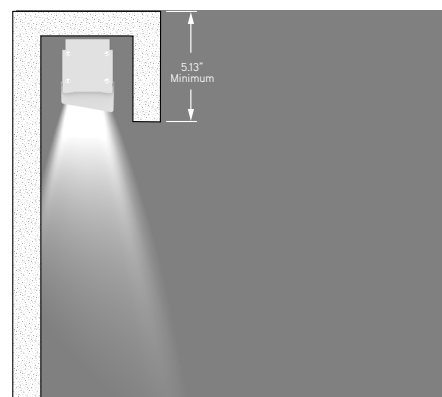
ALS600T-MC | Louver Accessory

5.06"

ALS600T-AA-BM-X (X = Specify Length)
Bottom Mounting Arm | Adjustable

5.06"

ALS600T-AA-SM-X (X = Specify Length)
Side Mounting Arm | Adjustable

5.06"
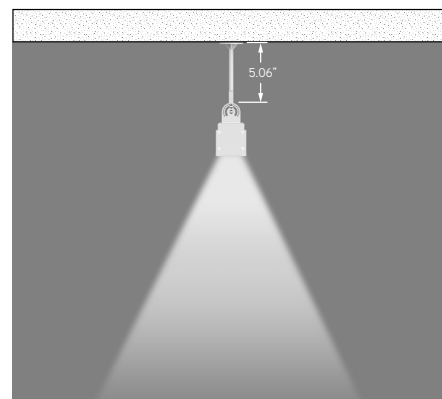
ALS600T-AA-BM-X (X = Specify Length)
Bottom Mounting Arm | Adjustable

ALS**600T-AD-CT** ACCESSORIES
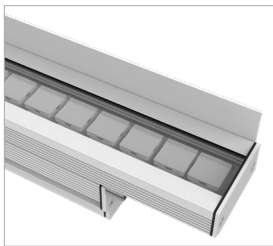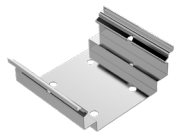

ALS600T-AD RE1 | Reflector
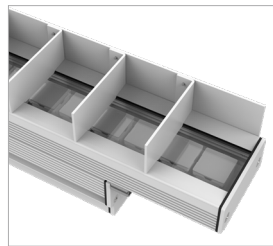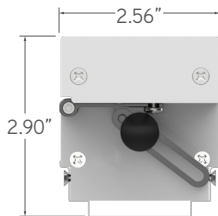
ALS600T-AD-LVR | Louver
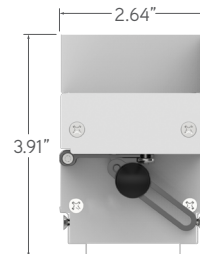
0° Tilt (Minimum)
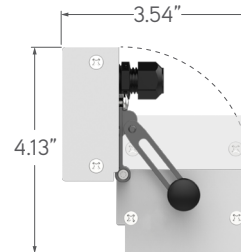
90° Tilt (Maximum)
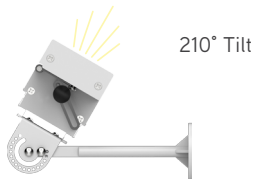
Mounting Options

Mounting Clip
(ALS600T-AD-MC)

Bottom Mounting Arm (Adjustable)
(ALS600T-AD-AA-BM-X)
(X = Specify Length. Min: 4", Max: 18')
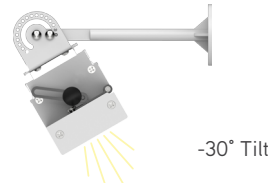
Side Mounting Arm (Adjustable)
(ALS600T-AD-AA-SM-X)
(X = Specify Length. Min: 4", Max: 18')

Stake Mounting Clip
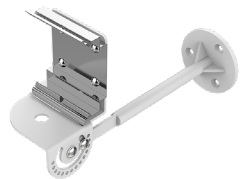**(ALS600T-AD-MC-STK)**

0° Tilt (Minimum)

90° Tilt (Maximum)

210° Tilt

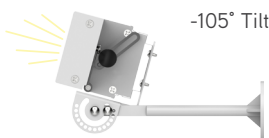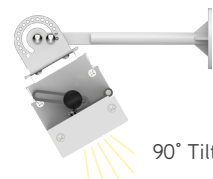-30° Tilt

Tilt either direction in 15° increments.
Minimum Tilt: -30° downward, towards mounting surface
Maximum Tilt: 210° upward, towards mounting surface

-105° Tilt

90° Tilt

Tilt either direction in 15° increments.
Minimum Tilt: -105° outward, away from mounting surface
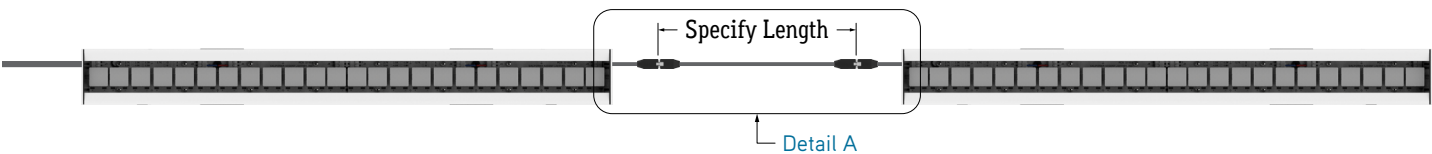Maximum Tilt: 90° inward, towards mounting surface

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DESIGN GUIDELINES - ALS600T-AD-CT ADJUSTABLE

⌂☀ DRY or 💧 WET LOCATION | Individual Fixture

Up to 4'

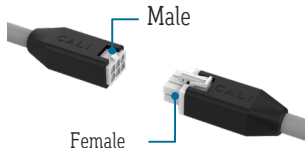⌂☀ DRY or 💧 WET LOCATION | Fixtures with Jumper Cable

Specify Length

Detail A

⌂☀ DRY or 💧 WET LOCATION | Continuous Run | **Note**: Lengths exceeding max run will be split.

12'
4'   4'   4'

Detail B

12'
4'   4'   4'

Detail C

Male

Female
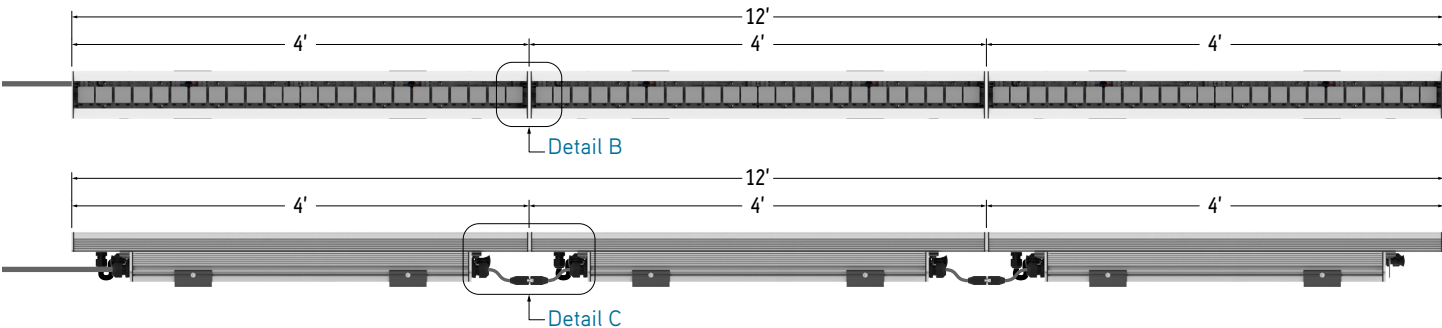
⌂☀ 💧 Detail A
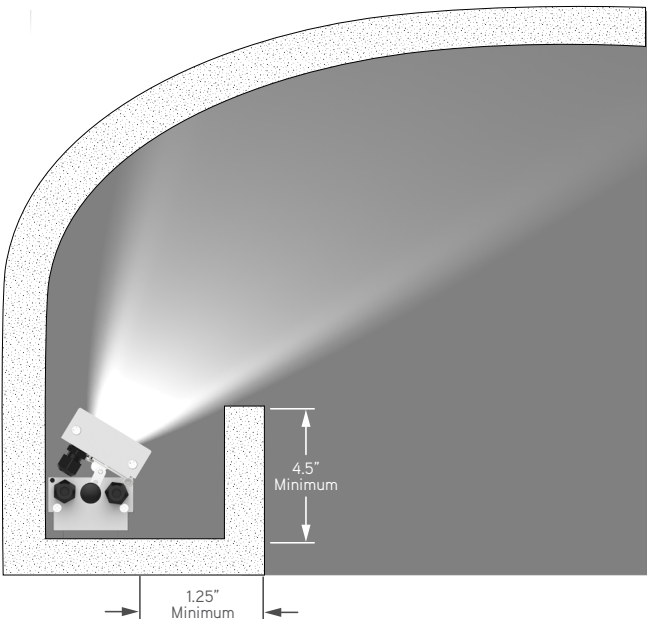Jumper Cable
(ALS600T-AD-JC-X)
(X=Specify Length)
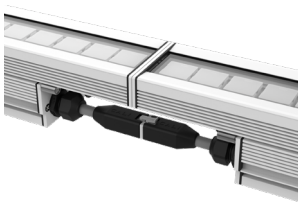
⌂☀ 💧 Detail B
Continuous Connection
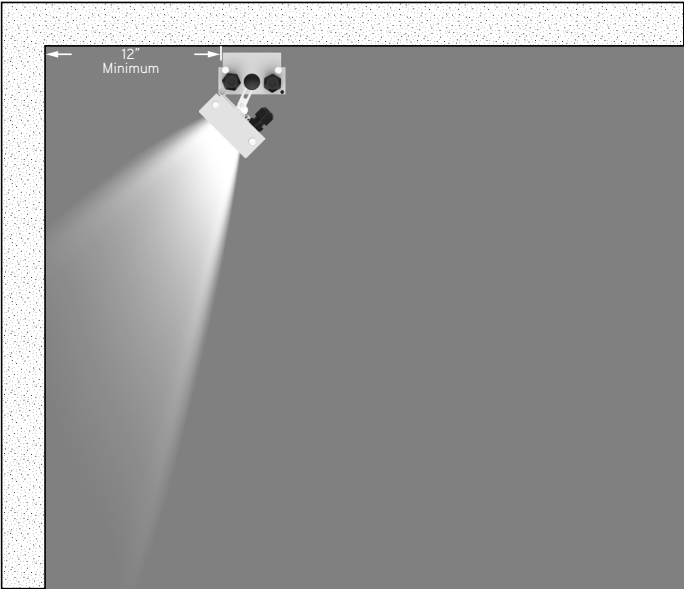(5 Pole)

⌂☀ 💧 Detail C
Quick Disconnects
(Included)

ALS600T-AD-CT GRAZING/WALL WASH DESIGN GUIDELINES

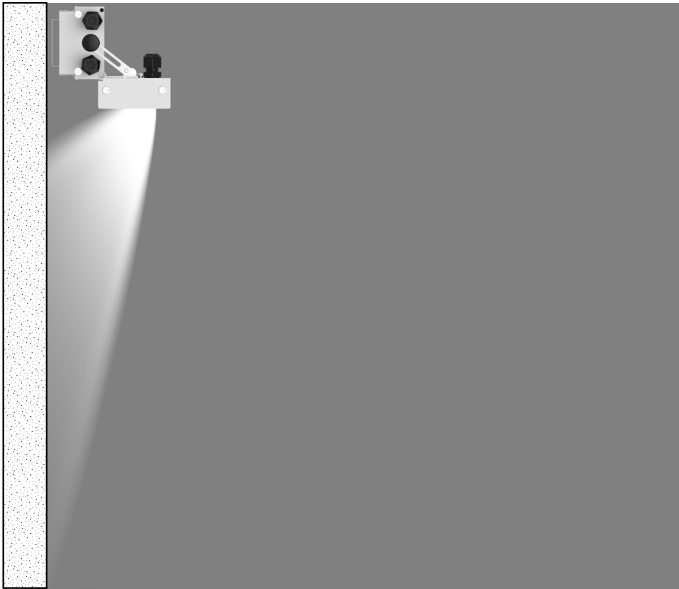**4.5"** Minimum

1.25" Minimum

ALS600T-AD-MC

4.5" Minimum

12" Minimum

ALS600T-AD-MC | Adjustable

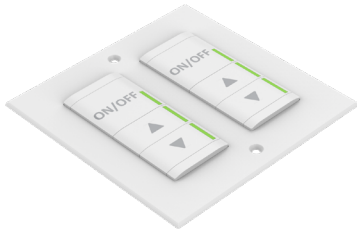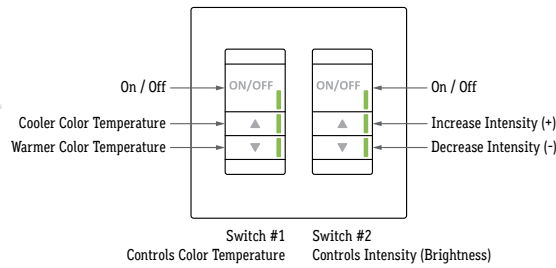**12"** Minimum
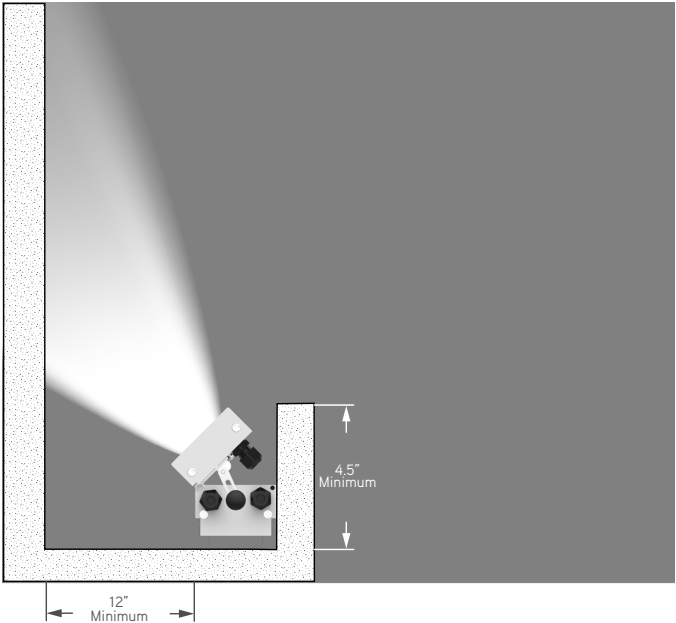
ALS600T-AD-MC | Adjustable

ALS600T-AD-MC | Adjustable

4.1.2021

STANDALONE CONTROL SOLUTIONS

10V CONTROL SWITCH (Sold Separately)

10V Control Switch
(CTRL-CT-10V)

On / Off
Cooler Color Temperature
Warmer Color Temperature

On / Off
Increase Intensity (+)
Decrease Intensity (-)

ON/OFF   ON/OFF

Switch #1   Switch #2
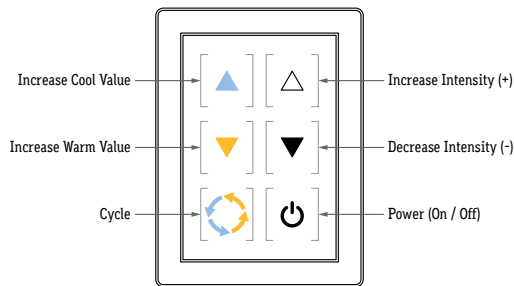Controls Color Temperature   Controls Intensity (Brightness)

FEATURES
• Two switches are used to operate Color Tuning with 10V controls. One switch controls the color temperature and the other switch controls intensity / brightness.

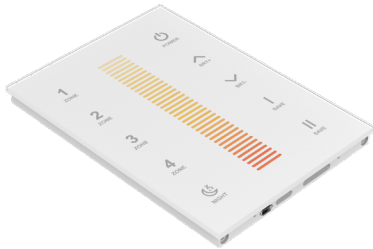## DALI TOUCH PANEL (Sold Separately)

DALI Control Touch Panel
(CTRL-CT-DALI)

Increase Cool Value
Increase Warm Value
Cycle

Increase Intensity (+)
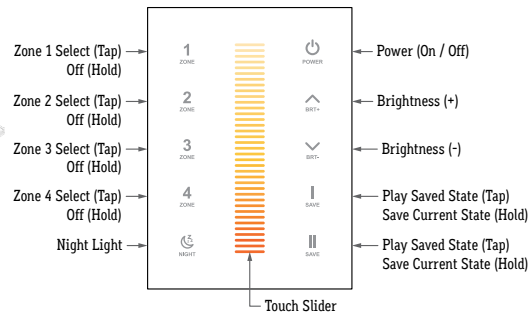Decrease Intensity (-)
Power (On / Off)

FEATURES
• The Touch Panel is connected directly to the DALI line.
• The color temperature range can be defined by the user.
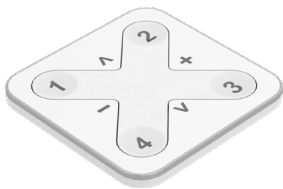
DMX TOUCH PANEL (Sold Separately)

DMX Control Touch Panel
(CTRL-CT-DMX)

Zone 1 Select (Tap) / Off (Hold)
Zone 2 Select (Tap) / Off (Hold)
Zone 3 Select (Tap) / Off (Hold)
Zone 4 Select (Tap) / Off (Hold)
Night Light

1 ZONE
2 ZONE
3 ZONE
4 ZONE
NIGHT

POWER
BRT+
BRT-
SAVE
SAVE

Power (On / Off)
Brightness (+)
Brightness (-)
Play Saved State (Tap) / Save Current State (Hold)
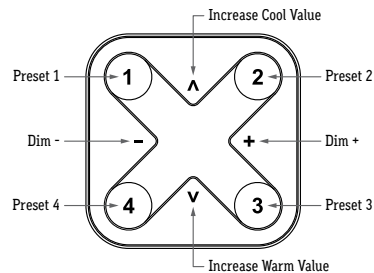Play Saved State (Tap) / Save Current State (Hold)

Touch Slider

FEATURES
• Allows wireless control with WiFi or remote controller.
• Controls up to 4 zones of lighting.
• 2 saved scenes.
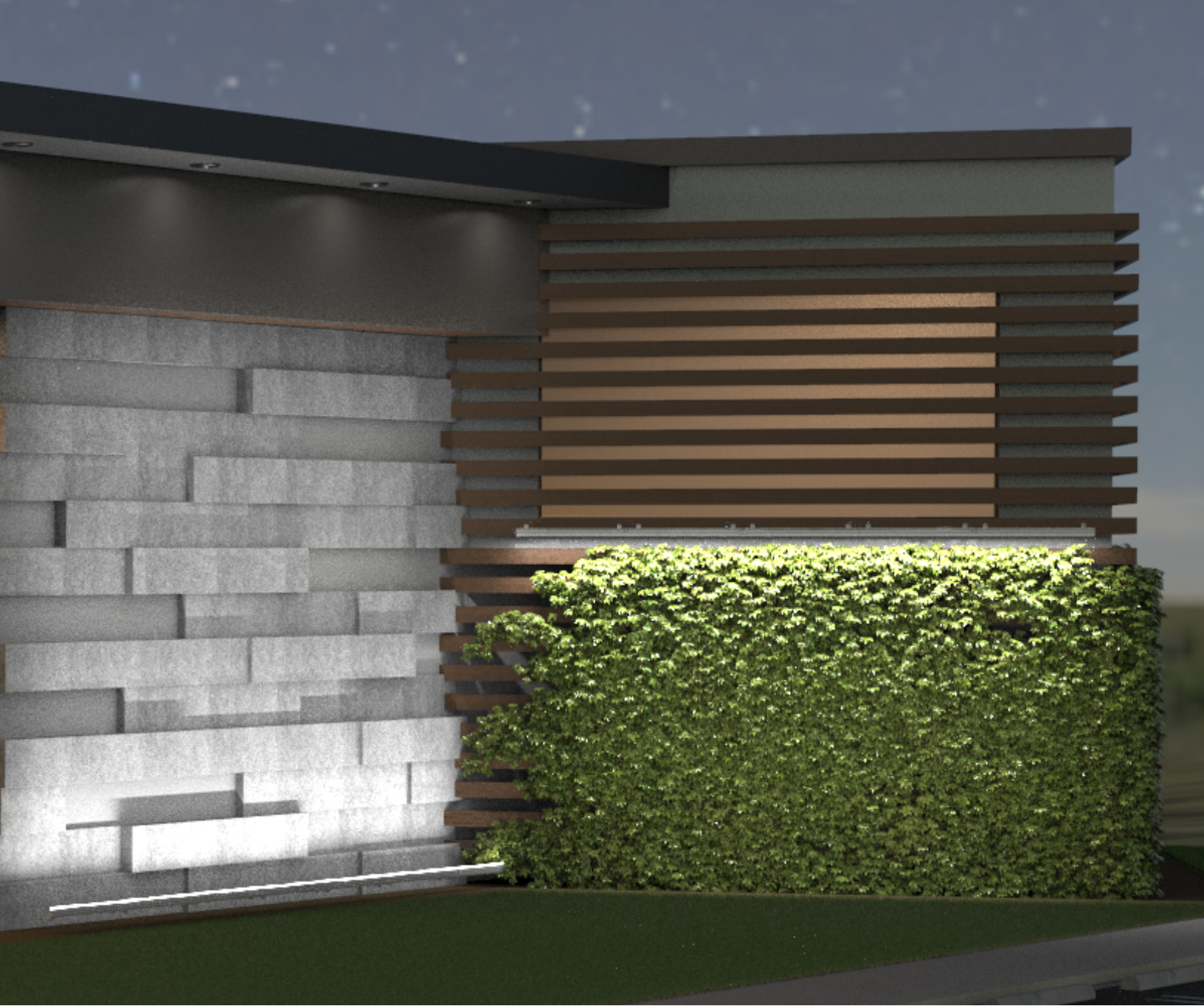
BLUETOOTH WIRELESS CONTROL PANEL (Sold Separately)

Bluetooth Wireless Control Panel
(CTRL-CT-BT)

Increase Cool Value
Preset 1
Dim -
Preset 4

Preset 2
Dim +
Preset 3
Increase Warm Value

FEATURES
• Battery powered, wireless connection.
• 4 saved scenes.
• Individual or group control of luminaires.

4.1.2021

CALI

CALIFORNIA ACCENT LIGHTING, INC.

2820 E. Gretta Lane, Anaheim, CA 92806

ph. 800.921.CALI | fx. 714.535.7902 | info@calilighting.com | calilighting.com

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