

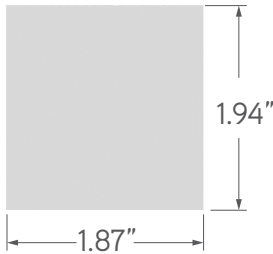


- **CRI**
High Output > 90
- **EFFICACY**
122 Lumens Per Watt
(2.0K: Lowest CCT Value)
142 Lumens Per Watt
(6.5K: Highest CCT Value)
- **COLOR TUNING**
- **REPLACEABLE DRIVER**
- **NO PIXELATION**
“Line of Light”

Designed for indoor applications (cove lighting, wall wash lighting, accent lighting, facade lighting, task lighting), ALS500T-CT is offered with a variety of color temperatures, watts per foot, and finish options.



ALS500T COLOR TUNING | PRODUCT FEATURES



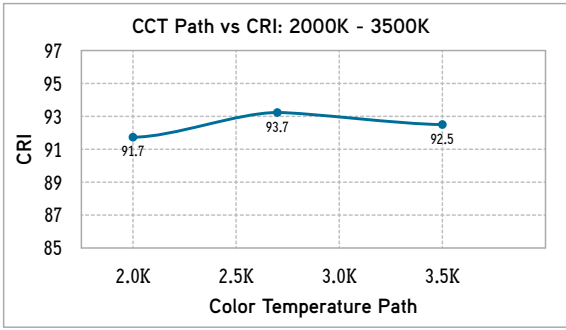
alumLEDs is our most versatile luminaire. Designed for indoor and outdoor applications, it's ideal for cove lighting, wall wash lighting, accent lighting, façade lighting, task lighting, and more. Proudly manufactured in the U.S.A., all *alumLEDs* products are available with a variety of color temperature, watts per foot, optics, and finish options, and are powered by a dimmable integral or remote driver (depending on model).

FEATURES

APPLICATIONS	Indirect and Direct Lighting
LAMP TYPE	High Output LEDs (No Mercury)
CRI	> 90
EFFICACY	122 Lumens per Watt (2.0K: Lowest CCT Value) 142 Lumens per Watt (6.5K: Highest CCT Value)
LENS	Clear, Frosted, or Semi-Frosted
LENGTH	Built to Order: Standard 4' Lengths and Custom Lengths Specify Overall Length (Minimum: 1'4", Maximum: 8') Example: 7'8" = One 7'8" fixture (Custom Length) Example: 3'2" = One 3'2" fixture (Custom Length) Example: 13'6" = 4' + 4' + 4' + 1'6" Example: 23'8" = 4' + 4' + 4' + 4' + 4' + 3'8"
CONSTRUCTION	Aluminum Extrusion
WEIGHT	1.18 lbs per foot
MOUNTING	Mounting Clips
LISTING	Dry or Damp Location UL1598, CSA C22.2#250.0 UL8750, CSA250 UL2108, CSA C22.2 #9
ELECTRICAL	
CONTROL INTERFACES	0-10V, DMX, DALI (Type 6), Lutron
MAXIMUM RUN	40' (1.5W, 2W, 3W, 4W, 5W, 6W, 7W)
LUMINAIRE VOLTAGE	120V-277V (UNV)
DRIVER	Integral (Driver on Board)
TEMPERATURE RATINGS	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)

PERFORMANCE

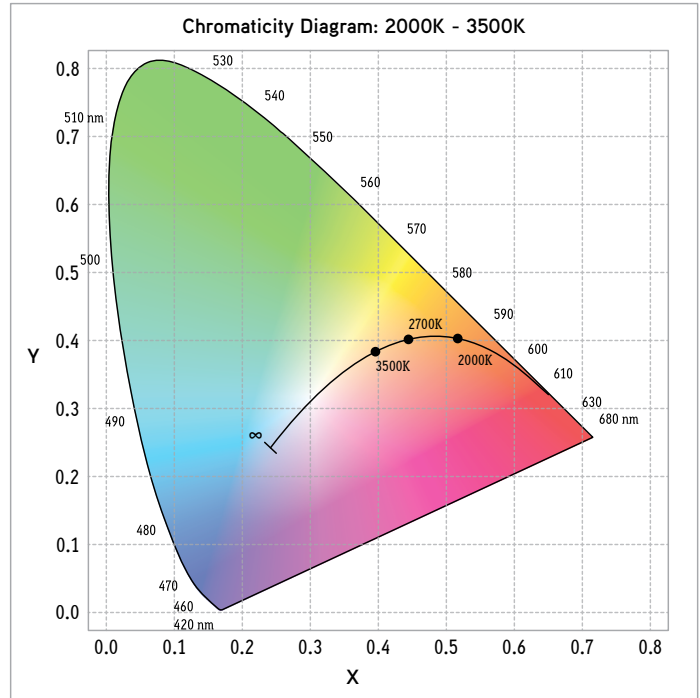
PHOTOMETRIC DATA: 2000K - 3500K



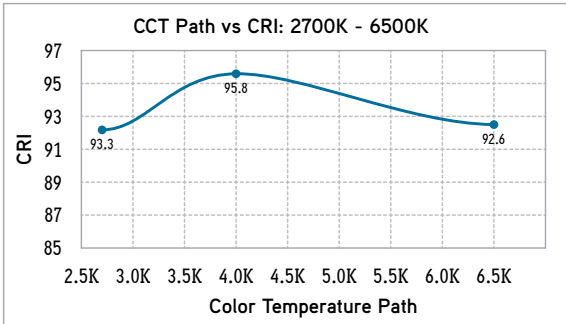
LAMP SPECIFICATIONS

LAMP NUMBER	EFFICACY (LUMENS PER WATT)	L70 LED LIFE
2.0K - 3.5K	122	60,000 hours.

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



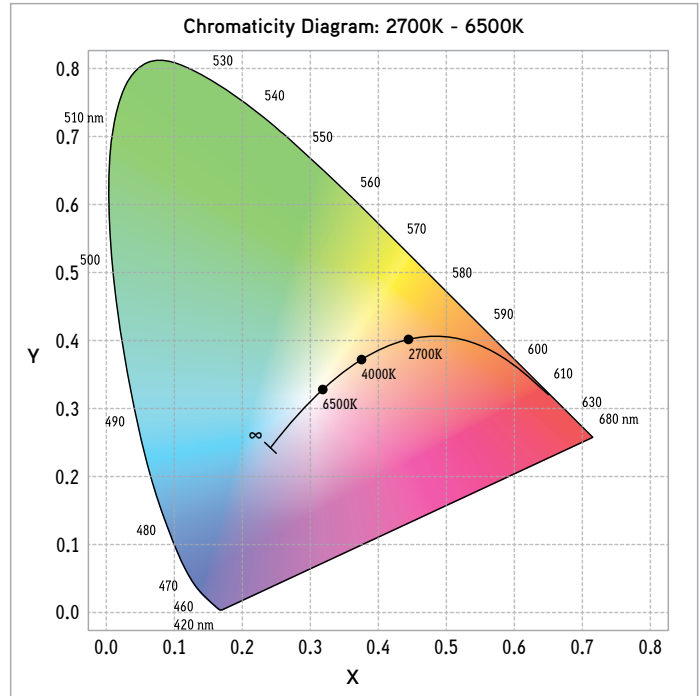
PHOTOMETRIC DATA: 2700K - 6500K



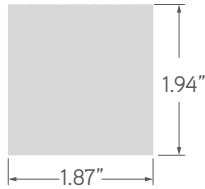
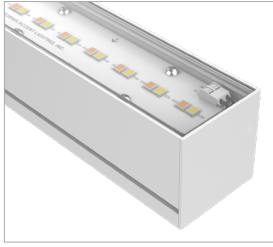
LAMP SPECIFICATIONS

LAMP NUMBER	EFFICACY (LUMENS PER WATT)	L70 LED LIFE
2.7K - 6.5K	142	60,000 hours.

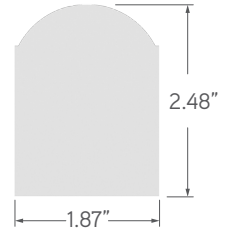
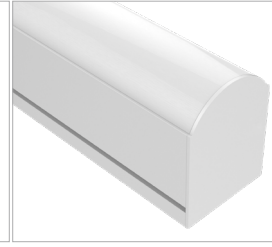
Note: Lumens per Watt values based on highest tested CCT value (6500K).



CUSTOM LENSES



ALS500T-CT (Clear Lens)

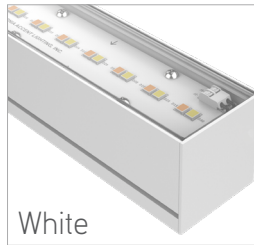


ALS500T-CT-SF
(Semi-Frosted Lens)
(50% Semi-Frosted Lens)

ALS500T-CT-F
(Frosted Lens) - No Pixelation (Line of Light)
(100% Frosted Lens)

CUSTOM COLOR FINISHES

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



SERIES	OPTICS	FINISH	CCT GAMUT		WATTS PER FOOT	CONTROL INTERFACE	FEED POINT	LISTING	LUMINAIRE VOLTAGE	FIXTURE LENGTH
			LOW CCT	HIGH CCT						
ALS500T-CT	Clear Lens (CL)	White (WH)	2000K (2.0K)	3000K (3.0K)	1.5 Watts: (1.5W)	DALI*1 (DALI)	End Feed (EF)	Indoor (DRY) Outdoor (DAMP)	120V-277V Line Voltage (UNV)*4	Specify Length in Feet & Inches Example: 7'8"
	50% Semi-Frosted Lens (SF)	Satin (SA)	2200K (2.2K)	3500K (3.5K)	2 Watts: (2W)					
		Black (BK)	2400K (2.4K)	4000K (4.0K)	3 Watts: (3W)					
	100% Frosted Lens No Pixelation: Line of Light (F)		2700K (2.7K)	4500K (4.5K)	4 Watts: (4W)	Lutron Controls*2 (DMX)				
			5000K (5.0K)	5 Watts: (5W)	0-10V: 100% - 1% (10V)					
			5500K (5.5K)	6 Watts: (6W)						
			6000K (6.0K)	7 Watts: (7W)	DMX-512*3 (10V)					
			6500K (6.5K)							

*1 DALI commissioning to be performed by a third party at time of installation. CALI does not provide DALI commissioning. Minimum fixture length: 2'

*2 Lutron control devices by others. Consult directly with Lutron for commissioning.

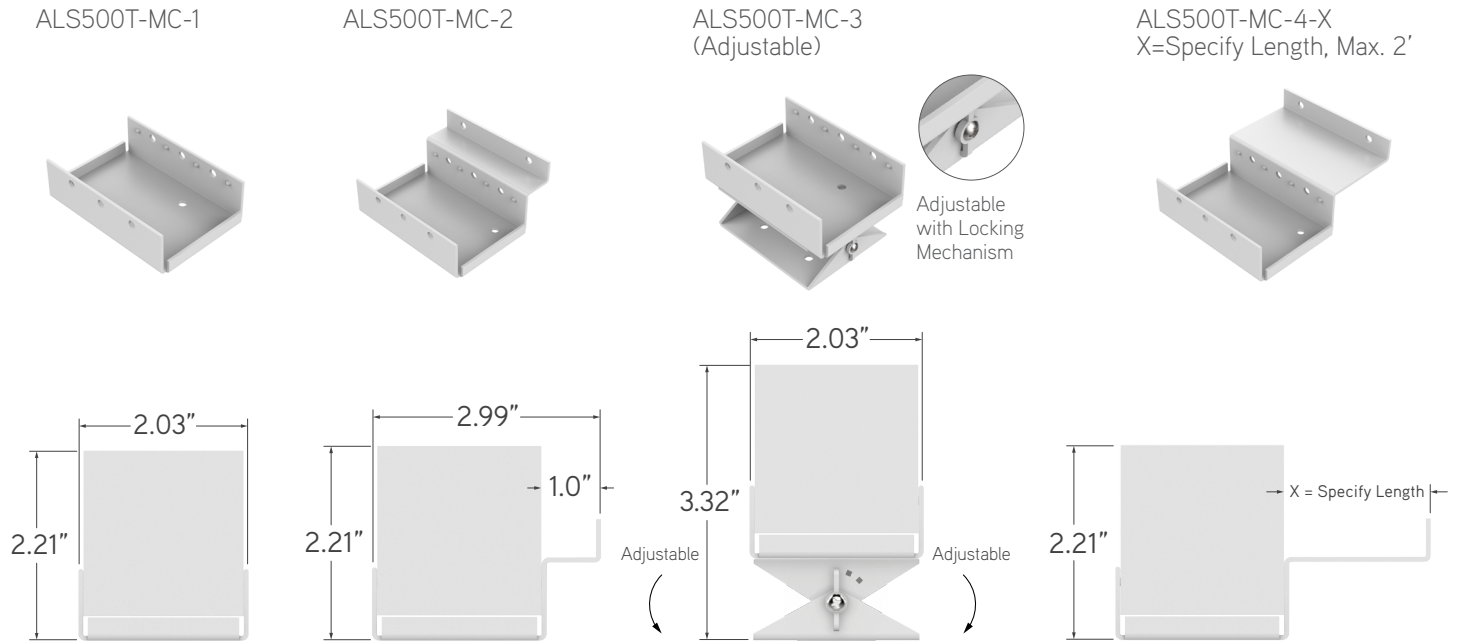
*3 Default DMX address of each fixture is 001. Consult third party DMX commissioner to modify at time of installation. Minimum fixture length: 2'

*4 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

ACCESSORIES

Mounting Clips



*Add 0.54" to the Height for Frosted (F) and Semi-Frosted (SF) Lenses
See Installation Instructions for Additional Information.

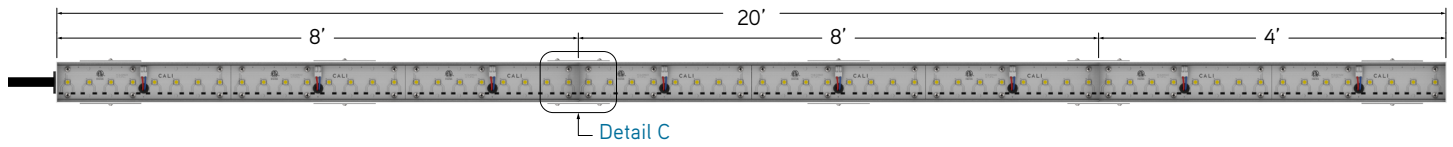
End Cap and Power Connectors

STANDARD				CUSTOM	Jumper Cable Options to Connect Two Luminaires	
OPTIONAL	Order End Cap With 6' Power Connector Attached					

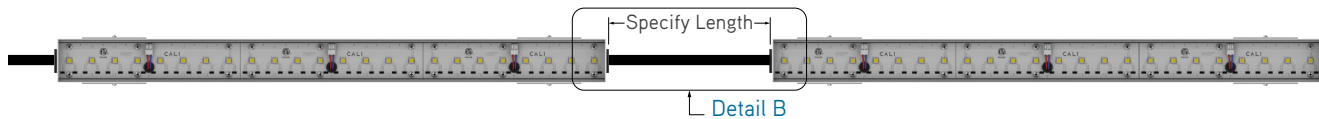
DESIGN GUIDELINES

No exposed wiring or cords required between fixtures. Seamless installation with no potential dark spots.

Multiple Fixtures



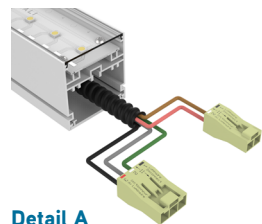
Fixture with Jumper Cables



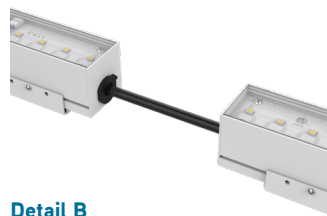
Individual Fixture



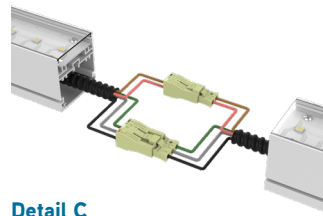
Individual Fixture with Disconnects



Detail A
Male Disconnects
(Dry Location)



Detail B
Jumper Cable
(ALS500T-CT-JC-X)
(X = Specify Length)



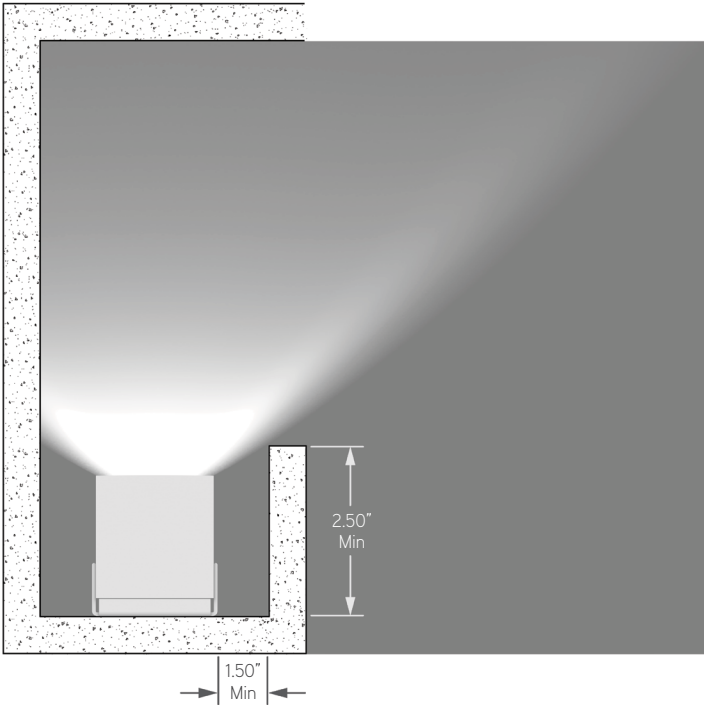
Detail C
Continuous Connection
(Dry Location)

Note: Each fixture is provided with female and male disconnects. Disconnects are internal and used to plug and play multiple lengths and accessories. No wiring or cords are exposed.

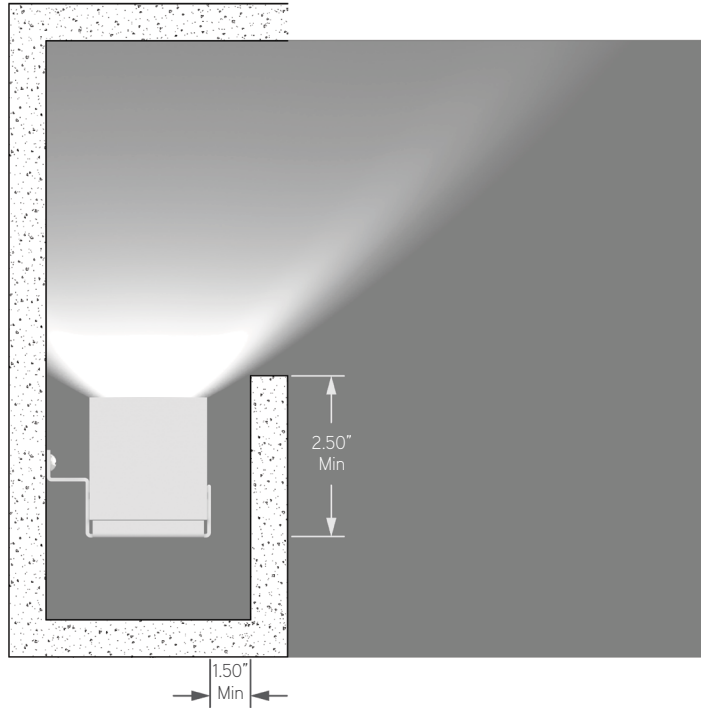
Each fixture is provided with female and male disconnects. Disconnects are internal and used to plug and play multiple lengths and accessories. No wiring or cords are exposed.

COVE LIGHTING DESIGN GUIDELINES

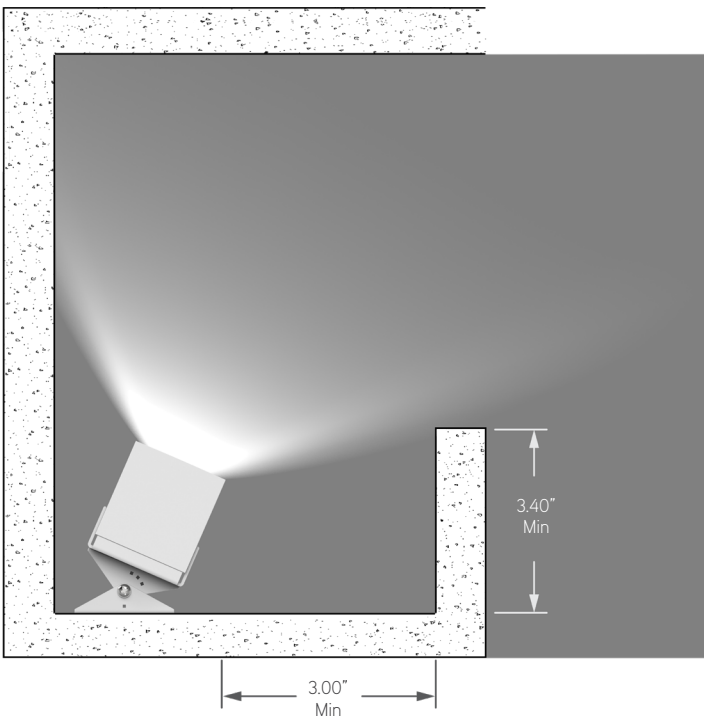
ALS500T-MC-1



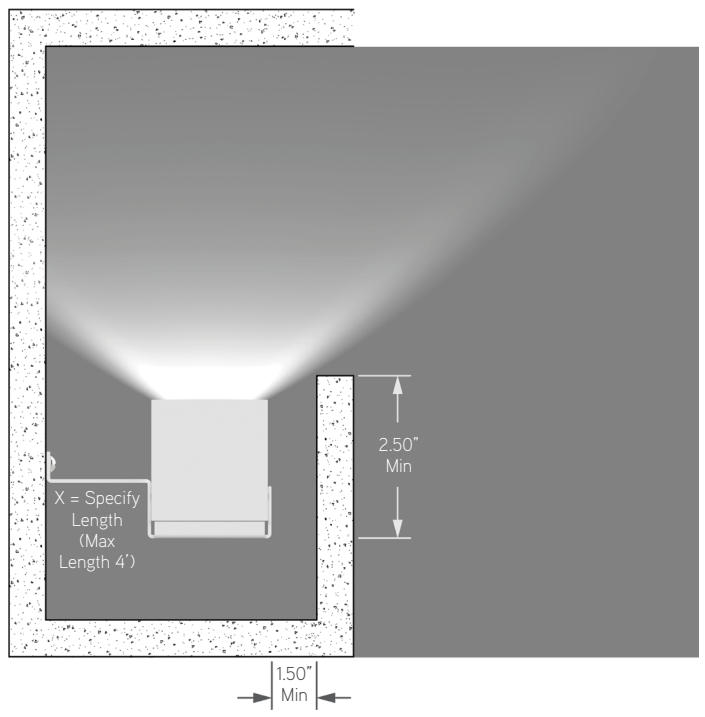
ALS500T-MC-2



ALS500T-MC-3
(Adjustable)

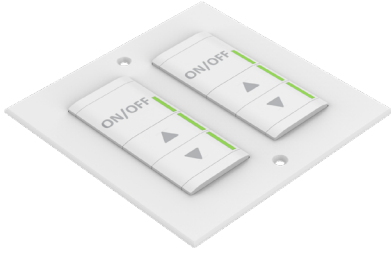


ALS500T-MC-4-X
X = Specify Length

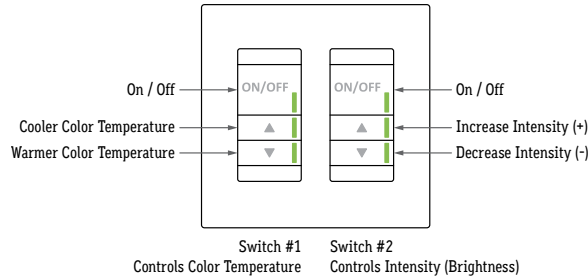


CONTROLS

STANDALONE SOLUTION: 10V CONTROL SWITCH (Sold Separately)



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



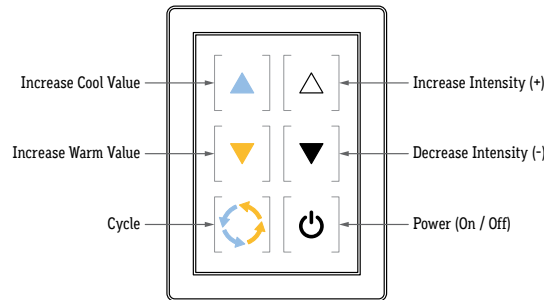
FEATURES

- Two Dimmer Switches are required to operate Color Tuning using 10V controls. One dimmer controls the color temperature and the other dimmer controls intensity / brightness.

STANDALONE SOLUTION: DALI TOUCH PANEL (Sold Separately)



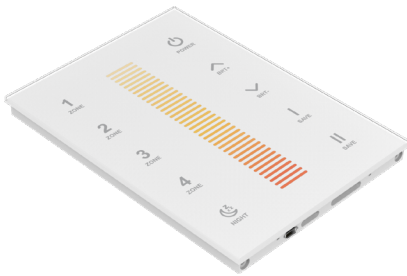
DALI Control Touch Panel
(CTRL-CT-DALI)



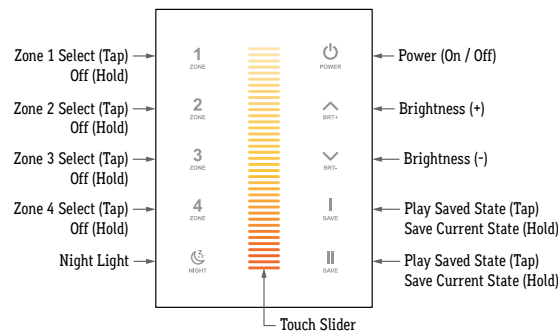
FEATURES

- The Touch Panel is connected directly to the DALI line.
- The color temperature range can be defined by the user.

STANDALONE SOLUTION: DMX TOUCH PANEL (Sold Separately)



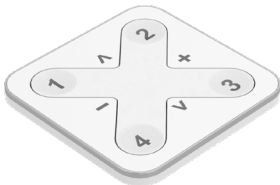
DMX Control Touch Panel
(CTRL-CT-DMX)



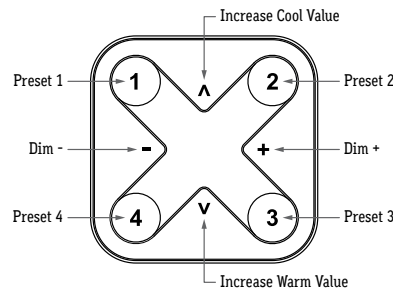
FEATURES

- Allows wireless control with WiFi or remote controller
- Controls up to 4 zones of lighting
- 2 saved scenes

STANDALONE SOLUTION: BLUETOOTH WIRELESS CONTROL PANEL (Sold Separately)



Bluetooth Wireless Control Panel
(CTRL-CT-BT)



FEATURES

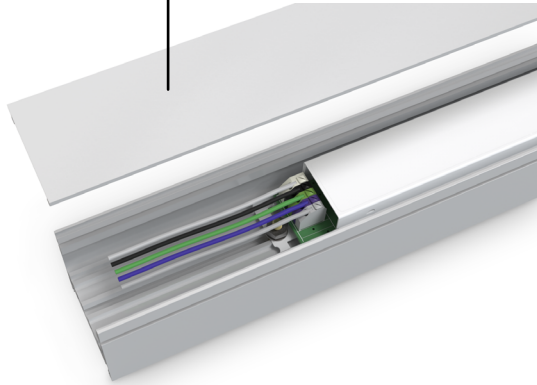
- Battery powered, wireless connection
- 4 saved scenes
- Individual or group control of luminaires

REPLACEABLE DRIVER

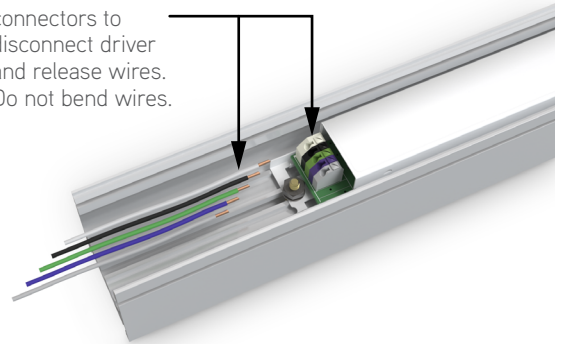
Tools Needed | Flat Screwdriver and Socket Wrench

The driver is easy to replace in the most seamless way.

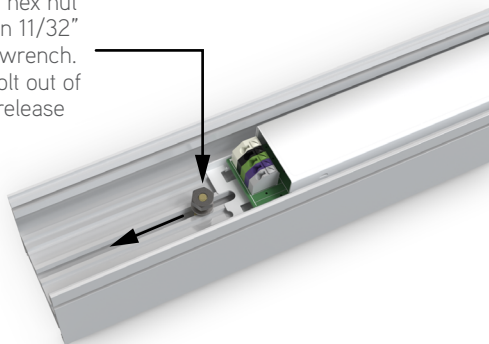
1 Remove bottom cap.



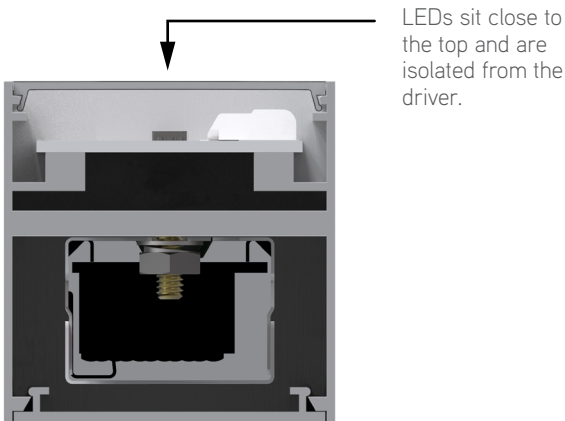
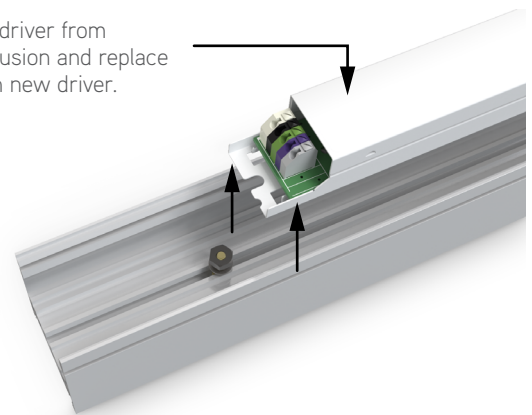
2 Push on modular connectors to disconnect driver and release wires. Do not bend wires.



3 Loosen hex nut using an 11/32" socket wrench. Slide bolt out of slot to release driver.



4 Lift driver from extrusion and replace with new driver.



LEDs sit close to the top and are isolated from the driver.



CALI

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