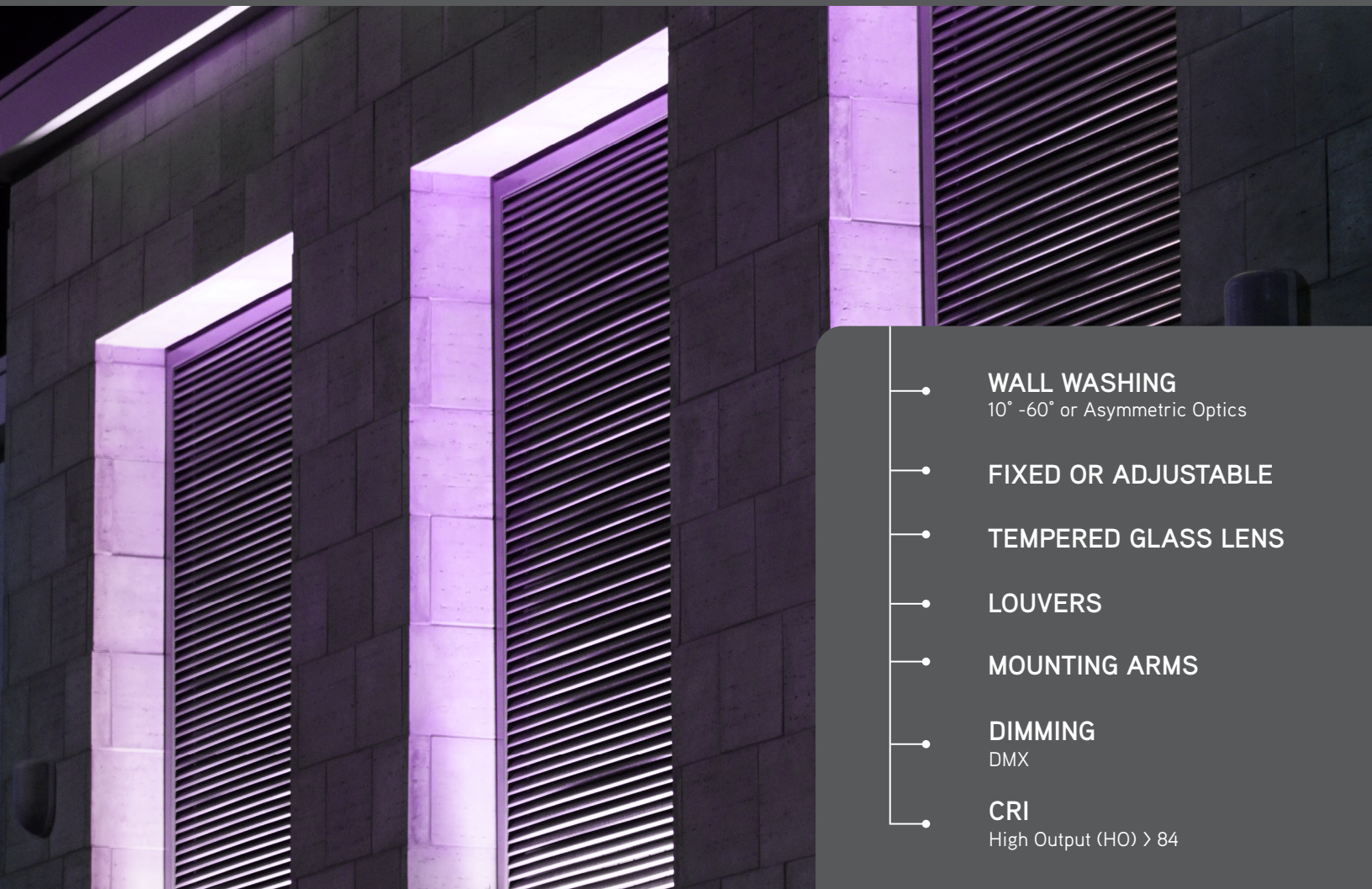


alumLED™
SERIES

ALS600T-RGBW | WALL
WASHING



WALL WASHING

10° -60° or Asymmetric Optics

FIXED OR ADJUSTABLE

TEMPERED GLASS LENS

LOUVERS

MOUNTING ARMS

DIMMING

DMX

CRI

High Output (HO) > 84

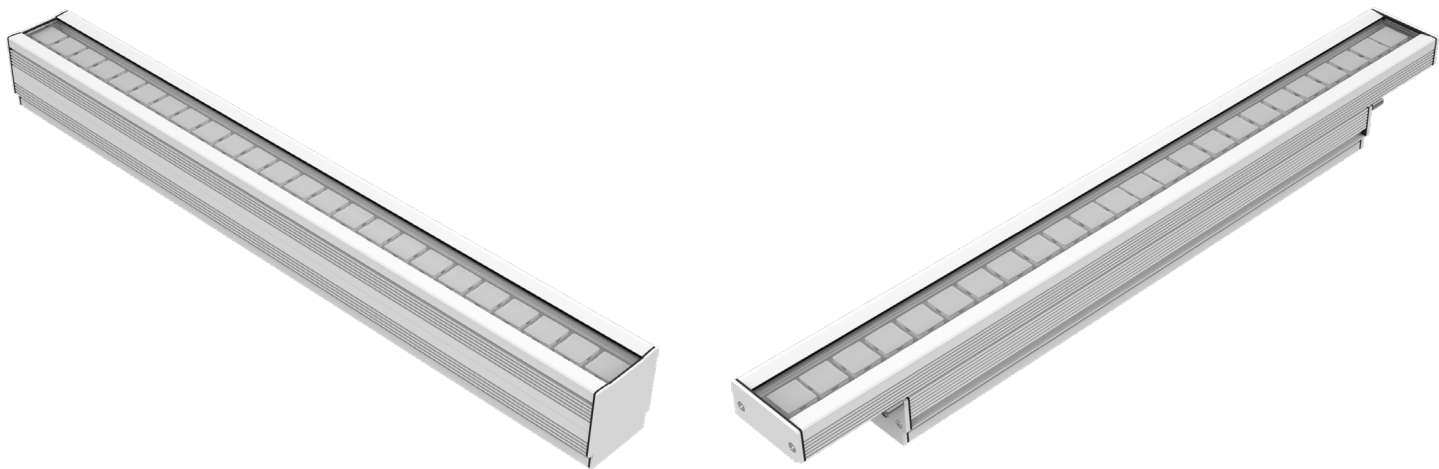
The ALS600T RGBW is a new versatile system strategically designed for indoor and outdoor grazing and wall wash applications. This luminaire is offered with a variety of optics, color temperatures, watts per foot, and finish options.



CALI
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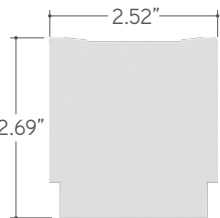
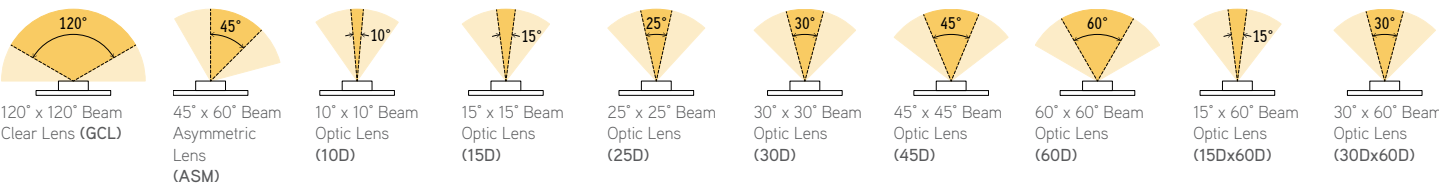
Lighting for the Professional Designer

ALS600T-RGBW PRODUCT FEATURES

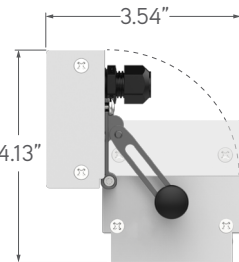


ALS600T-RGBW | Standard Luminaire

ALS600T-AD-RGBW | Adjustable Luminaire



ALS600T-RGBW
Standard End View

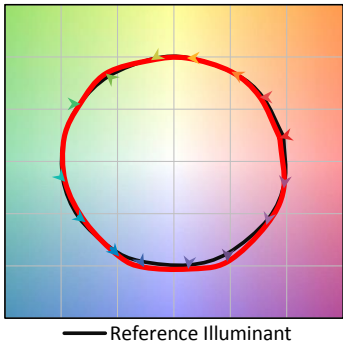


ALS600T-AD-RGBW
Adjustable End View

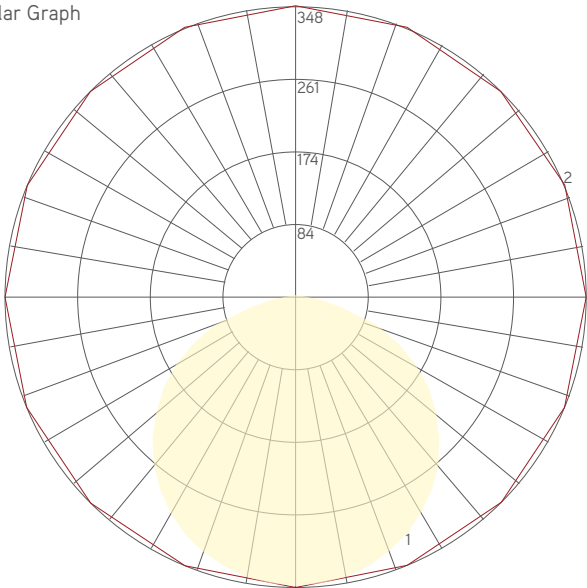
FEATURES	
APPLICATIONS	Wall Washing Lighting
LENS	Tempered Clear Glass Lens
OPTICS AND ASYMMETRIC	10° - 60° and Asymmetric Optics
ALS600T LENGTH	Built to Order (2', 3', or 4' Increments)
CONSTRUCTION	Aluminum Extrusion
DRIVER	Integral
ALS600T WEIGHT	5.6 lbs (2'), 7.9 lbs (3'), 11.2 lbs (4')
MOUNTING	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 FEATURE	
LAMP TYPE	High Output LEDs (No Mercury)
CRI	> 84 (Based on White @ Full Output)
ELECTRICAL	
DIMMING	DMX
MAXIMUM RUN (LINE VOLTAGE)	40' (3W, 5W, 6W, 8W)
	35' (9W), 26' (12W), 21' (15W), 17' (18W)
PRIMARY VOLTAGE	120V or 277V (UNV)

PERFORMANCE

Color Vector Graphic

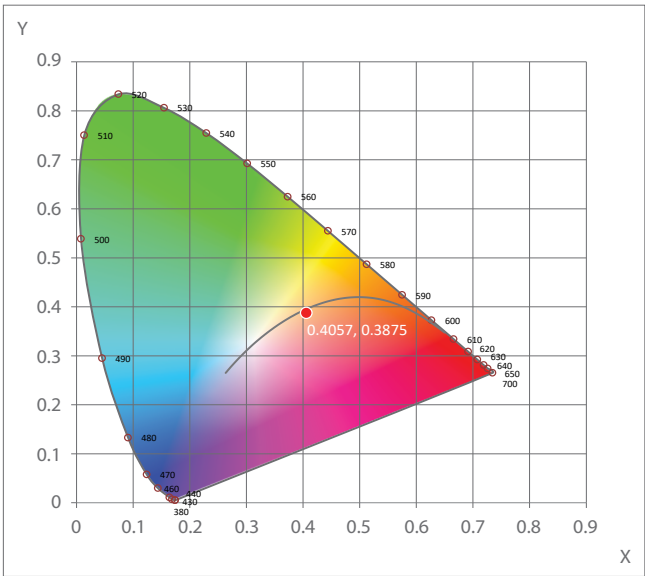


Polar Graph



Maximum Candela = 348.24 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

Chromaticity Diagram



DIMMING

ALS600T has a unique 0-10V dimming capability. This luminaire is one of the newest versatile additions to the *alumLEDs™* family. ALS600T has a 100-0% dim to dark feature that shuts off and re-starts at the designated dimming level.

OUTPUT

Performing at a very high output, the ALS600T is unique in its performance. ALS600T has an impressive Color Rendering Index greater than 90 and has tested along the black locus line using the 3-step binning process.

TM-30

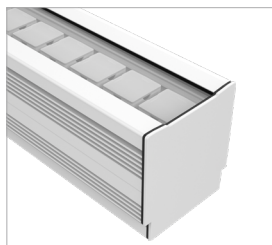
METRIC	RESULT	NOTES
R _f	90	IES TM-30-15 Fidelity Index
R _g	101	IES TM-30-15 Gamut Index
CIE R _a	95	CIE Test Color Method General Index
R ₉	72	CIE Test Color Method Sample Nine Score
R _{f, skin}	96	Average of CES15 and CES18 (skin)
CCT	3465	Correlated Color Temperature
D _{uv}	-0.0015	Distance from the blackbody locus
x	0.4057	CIE 1931 chromaticity coordinate
y	0.3875	CIE 1931 chromaticity coordinate
u	0.2373	CIE 1960 chromaticity coordinate
v	0.3400	CIE 1960 chromaticity coordinate
u'	0.2373	CIE 1976 chromaticity coordinate
v'	0.5100	CIE 1976 chromaticity coordinate

LAMP SPECIFICATIONS

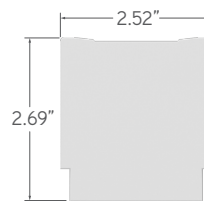
LAMP NUMBER	CORRELATED COLOR TEMPERATURE	EFFICACY (Lumens per Watt)	L70 LED LIFE
RGBW	Red, Green, Blue, White. All Colors @ Full Output	78	40,000 hrs.
R	Red @ Full Output	56	
G	Green @ Full Output	79	
B	Blue @ Full Output	45	
W	White (3000K) @ Full Output	124	

LENS

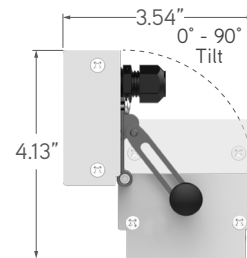
ALS600T-RGBW is built with a tempered clear glass lens that is weather resistant and prevents discoloration. The lens is built to sustain harsh weather environments in heat and cold conditions.



Tempered Clear Glass Lens



ALS600T-RGBW Standard



ALS600T-AD-RGBW Adjustable

STANDARD COLOR FINISHES

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



White



Black



Satin

SERIES	LED	OPTICS	FINISH	WATTS PER FOOT	DIMMING	FEED POINT	LISTING	LUMINAIRE VOLTAGE	LUMINAIRE LENGTH
ALS600T	Color Changing: Red, Green, Blue, 3000K White (RGBW)	Clear Glass Lens* ¹ (CGL)	White (WH)	3 Watts: 372 Lumens/ft (3W)	DALI-512* ² (DALI)	End Feed (EF)	Indoor (DRY)	120V - 277V Line Voltage* ³ (UNV)	Specify Lengths in 1' Increments Example: 22'
		Asymmetric Lens (ASM)	Black (BK)	5 Watts: 620 Lumens/ft (5W)		Bottom Feed (BF)	Outdoor IP65 (WET)		
		10° x 10° (10D)	Satin (SA)	6 Watts: 744 Lumens/ft (6W)		Side Feed (SF)	Outdoor IP67 (IP67)		
		15° x 15° (15D)							
		25° x 25° (25D)		8 Watts: 992 Lumens/ft (8W)					
		30° x 30° (30D)							
		45° x 45° (45D)							
		60° x 60° (60D)							
		15° x 60° (15Dx60D)		15 Watts: 1860 Lumens/ft (15W)					
		30° x 60° (30Dx60D)		18 Watts: 2232 Lumens/ft (18W)					

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

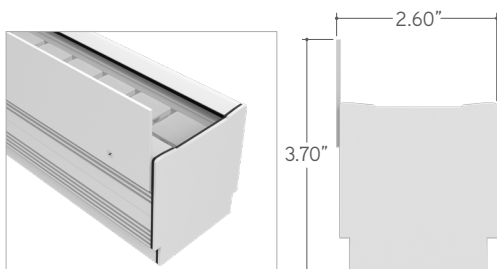
*¹ Clear Glass Lens (120°)

*² Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation. 2' minimum luminaire length.

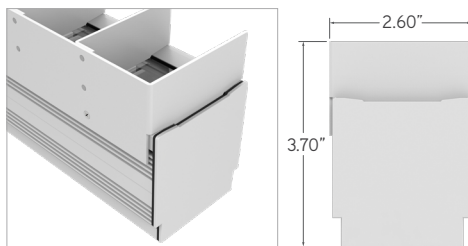
*³ Integral drivers wattage sized based on length of run. Example: 5' run x 3 watts per foot = 15 watts. Driver will be sized to 15 watts maximum.

*⁴ Lengths that deviate from the 1' increment will be sized to the nearest smaller increment.

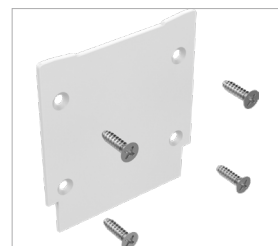
ALS600T-RGBW ACCESSORIES



ALS600T-RE1 | Reflector

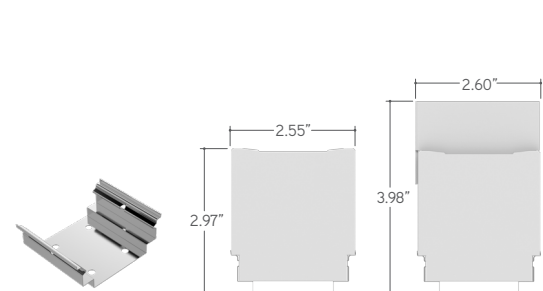


ALS600T-LVR | Louver

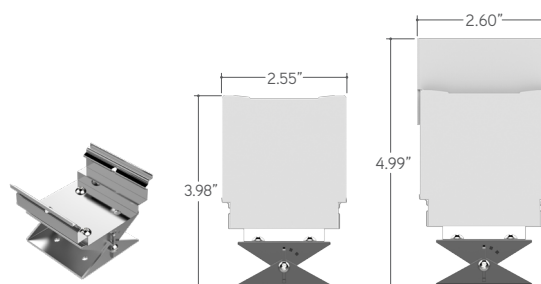


ALS600T-EC
Dry Location End Cap

MOUNTING OPTIONS



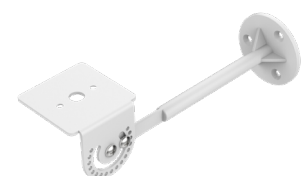
Mounting Clip
(**ALS600T-MC**)



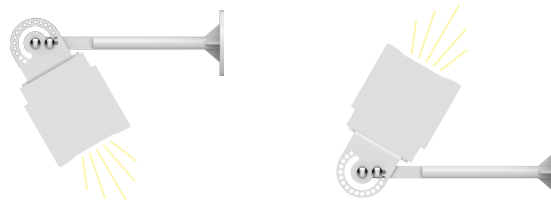
Mounting Clip (Adjustable with Locking Mechanism)
(**ALS600T-MC-3**)



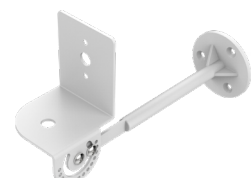
Stake Mounting Clip
(**ALS600T-MC-STK**)



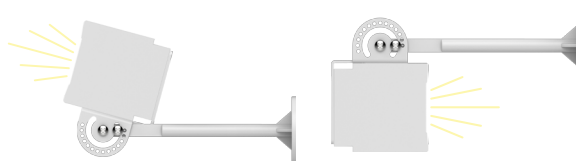
Bottom Mounting Arm (Adjustable)
(**ALS600T-AA-BM-X**)
(X = Specify Length. 4" Min, 18" Max)



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

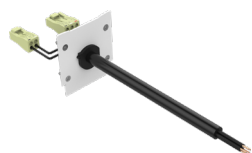


Side Mounting Arm (Adjustable)
(**ALS600T-AA-SM-X**)
(X = Specify Length. 4" Min, 18" Max)

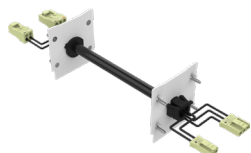


Tilt either direction in 15° increments.
Minimum Tilt: -105° outward, away from mounting surface
Maximum Tilt: 90° inward, toward mounting surface

CONNECTORS



Dry Location Power Connector
(18/6 Gauge Wire)
(**ALS600T-RGBW-JC-WET-X**)
X = Specify Length



Dry Location Jumper Cable
(**ALS600T-RGBW-JC-WET-X**)
X = Specify Length



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

DMX CONTROLLERS



Standard DMX Controller
(**DMX-128C**)



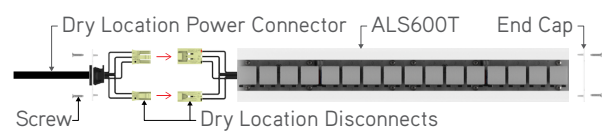
Color Wheel DMX Controller
(**DMX-1024C**)

DESIGN GUIDELINES - ALS600T-RGBW STANDARD

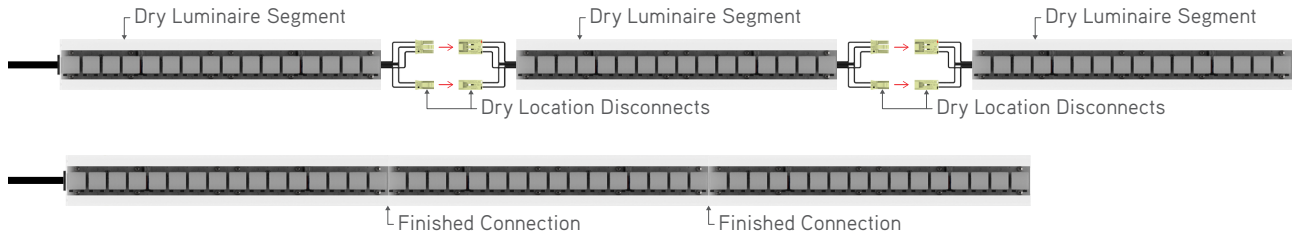
LUMINAIRE SEGMENT | DRY LOCATION



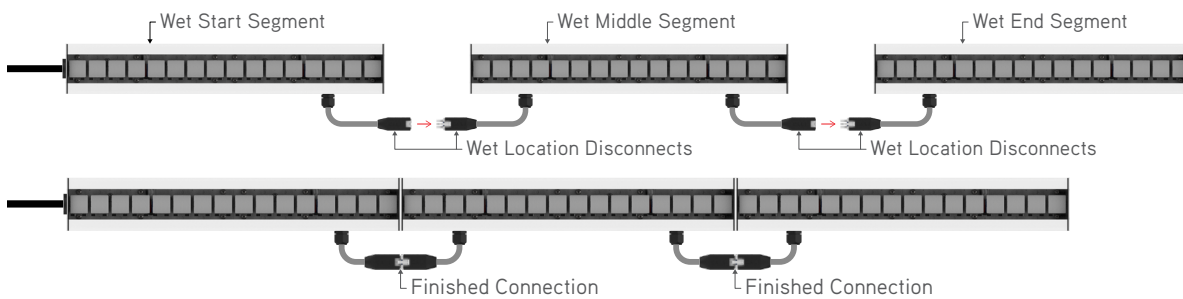
POWER CONNECTOR | DRY LOCATION



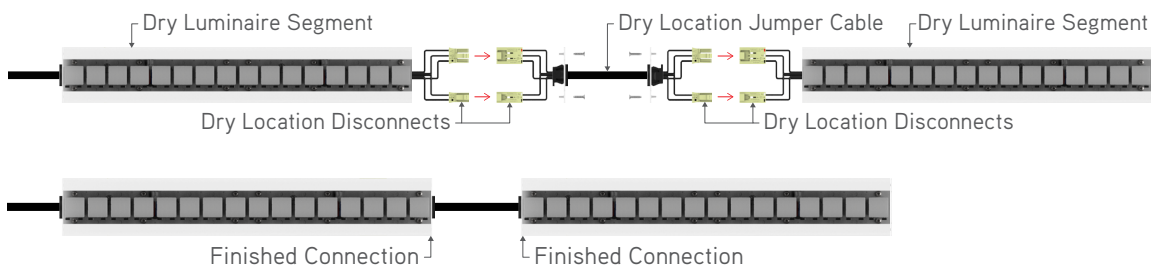
CONTINUOUS RUN | DRY LOCATION



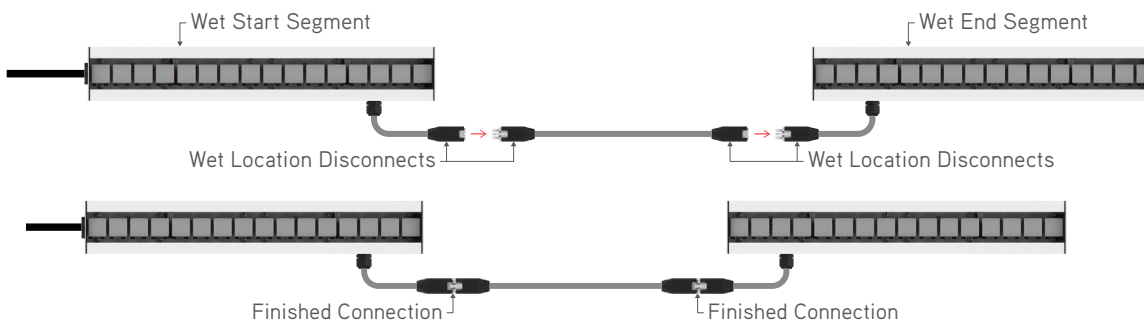
CONTINUOUS RUN | WET LOCATION



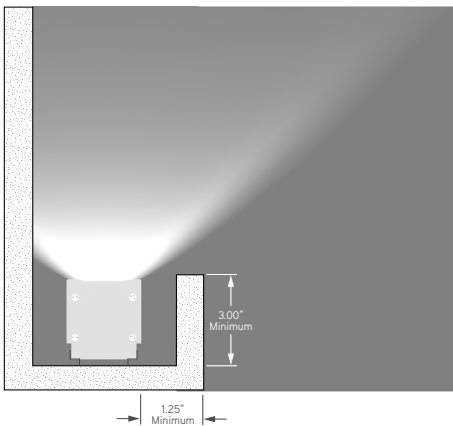
RUN WITH JUMPER CABLE | DRY LOCATION



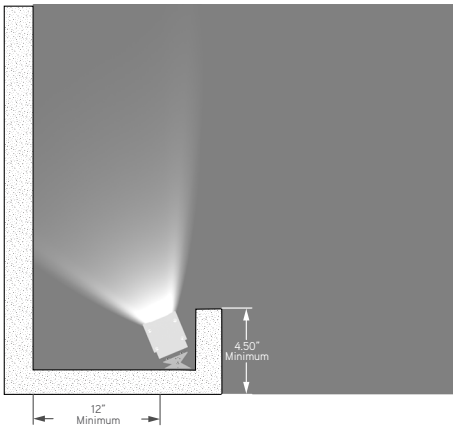
RUN WITH JUMPER CABLE | WET LOCATION



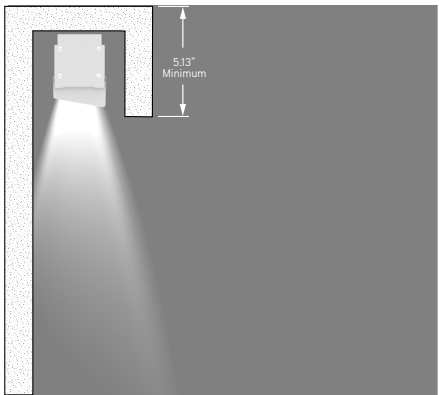
ALS600T-RGBW GRAZING/WALL WASH DESIGN GUIDELINES



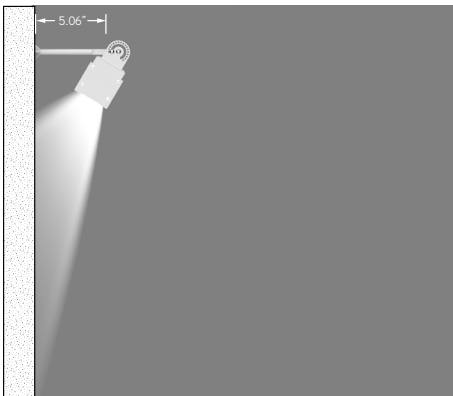
ALS600T-MC



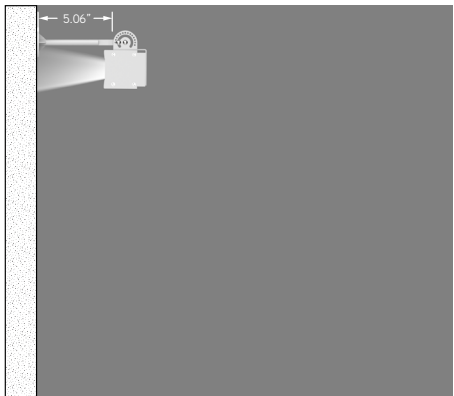
ALS600T-MC-3 | Adjustable



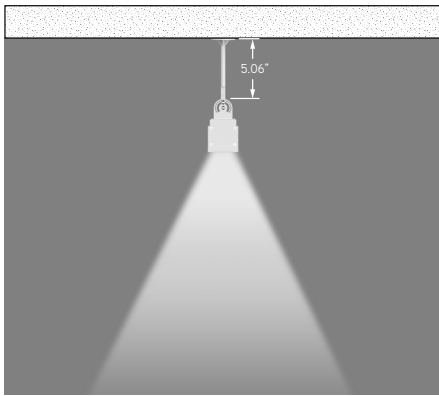
ALS600T-MC | Louver Accessory



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

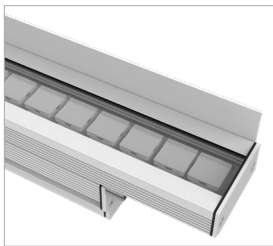


ALS600T-AA-SM-X (X = Specify Length)
Side Mounting Arm | Adjustable

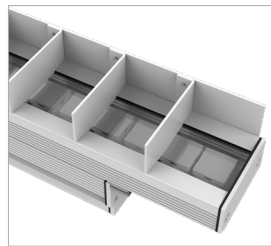
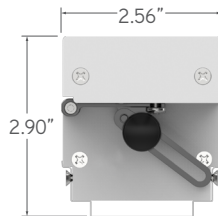


ALS600T-AA-BM-X (X = Specify Length)
Bottom Mounting Arm | Adjustable

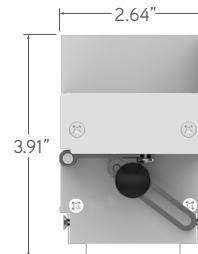
ALS600T-AD-RGBW ACCESSORIES



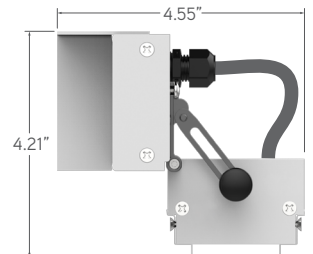
ALS600T-AD RE1 | Reflector



ALS600T-AD-LVR | Louver

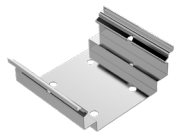


0° Tilt (Minimum)

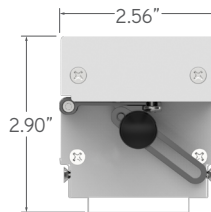


90° Tilt (Maximum)

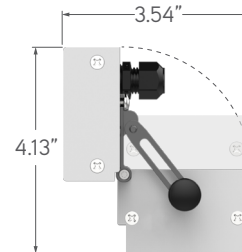
Mounting Options



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



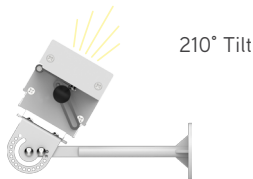
0° Tilt (Minimum)



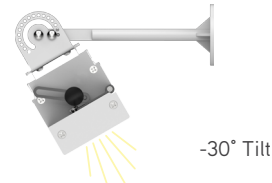
90° Tilt (Maximum)



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

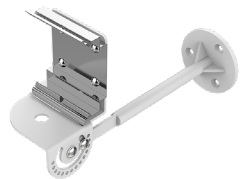


210° Tilt

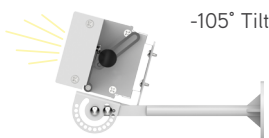


-30° Tilt

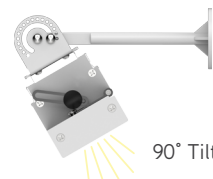
Tilt either direction in 15° increments.
Minimum Tilt: -30° downward, towards mounting surface
Maximum Tilt: 210° upward, towards mounting surface



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



-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



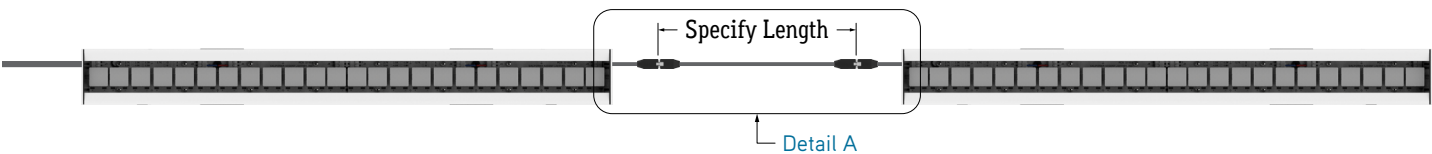
**Stake Mounting Clip
(ALS600T-AD-MC-STK)**

DESIGN GUIDELINES - ALS600T-AD-RGBW ADJUSTABLE

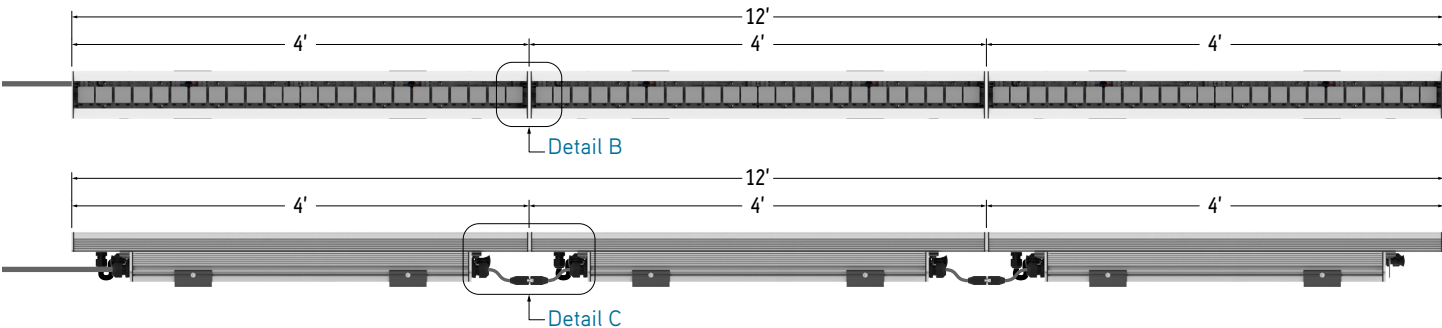
☀️ DRY or 💧 WET LOCATION | Individual Fixture



☀️ DRY or 💧 WET LOCATION | Fixtures with Jumper Cable



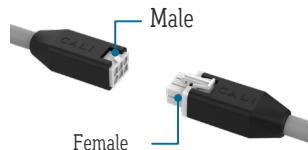
☀️ DRY or 💧 WET LOCATION | Continuous Run | **Note:** Lengths exceeding max run will be split.



☀️ Detail A
💧 Jumper Cable
(ALS600T-AD-JC-X)
(X=Specify Length)

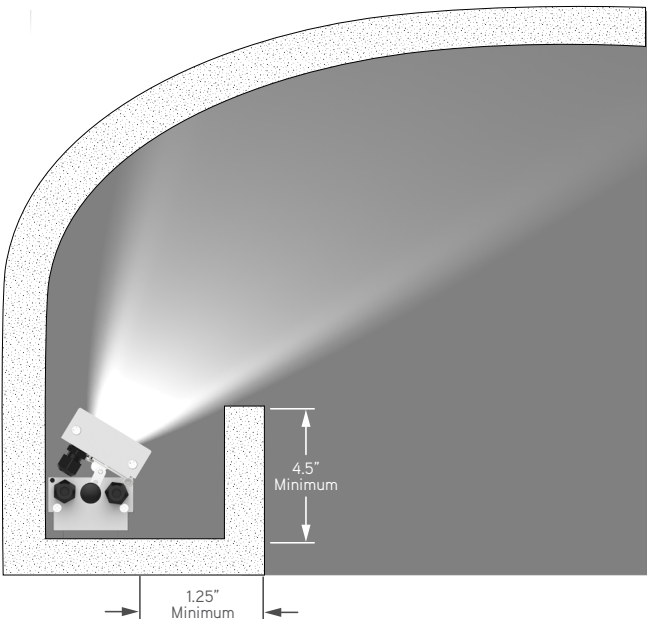


☀️ Detail B
💧 Continuous Connection
(5 Pole)

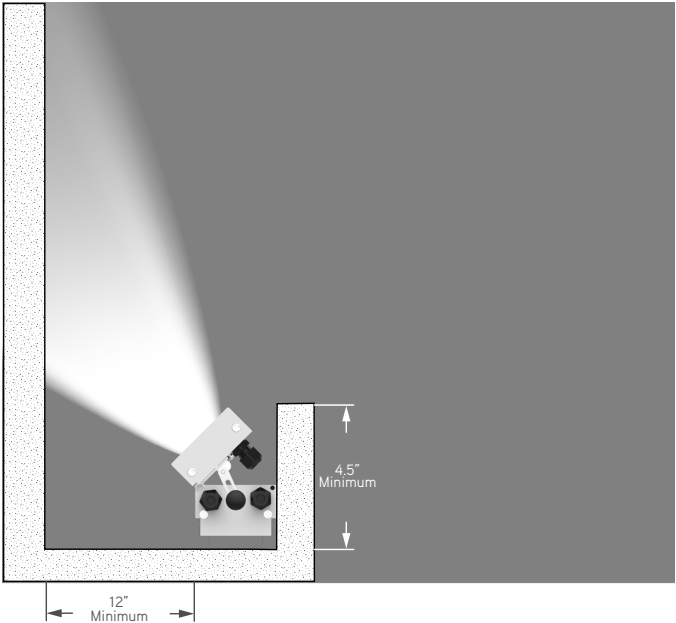


☀️ Detail C
💧 Quick Disconnects
(Included)

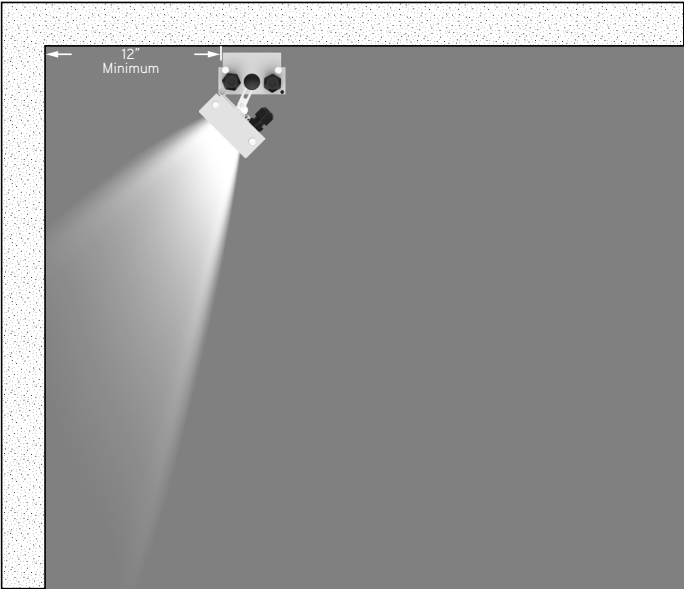
ALS600T-AD-RGBW GRAZING/WALL WASH DESIGN GUIDELINES



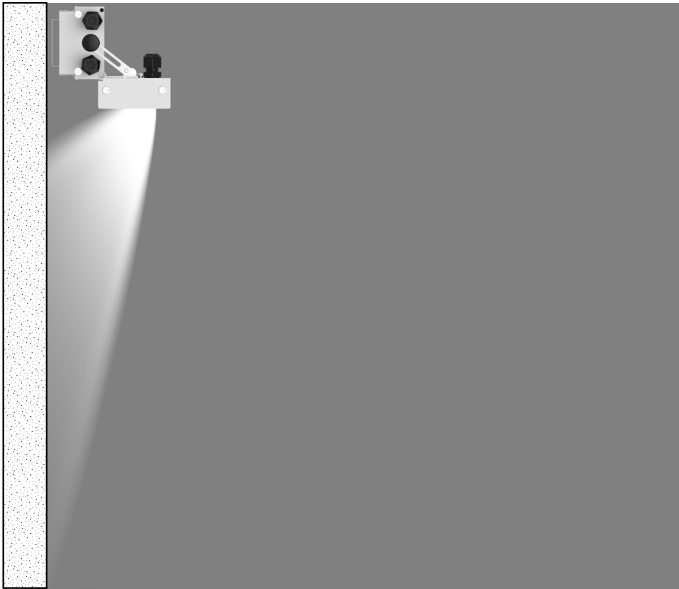
ALS600T-AD-MC



ALS600T-AD-MC | Adjustable



ALS600T-AD-MC | Adjustable



ALS600T-AD-MC | Adjustable



CALI

CALIFORNIA ACCENT LIGHTING, INC.

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4.1.2021