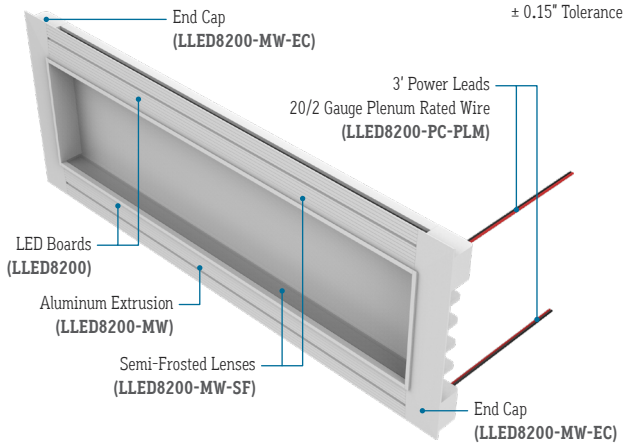




CALIFORNIA
ACCENT
LIGHTING
INC

LLED8200-MW

MUD-IN



PROJECT

TYPE



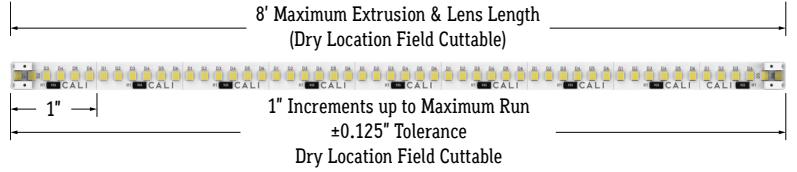
SINGLE BIN
+30K



- ✓ TM-30
- ✓ LM-79
- ✓ LM-80



LED BOARD, EXTRUSION, & LENS



LENS



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



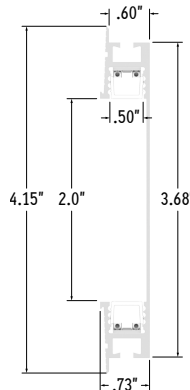
100% Frosted Lens
No Diode Image (Line of Light)
(F)

LIGHT LOSS FACTORS

LENS	EFFICACY LOSS
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.

END VIEW



50% Semi-Frosted Lens (SF)
100% Frosted Lens (F)

MOUNTING OPTION



FEATURES

APPLICATIONS	Mud-In, Accent, Decorative, Surface, Recessed Lighting
LAMP TYPE	LEDs
CRI	> 90
LENS	50% Semi-Frosted or 100% Frosted
VIEWING ANGLE	120°
MOUNTING	Mud-In
WEIGHT	0.81 lbs per foot
CONSTRUCTION	Aluminum Extrusion
LENGTH	Built to Order (Shipped in assembled 8' segments)
LISTING	Dry or Damp 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 4 Amps for Class II)	14' (6W), 24' (4W), 32' (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*5	DIMMING	CCT LED	LISTING	FINISH	FIXTURE LENGTH*6
LLED8200-MW	-	-	-	-	-	-	-
LLED8200-MW	50% Semi-Frosted Lens (SF)	2 + 2 Watts (4W) 3 + 3 Watts (6W)	Forward Phase (DM) 0-10V: 100% - 10% (10V)	2400K (2.4K) 2700K (2.7K)	Indoor (DRY)	Natural Silver (NA) Polished (PA)	Specify Length in Feet & Inches Example: 7'8"
	100% Frosted Lens: Line of Light (F)	4 + 4 Watts (8W) 6 + 6 Watts (12W)	0-10V: 100% - 1% (10V-1%) Hi-Lume 1% 2 Wire*2 (2 Wire) Hi-Lume 1% 3 Wire*3 (3 Wire) Hi-Lume Premier 0.1%*4 (L3D0)	3000K (3.0K) 3500K (3.5K) 4000K (4.0K) 4500K (4.5K)	Outdoor (DAMP)	White*1 (WH) Satin / Silver (SA) Black (BK)	
		To calculate lumens per foot, multiply efficacy by wattage. Example: 3W x 108 Lm/W = 324 Lm/Ft	JA8 0-10V (JA8-10V) JA8 2 Wire (JA8-2WR) DALI (DALI) Leave Blank for Non-Dimming	5000K (5.0K) 5700K (5.7K) Red (R) Green (G) Blue (B) Amber (A)			

*1 Standard Finish: White (WH) if left blank
*2 40 watt max Hi-Lume 1% L3DA2W #L3DA4U1UKL-CV240
*3 40 watt max Hi-Lume 1% L3DA3W #L3DA4U1UKL-CV240
*4 96 watt max Hi-Lume Premier 0.1% #L3D0-96W24V-U

*5 Fixture wattage based on wattage of top run + wattage of bottom run
Example: 2W Top + 2W Bottom = 4W Per Foot
*6 Individual run lengths required (Specified lengths ship assembled with plenum rated wire)

CALIFORNIA ACCENT LIGHTING, INC.

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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)	70	No	40,000 hrs.
G	Green (525nm)	139	No	40,000 hrs.
B	Blue (470nm)	40	No	40,000 hrs.
A	Amber	128	No	40,000 hrs.

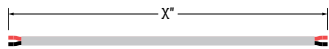
Consult factory for cooler white color temperatures.

PART NUMBER	WEIGHT	SPECIFY FINISH	SPECIFY LENGTH	SPECIFY QTY.	UNIT
LLED8200-PC-PLM-X*	Varies by Length	N/A			Each
LLED8200-MW-EC		N/A	N/A		Each
LLED8200-MW-90D-IN			N/A		Each
LLED8200-MW-90D-EX			N/A		Each

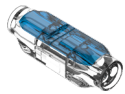
*Leave blank for Standard option.

CONNECTORS (Sold Separately)

Note: Connector type subject to change without notice. Click on image to see cut sheet for details.



Power Connector (20/2 Gauge Plenum Rated Wire)
LLED8200-PC-PLM-X
(X = Specify Length, 36" Standard)



Wet Splice Connector
(LLED8200-SC-WET)

ACCESSORIES (Sold Separately)



End Cap
(LLED8200-MW-EC)



90° External Corner
(LLED8200-MW-90D-EX)



90° Internal Corner
(LLED8200-MW-90D-IN)

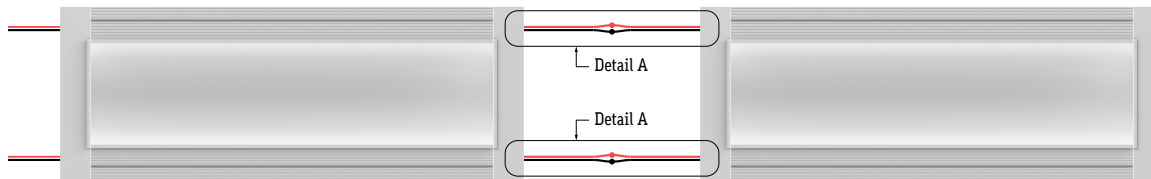
Note: Mitered Corners are used to avoid field cutting. Consult factory for other mitered angle options.

DESIGN GUIDELINES

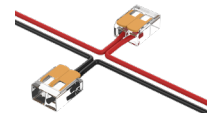
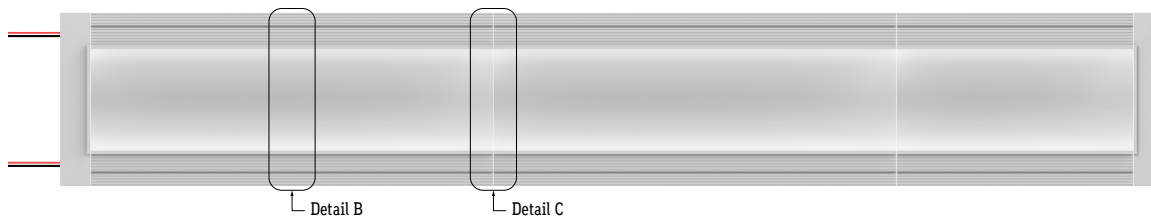
Individual Fixture (Up to 8')



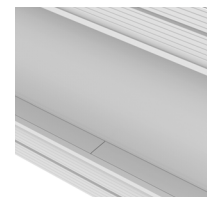
Run with Field Splice Connection



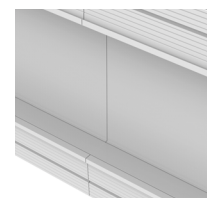
Continuous Run



Detail A
Field Splice Connection
(Connectors by others)



Detail B
Two Lenses Meet
(Dry Location Only)



Detail C
Two Extrusions Meet
(Dry Location Only)

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