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(707) 996-9898

### Spec Guide

## BoxRail™ | Wall | LED | 207

Accent lighting for corporate, hospitality and educational applications.



BoxRail, direct or indirect, 370° rotation.

### Benefits & Features

#### Super Slim Design

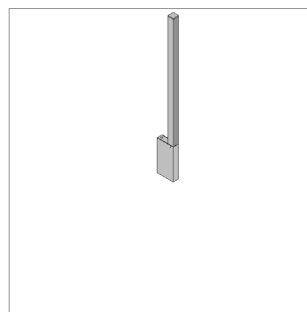
Square profile, 1.14" (29mm) x 1.14" (29mm), 370° rotation, angle gage and lock.

#### Superior Light Quality & Performance

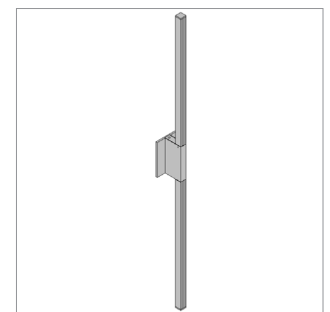
UP to 80 lm/W fixture efficacy, 905 lm/ft (2715 lm/m) and 95 CRI at 3000K. Variety of beam control options.

#### ADA Compliant

3.8" (97mm) projection.



Single Rail



Double Rail with canopy


## Structure

Length	Single-sided length: 30.5" (775mm). Double-sided length: 54.5" (1384mm).
Rail Dimension	1.14" (29mm) x 1.14" (29mm).
Construction / Finish	Extruded and machined 6063 aluminum. Brushed aluminum (stock), black anodized, white painted and non-standard finishes available.
Mounting	Wall mount to jbox with cover plate or direct wire without cover plate.


## Power / Controls

Power Type	Class 2 (<60v output) constant current driver.
Controls	Non-dimming, dimming (1%, 10%). 0-10v, DALI, DMX, Lutron™ available for most configurations. See <a href="#">Driver Guide</a> for details.
Input Voltage	120v, 240v, 277v, 50/60hz.
Power Location	Remote power. Maximum remote distance up to 72' (22m) depending on driver selection. See <a href="#">Driver Guide</a> for details.
Emergency Power	Available for select drivers only. See <a href="#">Driver Guide</a> or consult factory for details.

## Light

Zipper Board™		Standard Output				High Output				
		2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K	
 <p>72 diodes per foot (305mm)</p>	Efficacy - Lumens per Watt	Clear Lens	71	74	77	80	64	66	69	72
		Diffuse Lens	60	63	65	68	54	56	58	61
		White Baffle	46	48	50	52	43	44	46	48
Lumens per Foot (305mm) <sup>1</sup>	Clear Lens	436	454	473	492	802	835	870	905	
	Diffuse Lens	376	392	408	424	689	718	748	778	
	White Baffle	286	298	310	323	537	559	583	606	
Watts per Foot (305mm) <sup>1</sup>		6	6	6	6	13	13	13	13	
CRI		>80 min, 85 avg.				>80 min, 85 avg.				
Lumen Maintenance <sup>2</sup>		60,000 hours L80 @25°C				60,000 hours L80 @25°C				

Button Board™		Standard Output				High Output				
		2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K	
 <p>6 diodes per foot (305mm)</p>	Efficacy - Lumens per Watt	Clear Lens	66	69	72	75	60	62	65	67
		19° x 48° Oval	62	64	67	70	56	58	60	63
		36° Medium	72	75	78	81	64	67	70	72
Lumens per Foot (305mm) <sup>1</sup>	Clear Lens	456	475	495	514	691	720	750	780	
	19° x 48° Oval	424	442	460	478	646	673	701	729	
	36° Medium	493	513	535	556	747	778	811	843	
Center Beam Candela <sup>1</sup>	Clear Lens	-	-	741 @ 0°	-	-	-	1126 @ 0°	-	
	19° x 48° Oval	-	-	3705 @ 0°	-	-	-	5650 @ 0°	-	
	36° Medium	-	-	4328 @ 0°	-	-	-	6545 @ 0°	-	
Watts per foot (305mm) <sup>1</sup>		7	7	7	7	12	12	12	12	
CRI		>90 min, 95 avg (3000K), >80, 85 avg (all others).				>90 min, 95 avg (3000K), >80, 85 avg (all others).				
Lumen Maintenance <sup>2</sup>		60,000 hours L80 @25°C				60,000 hours L80 @25°C				

### NOTES & LIMITATIONS

<sup>1</sup>Based on testing 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

<sup>2</sup>L80 = 80% lumen maintenance (when light output drops below 80% of initial output). Ambient luminaire temperatures specified. Lumen maintenance calculations are based on lifetime prediction graphs supplied by LED source manufacturers. Calculations for white-light LED fixtures are based on measurements that comply with IES-LM-80-08 testing procedures.

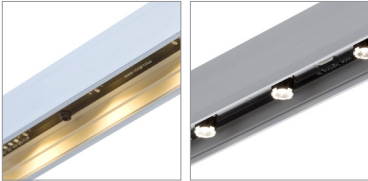
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Zipper Board: Lens / Baffle



Clear Lens      Diffuse Lens      White Baffle

Button Board: Lens / Optics

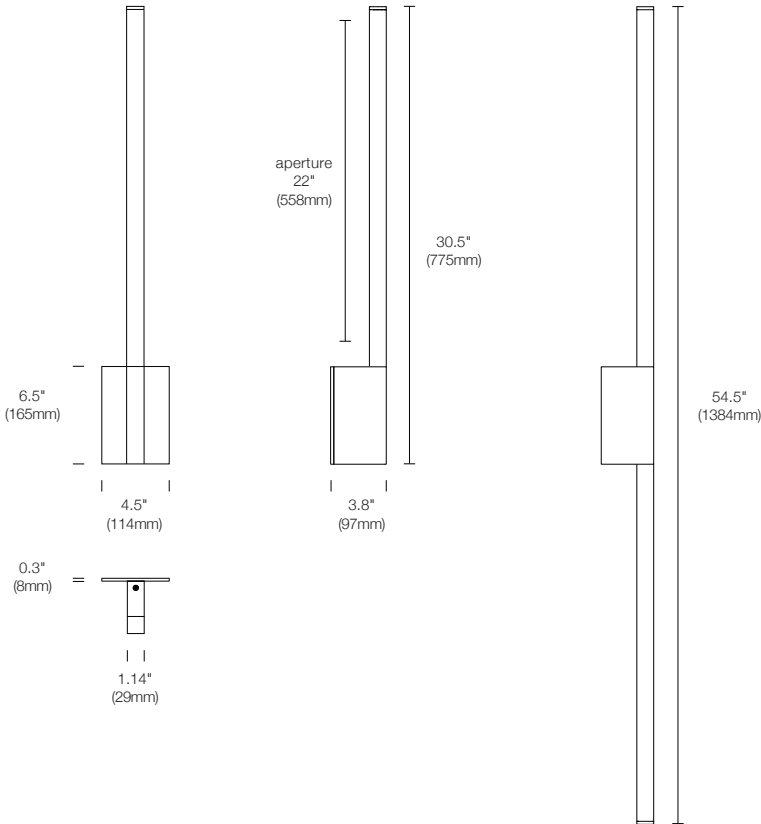


Clear Lens      Optics:  
19° x 48° Oval  
36° Medium

Materials

LED Board Construction	Aluminum MCPCB, PPT connectors, RoHS compliant.
Clear Lens	High-impact extruded acrylic glass (PMMA).
Diffuse Lens	High-impact extruded acrylic glass (PMMA).
Baffle	6063 aluminum, RoHS compliant painted finish.
Button Optics	High-impact cast acrylic glass (PMMA), polycarbonate (PC) holder.
Power Cable	Ø4mm, 18/2 AWG, plenum (CMP) rated semi-rigid PVC, flame test rated UL-910.
Cable Connectors	Unfilled black Nylon, rated UL 94 V-0, halogen free, PVC overmold, RoHS compliant.
Remote Power Housing	1/16" (0.8mm) formed steel, zinc chromate plating.

Dimensions



5 Year Limited Warranty. All material and component parts used in the manufacture of Vode products are warranted to be free from defects of material and/or workmanship for a period of 5 years from date of sale. Product must be installed according to Vode installation instructions and accepted trade practices. Power supplies and other auxiliary equipment is not covered under Vode warranty but may be covered by separate OEM warranty. See full Vode warranty description [here](#).

Listed to UL standards for dry location by a Nationally Recognized Testing Laboratory (NRTL) recognized by

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Build Your Specification

		<b>CW</b>			
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System & Rail Type	Length	Mounting	Power Location	Power Type <sup>1</sup>	Voltage
<b>207-BX</b> Sconce LED, Single Rail with BoxRail	<b>Single Rail (207-BX)</b> 02 30.5" (775mm)	<b>CW</b> Wall	<b>Remote Power</b> RP No Jbox Cover Plate RC Jbox Cover Plate	<b>AA</b> Non-dimming <b>AE</b> 0-10v, 10% dimming <b>AT</b> 0-10v, 1% dimming <b>AD</b> DALI, 1% dimming <b>AH</b> Lutron Hi-Lume, 1% dimming <b>AM</b> DMX, control dimming <b>Z</b> Other (please specify)	<b>1</b> 120v <b>2</b> 277v <b>4</b> 240v
<b>217-BX</b> Sconce LED, Double Rail with BoxRail	<b>Double Rail (217-BX)</b> 4 54.5" (1384mm)				

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LED Type	Lumen Output	Color Temperature	Optics	Finish
<b>Z</b> Zipper Board <b>B</b> Button Board	<b>SO</b> Standard Output <b>HO</b> High Output	<b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>Z</b> Non-standard color temperature (please specify)	<b>Zipper Board (Z)</b> <b>0</b> Clear Lens <b>1</b> Diffuse Lens <b>WB</b> White Baffle <b>Z</b> Other (please specify)  <b>Button Board (B)</b> <b>0</b> Clear Lens <b>19</b> 19° x 48° Oval <b>36</b> 36° Medium <b>Z</b> Other (please specify)	<b>AL</b> Brushed Aluminum (stock) <b>WH</b> White Painted Finish <b>BL</b> Black Anodized Aluminum <b>Z</b> Non-standard Finish (please specify)

**NOTES & LIMITATIONS**

<sup>1</sup>Some drivers may not be compatible with your specification. See [Driver Guide](#) for details.



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