

## Spec Guide

# ZipTwo® | Square Profile | 707

Direct lighting for open office and ambient applications.



Square, Critical Edge

### Benefits & Features

#### Low Profile Design

Square profile. 1.38" (35mm) x 1.38" (35mm).

#### Superior Light Quality & Performance

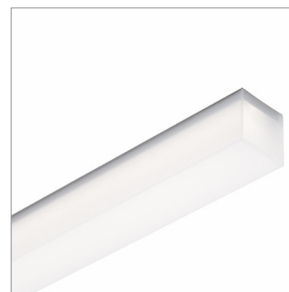
Output up to 1316 lm/ft (4318 lm/m) (HO), 135 lm/W (SO). 80 or 90 CRI & tunable white (2200K-5000K) available.

#### Versatile Mounting, Easy Installation

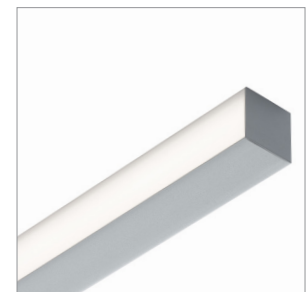
Magnet with tape-on metal strip or low profile clip allow for mounting to almost any surface or T-Bar ceiling.

#### Full Diffuse, Side Diffuse & Critical Edge™ Options

Full diffuse lens for wide distribution or Critical Edge™ for a floating plane of light without diode image.



Square, Diffuse



Square, Side Diffuse

## Build Your Specification

<b>707-Z2</b>	<b>SL</b>				<b>0</b> >>
---------------	-----------	--	--	--	-------------

System & Rail Type	System Type	System Length	Rail Length	Mounting	Arm/Cord Length
<b>707-Z2</b> ZipTwo	<b>SL</b> Standard Linear	Specify overall system length in ft/in or M/mm.	<b>24</b> 24" (610mm) <b>36</b> 36" (914mm) <b>48</b> 48" (1219mm) <b>60</b> 60" (1524mm) <b>72</b> 72" (1829mm) <b>96</b> 96" (2438mm) <b>ZZ</b> Other rail length or layout (please specify)	<b>C</b> Clip <b>CM</b> Clip with Micro J-Box <b>T</b> Magnet with Tape-On Metal Strip <b>T1</b> 9/16" T-Bar Clip, low profile <b>T2</b> 15/16" T-Bar Clip, low profile <b>T3</b> 15/16" T-Bar Clip, medium profile <b>T4</b> 15/16" T-Bar Clip, concealed <b>T5</b> 9/16" T-Bar Clip, medium profile <b>T6</b> Slotted T-Bar Clip <b>T7</b> Dimensional T-Bar Clip <b>SC</b> Strut Channel Clip <b>ZZ</b> Other (please specify)	<b>0</b> None

>> <b>RP</b>				<b>Z</b> >>
--------------	--	--	--	-------------

Power Location	Power Type	Voltage	Emergency Power	LED Type
<b>RP</b> Remote Power	<b>Remote Power*</b> <b>AE</b> eldoLED 0-10v, 1.0% Dimming <b>AT</b> eldoLED 0-10v, 0.1% Dimming <b>AD</b> eldoLED DALI, 0.1% Dimming <b>AX</b> eldoLED DMX, 100-0% Dimming <b>AH</b> Lutron Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1 <b>AH2</b> Lutron Hi-lume 1% 2-wire LTEA2W (120V forward phase only) <b>ZZ</b> Other (please specify)	<b>1</b> 120v <b>2</b> 120v-277v <b>X</b> Not Yet Specified	<b>0</b> No Emergency Power <b>ZZ</b> Emergency Power (specify requirements)	<b>Z</b> Zipper Board™

\*See [Power Guide](#) for driver features & limitations.

>>				<b>WH</b>	
----	--	--	--	-----------	--

Lumen Output	Color Temperature	Optics	Sensors	Finish	Options
<b>LO</b> Low Output <b>SO</b> Standard Output <b>HO</b> High Output* <b>ZZ</b> Other (please specify) See <a href="#">IES Files</a> page for details. *See <a href="#">Power Guide</a> for driver features & limitations.	<b>80+ CRI</b> <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K  <b>90+ CRI</b> <b>279</b> 2700K <b>309</b> 3000K <b>359</b> 3500K <b>409</b> 4000K <b>ZZ</b> Other (please specify)	<b>S5</b> Square, Critical Edge <b>S6</b> Square, Diffuse <b>S9</b> Square, Side Diffuse	<b>0</b> None <b>ZZ</b> Other (please specify) <sup>1</sup>	<b>WH</b> White	<b>0</b> None <b>9</b> 9' 18/3 Cord and Plug

### NOTES & LIMITATIONS

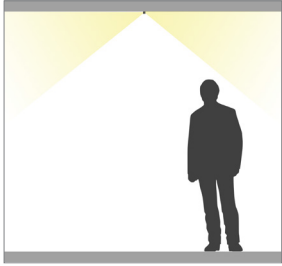
<sup>1</sup> Sensors are available please contact Vode for more information.

5 Year Limited Warranty. See full Vode warranty description [here](#) or at [vode.com](#).

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



# Applications



Vode Headquarters, Sonoma, CA



Vode Headquarters, Sonoma, CA

# Applications



Library Space



Vode Headquarters, Sonoma, CA

## Structure

Rail Lengths	24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm), 96" (2438mm).
Rail Dimensions	1.38" (35mm) x 1.38" (35mm). See dimensions section for details
Construction	Extruded and machined 6063 aluminum.
Mounting	Clip, Clip with Micro J-Box, Magnet with Tape-On Metal Strip, T-Bar Clips for most grid/panel construction, Strut Channel Clip.
Run Length	24" (610mm) minimum. Rail lengths may be installed end-to-end to any length.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-95%, non-condensing. Suitable for damp locations.
System Weight	0.25lbs per ft (0.11kg per 305mm). <i>Power supply and housing not included.</i>

## Materials

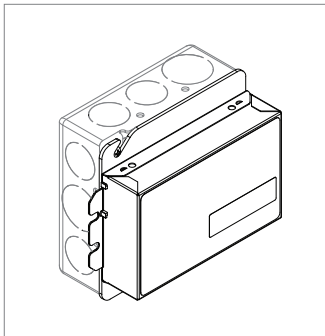
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 ( <i>PVC free in 2020</i> )
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant ( <i>PVC free in 2020</i> )
Remote Linear Power Housing (RLP)	20.7" x 2.375" x 2.53", 0.054" formed Galvanized Steel
Remote Brick Power Housing (RBP)	4.32" x 3.37" x .078" Galvanized Steel mounting plate

## Power and Controls

Power Type	Class 2 (<60v output) constant current driver
Dimming Controls	Dimming (0.1%, 1%), 0-10v, DALI, DMX, Lutron Hi-lume 1% are available. See <a href="#">Power Guide</a> for details.
Input Voltage	120v - 277v, 50/60hz
Power Location	Remote power. Maximum remote distance up to 100' (30.5m) <i>depending</i> on driver selection. See <a href="#">Power Guide</a> for details.

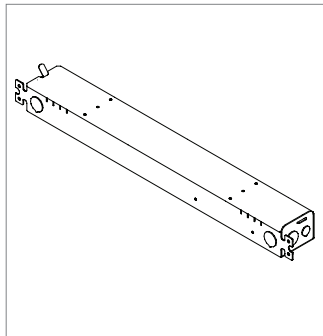
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

### Remote Brick Power Housing



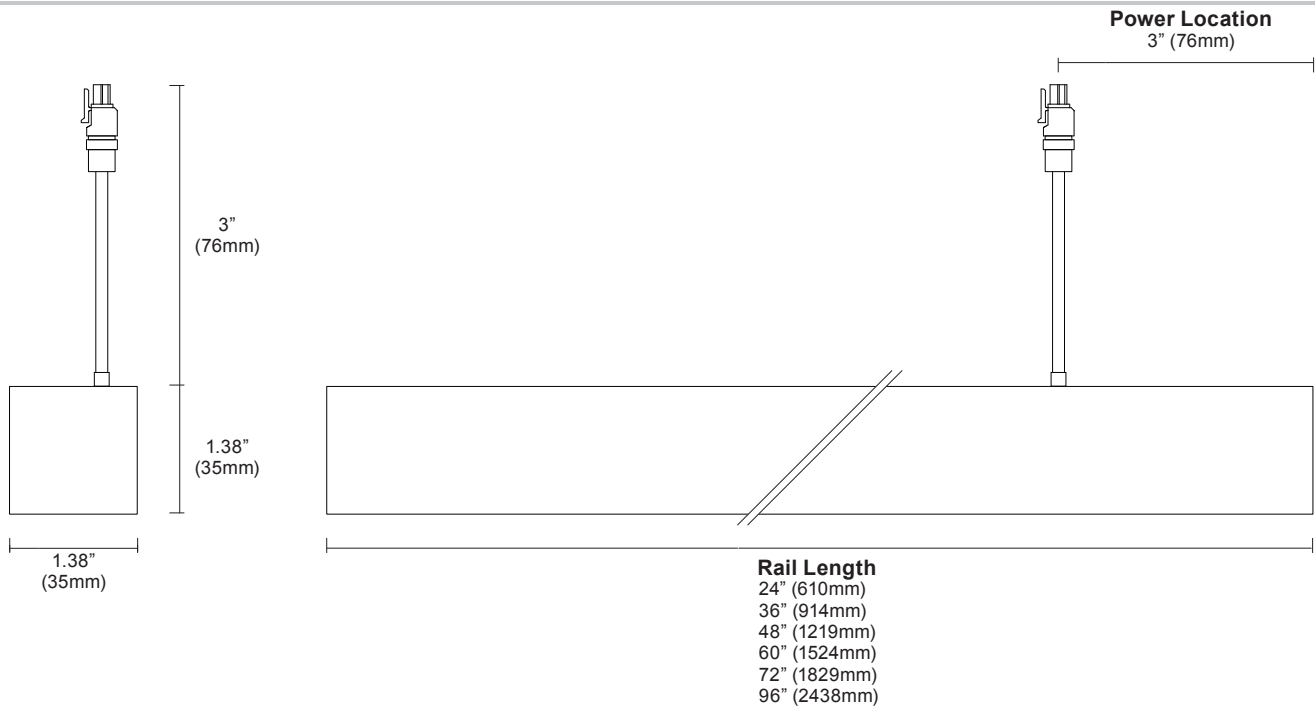
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in<sup>3</sup> (J-Box not provided). See [Tech Sheet](#) for details.

### Remote Linear Power Housing

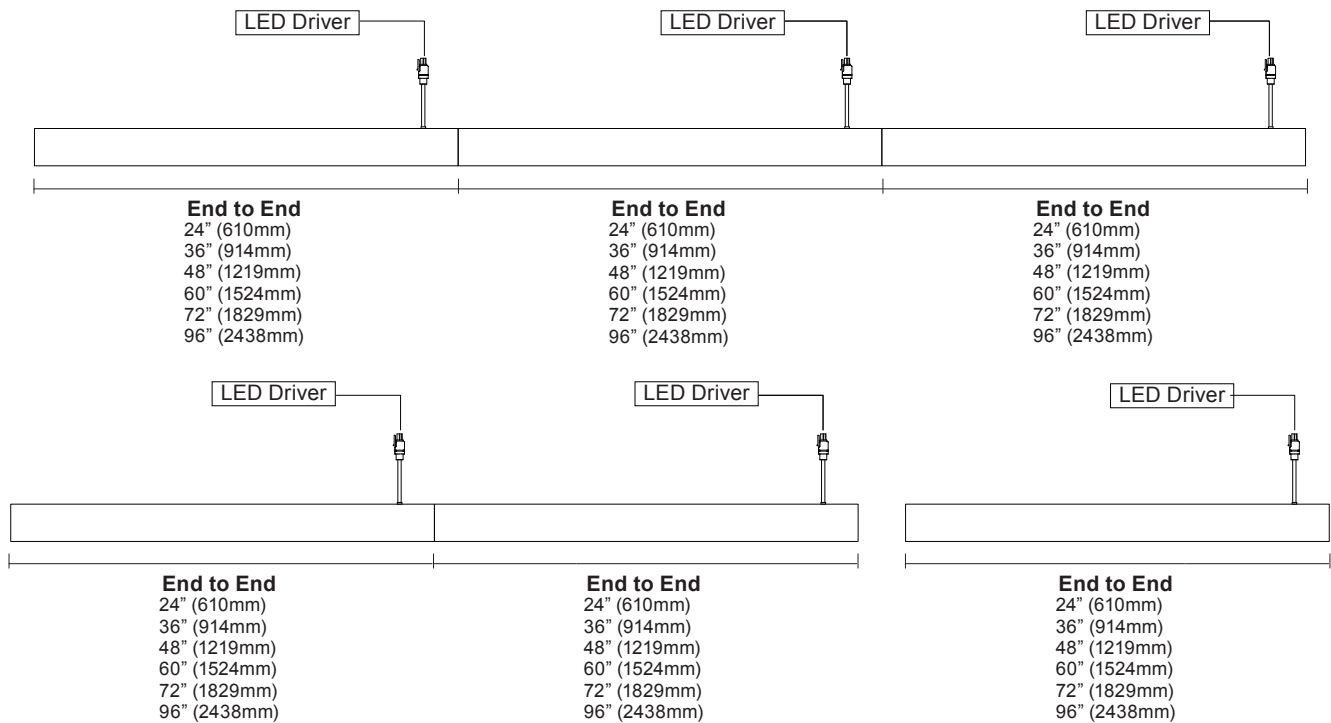


One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

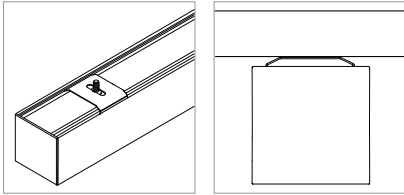
## Dimensions



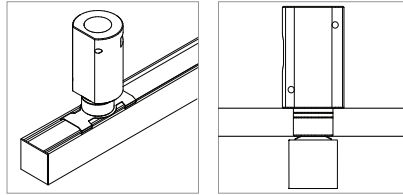
## Layout



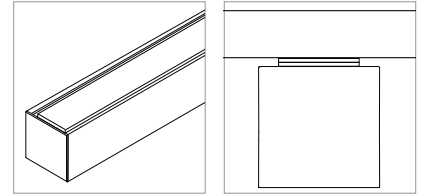
## Mounting Options



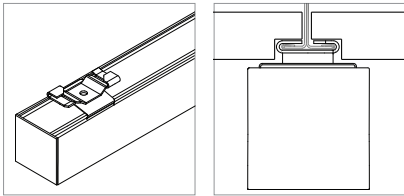
Clip (C)



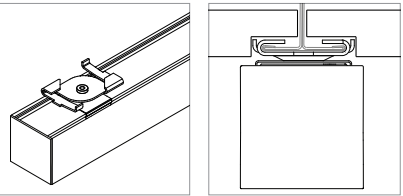
Clip with Micro J-Box (CM)



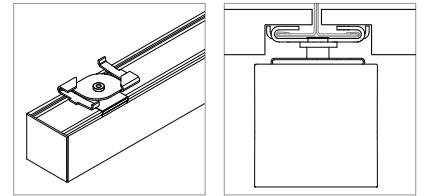
Magnet with Tape-On Metal Strip (T)



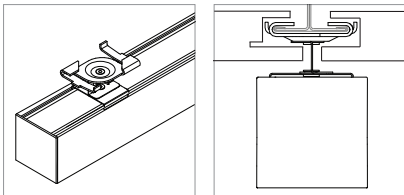
9/16" T-Bar Clip, low profile (T1)



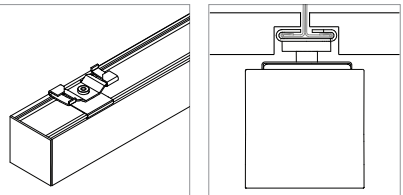
15/16" T-Bar Clip, low profile (T2)



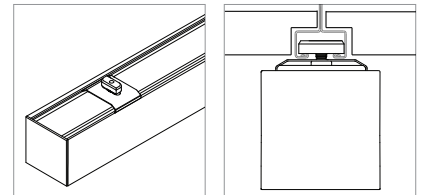
15/16" T-Bar Clip, medium profile (T3)



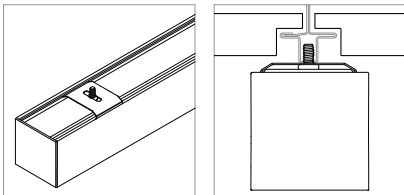
15/16" T-Bar Clip, concealed (T4)



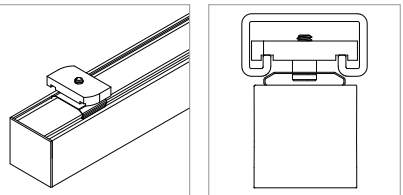
9/16" T-Bar Clip, medium profile (T5)



Slotted T-Bar Clip (T6)



Dimensional T-Bar Clip (T7)



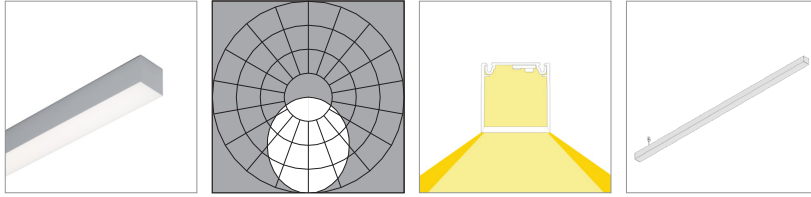
Strut Channel Clip (SC)

See [ZipTwo Clip Guide](#) to check compatibility.

## Performance | Zipper LED

Zipper Board has 72 diodes per foot (305mm). Testing based on a 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

### Square, Critical Edge (S5)



L80 >60,000 hours

	2700K	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K	2700K	3000K	3500K	4000K	
<b>Low Output (LO)</b>									
Efficacy - Lumens per Watt	52	54	55	56	45	47	48	49	
Lumens per foot (305mm)	211	218	222	227	182	188	192	195	
Watts per foot (305mm)	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	

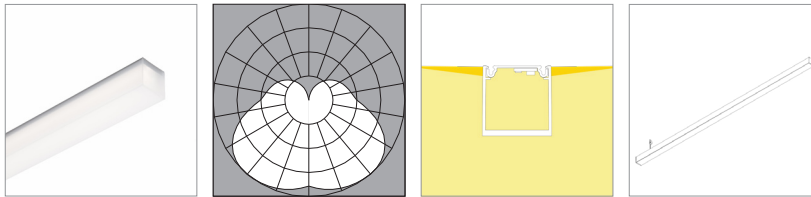
### Standard Output (SO)

Efficacy - Lumens per Watt	65	67	69	70	56	58	59	60
Lumens per foot (305mm)	422	436	445	453	364	376	383	391
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

### High Output (HO)

Efficacy - Lumens per Watt	65	67	68	70	56	58	59	60
Lumens per foot (305mm)	634	654	667	680	546	563	575	586
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

### Square, Diffuse (S6)



L80 >60,000 hours

	2700K	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K	2700K	3000K	3500K	4000K	
<b>Low Output (LO)</b>									
Efficacy - Lumens per Watt	101	104	106	108	87	90	92	94	
Lumens per foot (305mm)	409	422	430	439	352	363	371	378	
Watts per foot (305mm)	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	

### Standard Output (SO)

Efficacy - Lumens per Watt	126	130	132	135	108	111	114	116
Lumens per foot (305mm)	817	843	860	877	705	727	742	756
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

### High Output (HO)

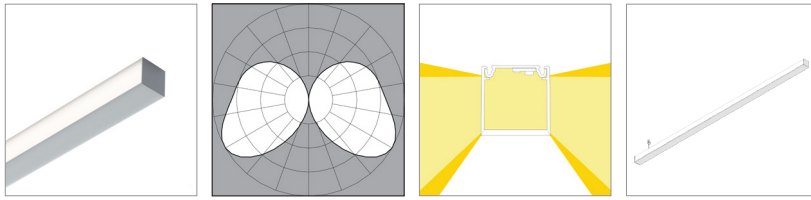
Efficacy - Lumens per Watt	125	129	132	134	108	111	114	116
Lumens per foot (305mm)	1226	1265	1290	1316	1057	1090	1112	1135
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9



## Performance | Zipper LED

Zipper Board has 72 diodes per foot (305mm). Testing based on a 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

### Square, Side Diffuse (S9)



L80 >60,000 hours

Low Output (LO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	79	82	84	85	68	71	72	74
Lumens per foot (305mm)	320	331	337	344	276	285	291	297
Watts per foot (305mm)	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1

Standard Output (SO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	99	102	104	106	85	87	89	91
Lumens per foot (305mm)	641	661	675	688	552	570	582	593
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

High Output (HO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	98	101	103	105	85	87	89	91
Lumens per foot (305mm)	961	992	1012	1032	829	855	872	890
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

© 2019 Vode Lighting LLC. All rights reserved.

The Vode logo and Vode, ZipTwo, Zipper Board names are either registered trademarks or trademarks of Vode Lighting LLC in the United States and/or other countries. All other brand or product names are trademarks or registered trademarks of their respective owners. Due to ongoing innovation, specifications may change without notice.