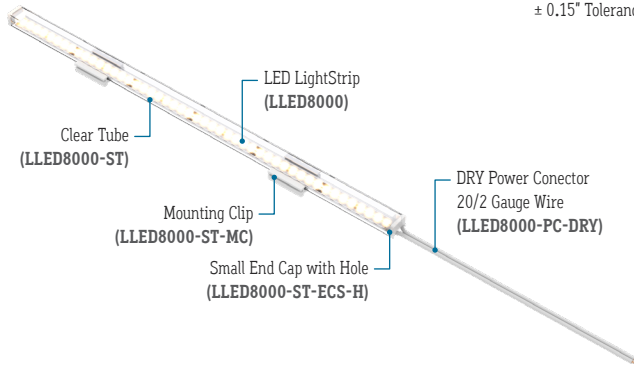




CALIFORNIA
ACCENT
LIGHTING
INC

± 0.15" Tolerance



FEATURES

APPLICATIONS	Accent, Decorative, Surface, Recessed, Pendant Lighting
LAMP TYPE	LEDs
CRI	> 95
LENS	Clear, 50% Semi-Frosted, or 100% Frosted
VIEWING ANGLE	180°
MOUNTING	Mounting Channel or Mounting Clips (Sold Separately)
WEIGHT	0.049 lbs per foot
CONSTRUCTION	Polycarbonate Extrusion
LENGTH	Built to Order (+/- 1/8" Tolerance)
LISTING	Dry, Wet, or IP67 Location UL2108, 67.1.9, 60.4, CSA C22.2 #9 UL8750, CSA250
INSTALLATION	Link to Installation Instructions
ELECTRICAL	
DIMMING	0-10V, Forward / Reverse Phase, Lutron, DMX, DALI
MAXIMUM RUN (Based on 5 Amps)	18' (6.5W), 21' (5.5W), 26' (4.5W), 33' (3.6W), 36' (1.5W, 2.5W)
MAXIMUM RUN (Based on 4 Amps for Class II)	13' (6.5W), 15' (5.5W), 18' (4.5W), 23' (3.6W), 34' (2.5W), 36' (1.5W)
VOLTAGE	24VDC
DRIVER	Remote (Sold Separately)
TEMPERATURE RATINGS	Operating / Startup: -20° to 48°C (-4° to 120°F) Storage: -40° to 76°C (-40° to 170°F)

LLED8000-ST

ACCENT & COVE

PROJECT



SINGLE BIN
+/-30K

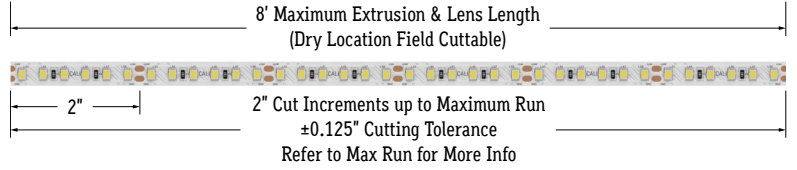


DRY/WET
IP67

TM-30
LM-79
LM-80



LIGHTSTRIP, EXTRUSION, & LENS



LENS



Clear Lens
Visible Diode Image
(CL)

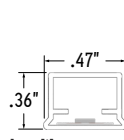


50% Semi-Frosted Lens
Slight Diode Image
(SF)

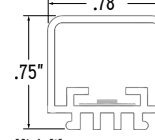


100% Frosted Lens
No Diode Image (Line of Light)
(F)

END VIEWS



Low Wattages
(1.5W, 2.5W, 3.6W, 4.5W)



High Wattages
(5.5W, 6.5W)

LIGHT LOSS FACTORS

LENS	EFFICACY LOSS
Clear (CL)	0%
50% Semi-Frosted (SF)	12.5%
100% Frosted (F)	25%

Example: 3.0K CCT LED with Frosted Lens. 25% of 100 is 25. 100 - 25 = 75. The Efficacy of 3.0K CCT LED with Frosted Lens is 75.

SERIES	LENS / OPTICS	WATTS PER FOOT	DIMMING	CCT LED	LISTING	FIXTURE LENGTH
LLED8000-ST	-	-	-	-	-	-
LLED8000-ST	Clear Lens (CL)	1.5 Watts (1.5W) 2.5 Watts (2.5W)	Forward / Reverse Phase (PH) 0-10V: 100% - 1% (10V)	2400K (2.4K) 2700K (2.7K)	Indoor (DRY)	Specify Length in Feet & Inches Example: 7'8"
	50% Semi-Frosted Lens (SF)	3.6 Watts (3.6W) 4.5 Watts (4.5W)	Hi-Lume 1% 3 Wire*1 (L3DA) Hi-Lume Premier 0.1% JA8*2 (L3D0)	3000K (3.0K) 3500K (3.5K)	Outdoor*6 (WET)	
	100% Frosted Lens (F)	5.5 Watts (5.5W) 6.5 Watts (6.5W)	JA8 0-10V (JA8-10V) DMX-512*3 (DMX)	4000K (4.0K) 4500K (4.5K)	Outdoor IP67*6 (IP67)	
		To calculate lumens per foot, multiply efficacy by wattage. Example: 2.5W x 100 Lm/W = 250 Lm/Ft	DALI*4 (DALI)	Amber*5 (A) Red*5 (R) Green*5 (G) Blue*5 (B)		
			Leave Blank for Non-Dimming			

*1 (L3DA) 40 watt max Lutron Hi-Lume 1% 3 Wire #L3DA4U1UKL-CV240
*2 (L3D0) 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U
*3 Consult third party DMX commissioner to modify at time of installation.

*4 DALI commissioning to be performed by a third party. CALI does not provide DALI commissioning.
*5 Amber, Red, Green, and Blue LEDs only available in 2.5W and 5.5W
*6 Run lengths required for Wet Location & IP67 products

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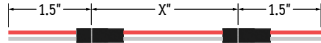
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ACCESSORIES (Sold Separately)

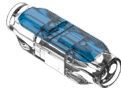


Power Connector Dry (20/2 Gauge Wire)
LLED8000-PC (36" Standard)
LLED8000-PC-X (X = Specify Length)



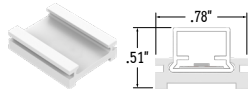
Continuous Connector Dry (20/2 Gauge Wire)
LLED8000-CC (3" Standard)
LLED8000-CC-X (X = Specify Length)

Note: Connector type subject to change without notice
Note: Connectors available with black or white jacket.
Click on image to see cut sheet for details.

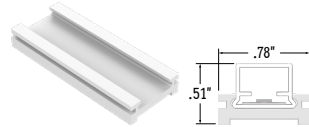


Wet Splice Connector
(LLED8000-SC-WET)

MOUNTING OPTIONS (Sold Separately)
Click image to view installation information



Mounting Clip
(LLED8000-ST-MC)



Mounting Channel
(LLED8000-ST-UC)

LAMP SPECIFICATIONS

LAMP NUMBER	CORRELATED COLOR TEMPERATURE	EFFICACY (LUMENS / WATT)	JA8	L70 LED LIFE
2.4K	2400K Incandescent White	90	Yes	60,000 hrs.
2.7K	2700K Warm White	101	Yes	60,000 hrs.
3.0K	3000K Warm White	100	Yes	60,000 hrs.
3.5K	3500K Neutral White	103	Yes	60,000 hrs.
4.0K	4000K Neutral White	105	Yes	60,000 hrs.
4.5K	4500K Neutral White	102	No	60,000 hrs.
R	Red (621nm)		No	40,000 hrs.
G	Green (525nm)		No	40,000 hrs.
B	Blue (470nm)		No	40,000 hrs.
A	Amber (590nm)	37	No	40,000 hrs.

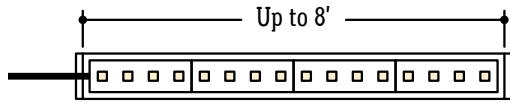
Consult factory for cooler white color temperatures.

PART NUMBER	WEIGHT	SPECIFY FINISH	SPECIFY LENGTH	SPECIFY QUANTITY	UNIT
LLED8000-CC-X*	Varies by Length				Each
LLED8000-PC-X*	Varies by Length				Each
LLED8000-SC-WET	0.009 lbs each	N/A	N/A		Each
LLED8000-ST-UC	0.061 lbs per foot	N/A			Each
LLED8000-ST-MC	0.0051 lbs	N/A	N/A		Each

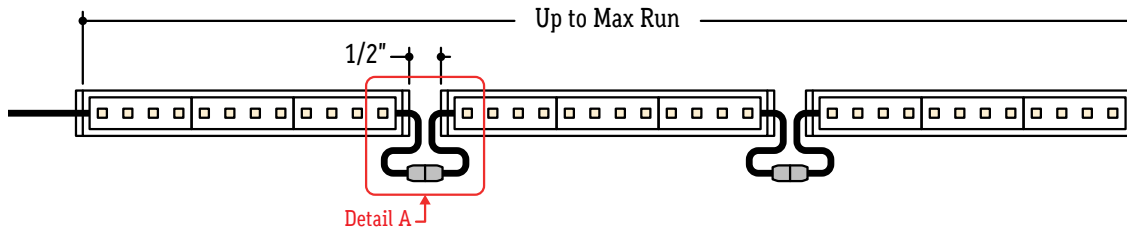
*Leave blank for Standard option

DESIGN GUIDELINES

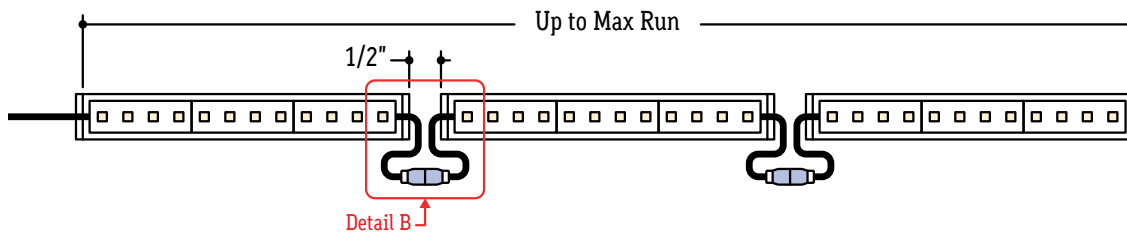
Individual Fixture



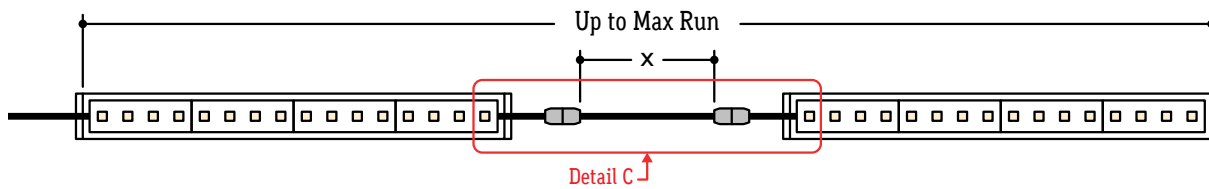
Continuous Run (Dry Location)



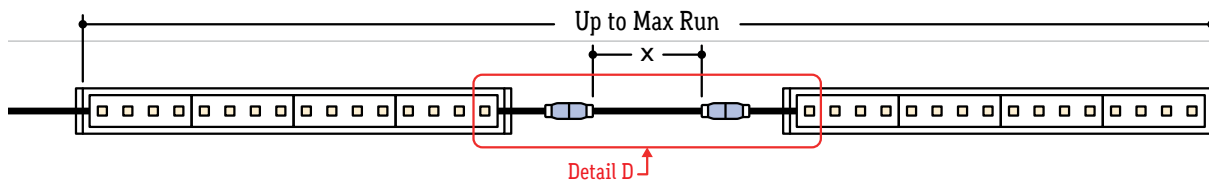
Continuous Run (Wet Location)



Runs with Continuous Connector (Dry Location)



Runs with Continuous Connector (Wet Location)



KEY

- Detail A** Continuous Connection (Dry Location): Fixture segments are connected using a quick disconnect, with a 1/2" gap between segments.
- Detail B** Continuous Connection (Wet Location): Fixture segments are connected using a wet splice connector, with a 1/2" gap between segments.
- Detail C** Dry Continuous Connector: Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.
- Detail D** Wet Continuous Connector: Used to span a corner or traverse a gap, corner, or obstacle in a wet location installation area.

Note: Drawings not to scale. Product may differ from examples shown.

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