

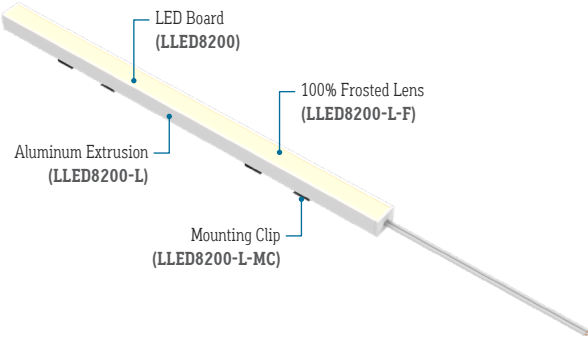


CALIFORNIA  
ACCENT  
LIGHTING  
INC

± 0.15" Tolerance

# LLED8200-L

ACCENT  
& COVE



PROJECT

TYPE



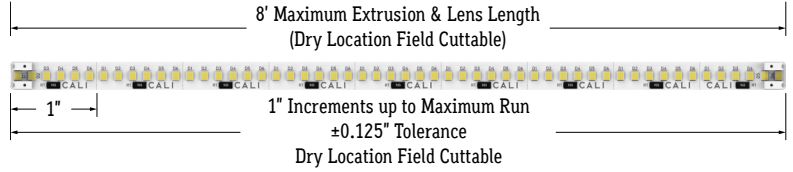
SINGLE  
BIN  
+30K



- ✓ TM-30
- ✓ LM-79
- ✓ LM-80



## LED BOARD, EXTRUSION, & LENS



## LENS



Clear Lens  
Visible Diode Image  
(CL)

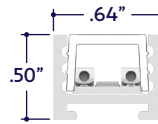


50% Semi-Frosted Lens  
Slight Diode Image  
(SF)



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

## END VIEW



## 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 108 is 27. 108 - 27 = 81. The Efficacy of 3.0K CCT LED with Frosted Lens is 81.

## FEATURES

APPLICATIONS	Accent, Decorative, Surface, Recessed, Pendant Lighting
LAMP TYPE	LEDs
CRI	> 90
LENS	Clear, 50% Semi-Frosted, or 100% Frosted
VIEWING ANGLE	120°
MOUNTING	Mounting Channel or Mounting Clips (Sold Separately)
WEIGHT	0.248 lbs per foot
CONSTRUCTION	Aluminum Extrusion
LENGTH	Built to Order
LISTING	Dry, Wet, or IP67 Location UL2108, CSA C22.2 #9 UL8750, CSA250
INSTALLATION	Link to Installation Instructions
ELECTRICAL	
DIMMING	Forward Phase, 0-10V, Lutron, DALI
MAXIMUM RUN (Based on 5 Amps)	20' (6W), 30' (4W), 36' (3W, 2W)
MAXIMUM RUN (Based on 4 Amps for Class II)	14' (6W), 21' (4W), 28' (3W), 36' (2W)
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)

SERIES	LENS / OPTICS	WATTS PER FOOT	DIMMING	CCT LED	LISTING	FINISH	FIXTURE LENGTH
LLED8200-L	-	-	-	-	-	-	-
LLED8200-L	Clear Lens (CL)	2 Watts (2W)	Forward Phase (DM)	2400K (2.4K)	Indoor	Natural Silver*1 (NA)	Specify Length in Feet & Inches Example: 7'8"
		3 Watts (3W)	0-10V: 100% - 10% (10V)	2700K (2.7K)	(DRY)	Polished (PA)	
	50% Semi-Frosted Lens (SF)	4 Watts (4W)	0-10V: 100% - 1% (10V-1%)	3000K (3.0K)	Outdoor*5	White (WH)	
		6 Watts (6W)	Hi-Lume 1% 2 Wire*2 (2 Wire)	3500K (3.5K)	(WET)	Satin / Silver (SA)	
	100% Frosted Lens: Line of Light (F)	To calculate lumens per foot, multiply efficacy by wattage. Example: 3W x 108 Lm/W = 324 Lm/Ft	Hi-Lume 1% 3 Wire*3 (3 Wire)	4000K (4.0K)	Outdoor IP67*5	Black (BK)	
			Hi-Lume Premier 0.1%*4 (L3D0)	4500K (4.5K)	(IP67)		
			JA8 0-10V (JA8-10V)	5000K (5.0K)			
			JA8 2 Wire (JA8-2WR)	5700K (5.7K)			
			DALI (DALI)	Red (R)			
Leave Blank for Non-Dimming	Green (G)						
	Blue (B)						
	Amber (A)						

\*1 Standard Finish: Natural Silver if left blank

\*2 40 watt max Hi-Lume 1% LTEA2W #LTEA4U1UKL-CV240

\*3 40 watt max Hi-Lume 1% L3DA3W #L3DA4U1UKL-CV240

\*4 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U

\*5 Run lengths required for Wet Location & IP67 products

## CALIFORNIA ACCENT LIGHTING, INC.

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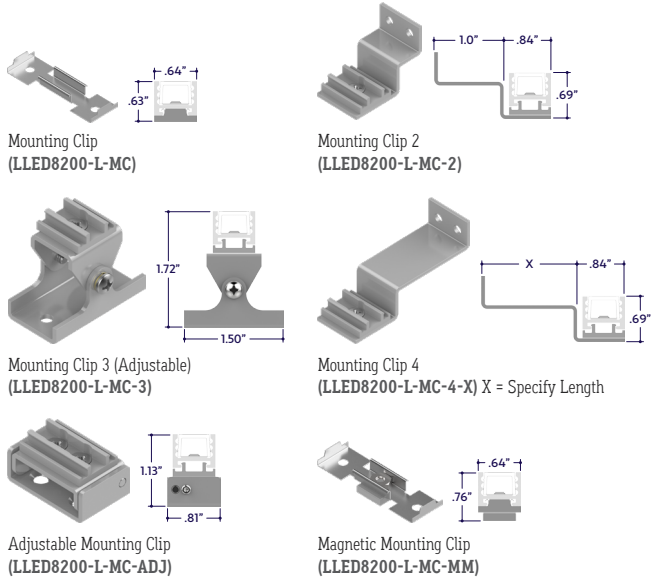
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# LLED8200-L | ACCENT & COVE

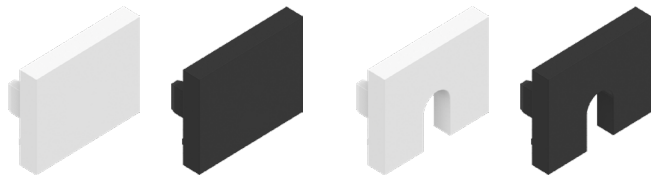
## MOUNTING OPTIONS (Sold Separately)

Click image to view installation information

**Note:** Mounting clips are only available in Natural Silver Finish, unless otherwise specified.



## END CAPS (Sold Separately)



End Cap  
(LLED8200-L-EC-X)  
X = Specify Finish: White (WH) or Black (BK)

PART #	QTY.
LLED8200-L-EC-WH	
LLED8200-L-EC-BK	

**Note:** Default Finish is Black (BK) if unspecified.

End Cap with Exit Hole  
(LLED8200-L-EC-H-X)  
X = Specify Finish: White (WH) or Black (BK)

PART #	QTY.
LLED8200-L-EC-H-WH	
LLED8200-L-EC-H-BK	

**Note:** Default Finish is Black (BK) if unspecified.

## LAMP SPECIFICATIONS

LAMP NUMBER	CORRELATED COLOR TEMPERATURE	EFFICACY (LUMENS / WATT)	JA8	L70 LED LIFE
2.4K	2400K Incandescent White	108	Yes	60,000 hrs.
2.7K	2700K Warm White	108	Yes	60,000 hrs.
3.0K	3000K Warm White	108	Yes	60,000 hrs.
3.5K	3500K Neutral White	108	Yes	60,000 hrs.
4.0K	4000K Neutral White	108	Yes	60,000 hrs.
4.5K	4500K Neutral White	108	No	60,000 hrs.
5.0K	5000K Cool White	108	No	60,000 hrs.
5.7K	5700K Cool White	108	No	60,000 hrs.
R	Red (621 nm)	70	No	40,000 hrs.
G	Green (525 nm)	139	No	40,000 hrs.
B	Blue (470 nm)	40	No	40,000 hrs.
A	Amber	128	No	40,000 hrs.

Consult factory for cooler white color temperatures.

PART NUMBER	WEIGHT	SPECIFY FINISH	SPECIFY LENGTH	SPECIFY QUANTITY	UNIT
LLED8200-CC-X*	Varies by Length				Each
LLED8200-PC-X*	Varies by Length				Each
LLED8200-SC-WET	0.009 lbs each	N/A	N/A		Each
LLED8200-L-MC	0.005 lbs		N/A		Each
LLED8200-L-MC-2	0.019 lbs		N/A		Each
LLED8200-L-MC-3	0.035 lbs		N/A		Each
LLED8200-L-MC-4-X	Varies by Length				Each
LLED8200-L-MC-ADJ			N/A		Each

\*Leave Finish blank for Standard option

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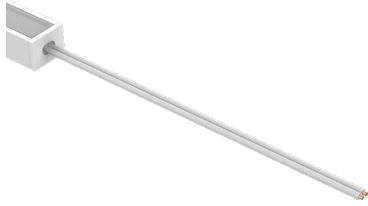


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INC

# LLED8200-L | ACCENT & COVE

## ACCESSORIES (Sold Separately)

**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Dry Power Connector  
(20/2 Gauge Wire)  
**(LLED8200-L-PC-DRY-X)**  
X = Specify Length, 36" Default, 25' Maximum

PART #	LENGTH	QTY.
LLED8200-L-PC-DRY-	36"	
LLED8200-L-PC-DRY-		

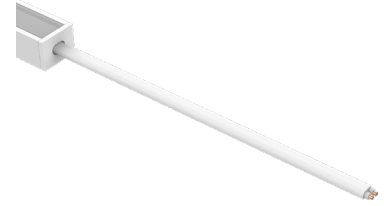
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with Black Jacket  
(20/2 Gauge Wire)  
**(LLED8200-L-PC-DRY-BK-X)**  
X = Specify Length, 36" Default, 25' Maximum

PART #	LENGTH	QTY.
LLED8200-L-PC-DRY-BK-	36"	
LLED8200-L-PC-DRY-BK-		

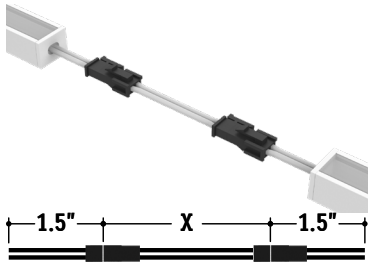
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Power Connector with White Jacket  
(20/2 Gauge Wire)  
**(LLED8200-L-PC-DRY-WH-X)**  
X = Specify Length, 36" Default, 25' Maximum

PART #	LENGTH	QTY.
LLED8200-L-PC-DRY-WH-	36"	
LLED8200-L-PC-DRY-WH-		

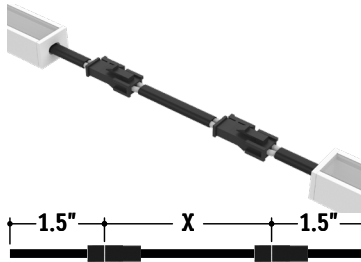
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Dry Continuous Connector  
(20/2 Gauge Wire)  
**(LLED8200-L-CC-DRY-X)**  
X = Specify Length, 3" Default

PART #	LENGTH	QTY.
LLED8200-L-CC-DRY-	3"	
LLED8200-L-CC-DRY-		

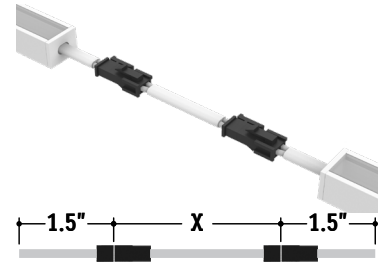
**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Dry Continuous Connector with Black Jacket  
(20/2 Gauge Wire)  
**(LLED8200-L-CC-DRY-BK-X)**  
X = Specify Length, 3" Default

PART #	LENGTH	QTY.
LLED8200-L-CC-DRY-BK-	3"	
LLED8200-L-CC-DRY-BK-		

**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Dry Continuous Connector with White Jacket  
(20/2 Gauge Wire)  
**(LLED8200-L-CC-DRY-WH-X)**  
X = Specify Length, 3" Default

PART #	LENGTH	QTY.
LLED8200-L-CC-DRY-WH-	3"	
LLED8200-L-CC-DRY-WH-		

**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.

## WET CONNECTORS (Sold Separately)

**Note:** Connectors are factory assembled to each run length. Connectors are subject to change without notice.



Wet Power Connector  
(20/2 Gauge Wire)  
**(LLED8200-L-PC-WET-X)**  
X = Specify Length, 36" Default, 25' Maximum

PART #	LENGTH	QTY.
LLED8200-L-PC-WET-	36"	
LLED8200-L-PC-WET-		

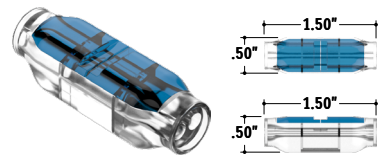
**Note:** Specify 1 Power Connector for each lead required. Power Connectors are factory assembled to each length.



Wet Continuous Connector  
(20/2 Gauge Wire)  
**(LLED8200-L-CC-WET-X)**  
X = Specify Length, 3" Default

PART #	LENGTH	QTY.
LLED8200-L-CC-WET-	3"	
LLED8200-L-CC-WET-		

**Note:** Specify Continuous Connectors to traverse a gap or obstacle. Continuous Connectors are factory assembled to specified lengths.



Wet Splice Connector  
**(LLED8200-SC-WET)**

PART #	QTY.
LLED8200-SC-WET	

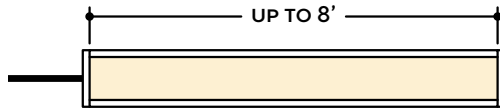
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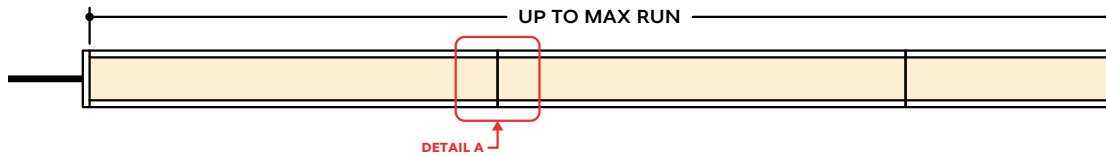


## DESIGN GUIDELINES

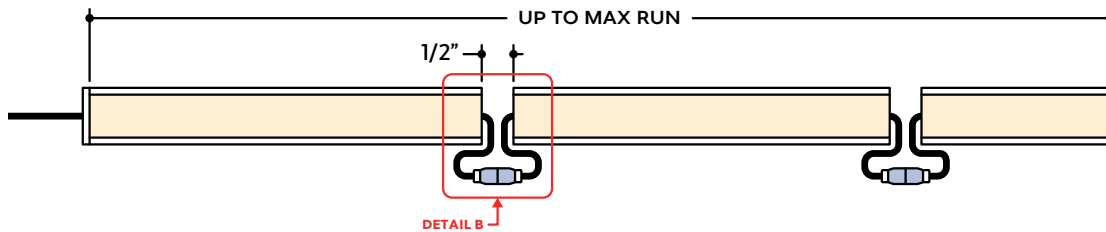
### Individual Fixture



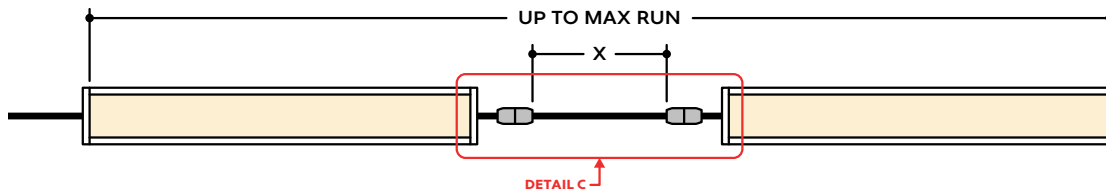
### Continuous Run (Dry Location)



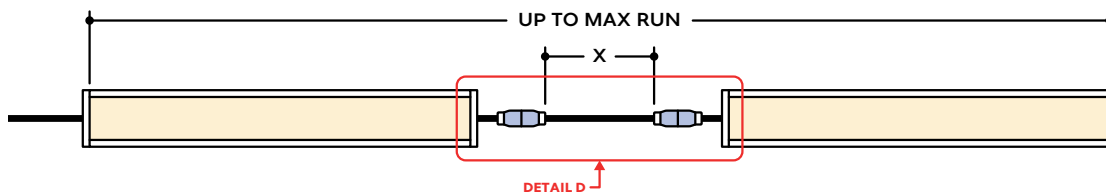
### Continuous Run (Wet Location)



### Runs with Continuous Connector (Dry Location)



### Runs with Continuous Connector (Wet Location)



## KEY

<b>DETAIL A</b>	<b>Continuous Connection (Dry Location):</b> Luminaire segments connect using pins, leaving no gaps between segments, with a mounting clip holding the two segments together. Refer to installation instructions for additional information.
<b>DETAIL B</b>	<b>Continuous Connection (Wet Location):</b> Luminaire segments are connected using a provided splice connector, with a 1/2" gap between segments.
<b>DETAIL C</b>	<b>Dry Continuous Connector:</b> Used to span a corner or traverse a gap, corner, or obstacle in a dry location installation area.
<b>DETAIL D</b>	<b>Wet Continuous Connector:</b> 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.