



Adaptive architectural lighting systems



Spec Guide

ZipOne® | 707

Accent or task lighting for under cabinet, cove and reveal accent.



ZipOne: direct or indirect, task and cove light.

Benefits & Features

Micro Profile, Robust design

Flat profile. 0.30" (7mm) x 1.14" (29mm).

Superior Light Quality & Performance

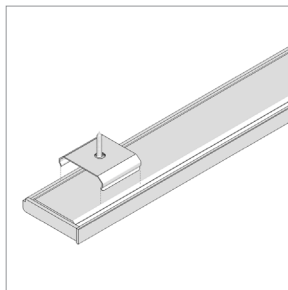
Output up to 1193 lm/ft (3913 lm/m) (HO), 122 lm/W (HO). 80 or 90 CRI & tunable white (2200K-5000K) available.

Versatile Mounting Options, Easy Installation

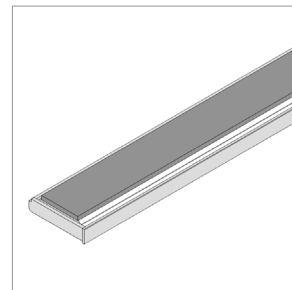
Magnet with tape-on ferrous strip or low profile clip allow for mounting to almost any surface.

Better Optics & Beam Control

100° beam distribution with EdgeSoft™ lens for excellent cutoff and glare control.



Clip



Magnet

Build Your Specification

707-Z1	SL				0
System & Rail Type	System Type	System Length	Rail Length	Mounting	Arm/Cord Length
707-Z1 ZipOne	SL Standard Linear	Specify overall system length in ft/in or M/mm.	24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) ZZ Other rail length or layout (please specify)	C Clip T Magnet with Tape-On Metal Strip ZZ Other (please specify)	0 None

				Z
Power Location	Portable Power	Voltage	Emergency Power	LED Type
PP Portable Power	WP Wall Plug with On/Off Button ¹	1 120v 2 120v-277v 4 120v-240v X Not Yet Specified	0 No Emergency Power ZZ Emergency Power (specify requirements)	Z Zipper Board™
Remote Power	Remote Power			
RP2 25' (7.62m) Wire Harness	Flexible 1 to 1 Power			
RP5 50' (15.24m) Wire Harness	AE eldoLED 0-10v, 1.0% Dimming			
RP7 75' (22.86m) Wire Harness	AT eldoLED 0-10v, 0.1% Dimming			
RP1 100' (30.48m) Wire Harness	AD eldoLED DALI, 0.1% Dimming			
	AX eldoLED DMX, 100-0% Dimming			
	AH Lutron Hi-Lume 1% EcoSystem (LDE1)			
	AH2 Lutron Hi-Lume 1% 2-wire (LTE)			
	Optimized Power			
	AEO eldoLED 0-10v, 1.0% Dimming, Optimized Power			
	ATO eldoLED 0-10v, 0.1% Dimming, Optimized Power			
	ADO eldoLED DALI, 0.1% Dimming, Optimized Power			
	AXO eldoLED DMX, 100-0% Dimming, Optimized Power			
	ZZ Other (please specify)			

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

Lumen Output	Color Temperature	Optics	Sensors	Finish	Options
LO Low Output	80+ CRI	A2 100° Asymmetric	0 None	AL Clear Anodized	3 3.5" (89mm) Fixture Cord
SO Standard Output	27 2700K		ZZ Other (please specify) ³		18 18" (457mm) Fixture Cord
HO High Output*	30 3000K				36 36" (914mm) Fixture Cord
ZZ Other (please specify)	35 3500K				9 9' 18/3 Cord and Plug ⁴
See IES Files page for details.	40 4000K				
*See Power Guide for driver features & limitations.	90+ CRI				
	279 2700K				
	309 3000K				
	359 3500K				
	409 4000K				
	ZZ Other (please specify)				

NOTES & LIMITATIONS

¹ WP is only available with Low Output (LO) and 120-240v in 36" and 48" Rail Lengths.

² Wall plug (WP) version is 120v-240v

³ Sensors are available please contact Vode for more information.

⁴ 9' 18/3 Cord and Plug only available with Remote Power (RP)

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

General Interior and Open Office



Structure

Rail Lengths	24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm), 96" (2438mm).
Rail Dimensions	0.3" (7mm) x 1.14" (29mm).
Construction	Extruded and machined 6063 aluminum.
Mounting	Various permanent and portable mounting options.
Run Length	24" (610mm) minimum. Rail lengths may be configured 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	0.26lbs per ft (0.12kg per 305mm). <i>Power supply and housing not included.</i>

Materials

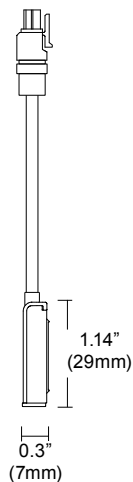
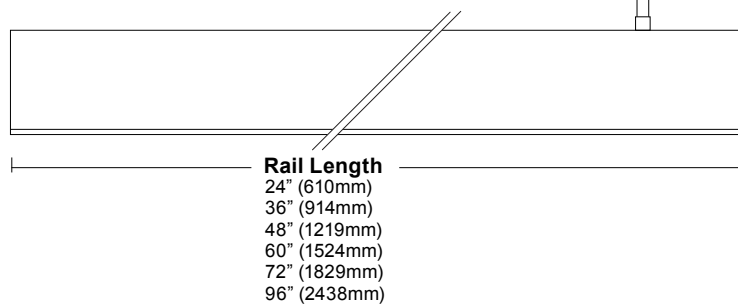
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø4mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 (<i>PVC free in 2020</i>)
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen 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

Dimensions

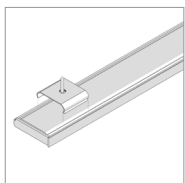
Magnet with Tape-On Metal Strip (T)



Clip (C)

Power Location
1" (25mm)Fixture Cord
3.5" (89mm)
18" (457mm)
36" (914mm)

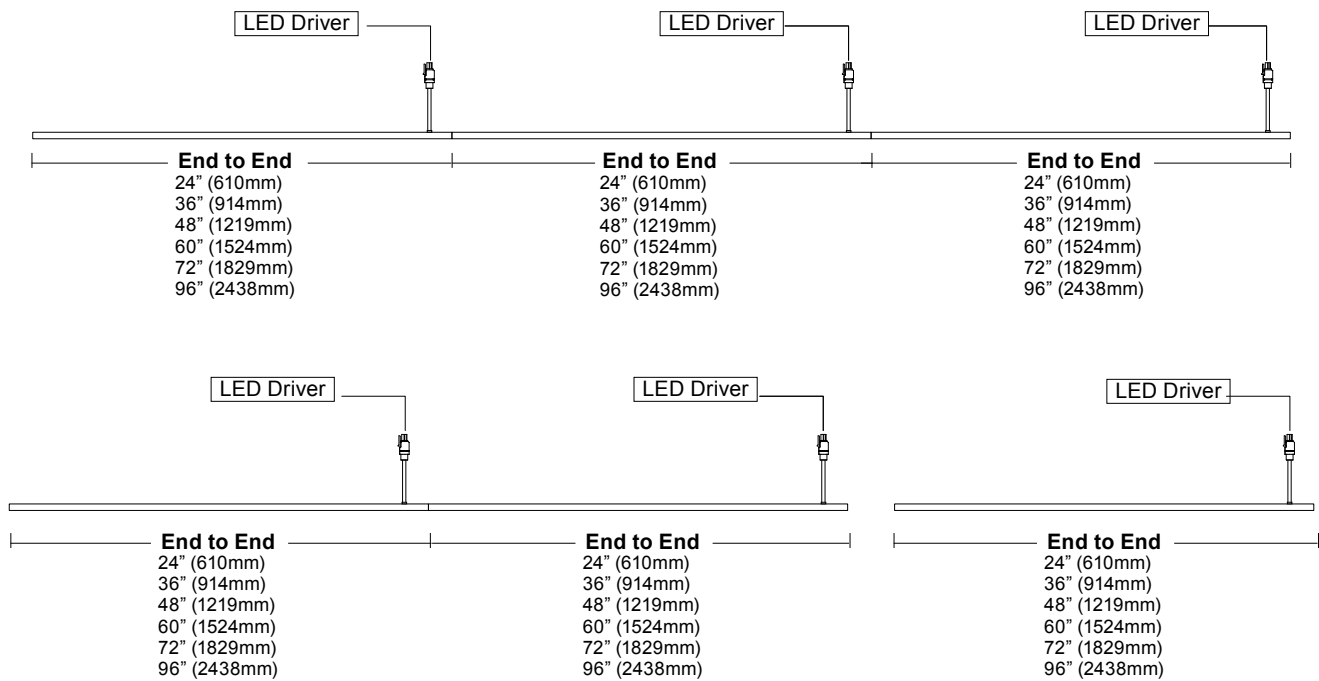
Mounting Options



Clip

Magnet with Tape-On
Metal Strip

Layout

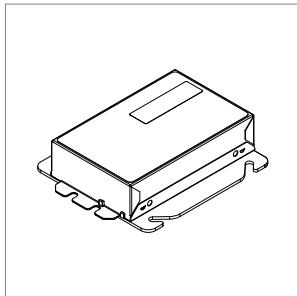


Power and Controls

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 Power Guide for details.
Input Voltage	120v - 277v, 50/60hz
Power Location	Portable power or remote power. Maximum remote distance up to 100' (30.5m) depending on driver selection. See Power Guide for details.

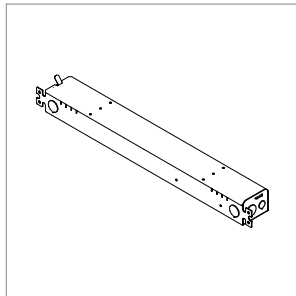
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive. Portable power is a wall plug with on/off switch.

Remote Brick Power Housing



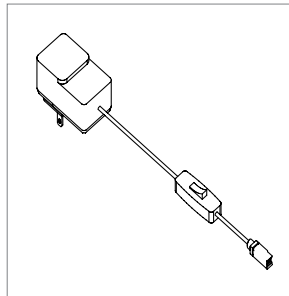
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



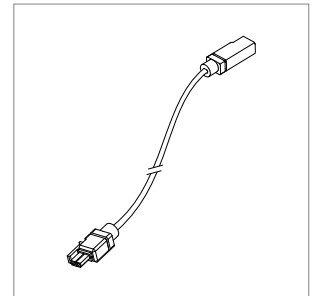
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

Integral Power



Wall plug is only available in Low Output and 120-240v in 24" and 36" Rail Lengths.

Wire Harness

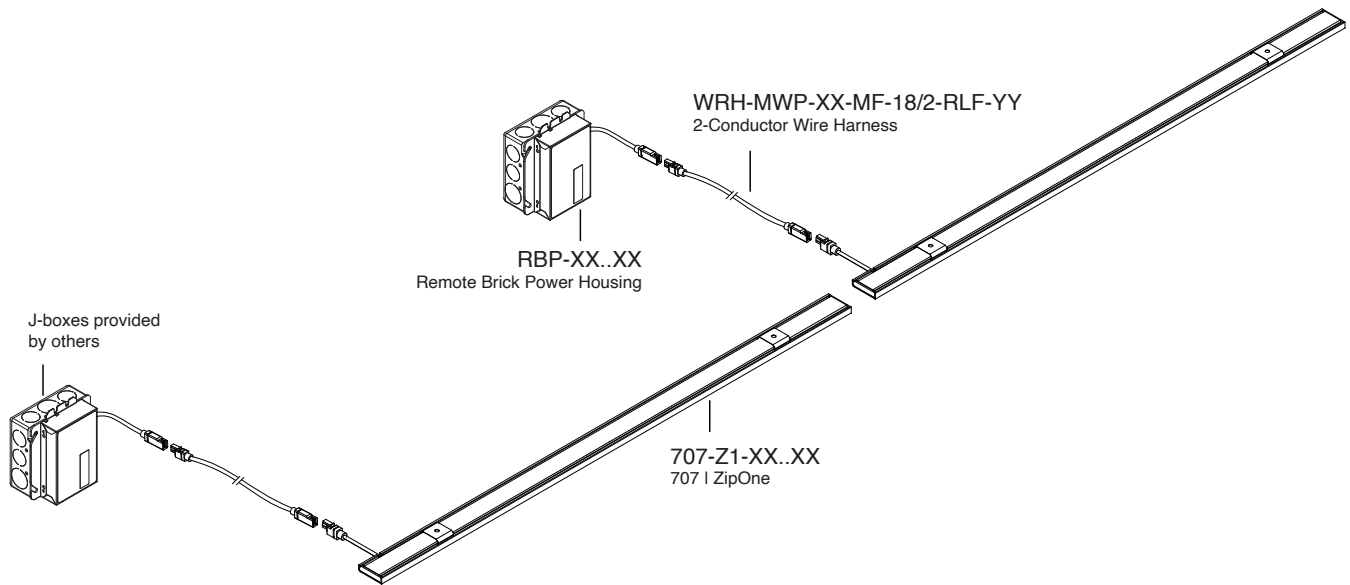


Wire harness connects driver to rail. Wire harness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

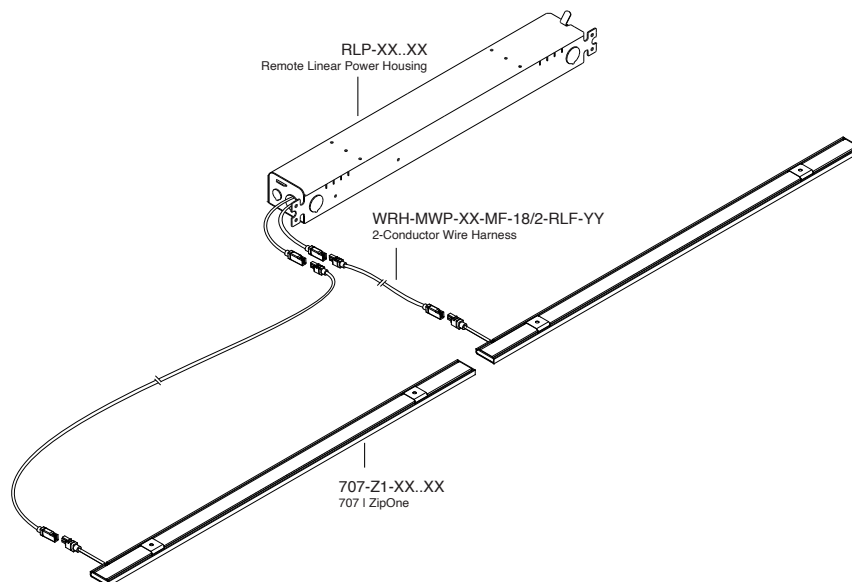
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#) to determine which type you will receive.



Optimized Power

To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult [Power Guide](#) to determine which type you will receive.

IMPORTANT: Each fixture will still require individual wire harnesses, as shown below.

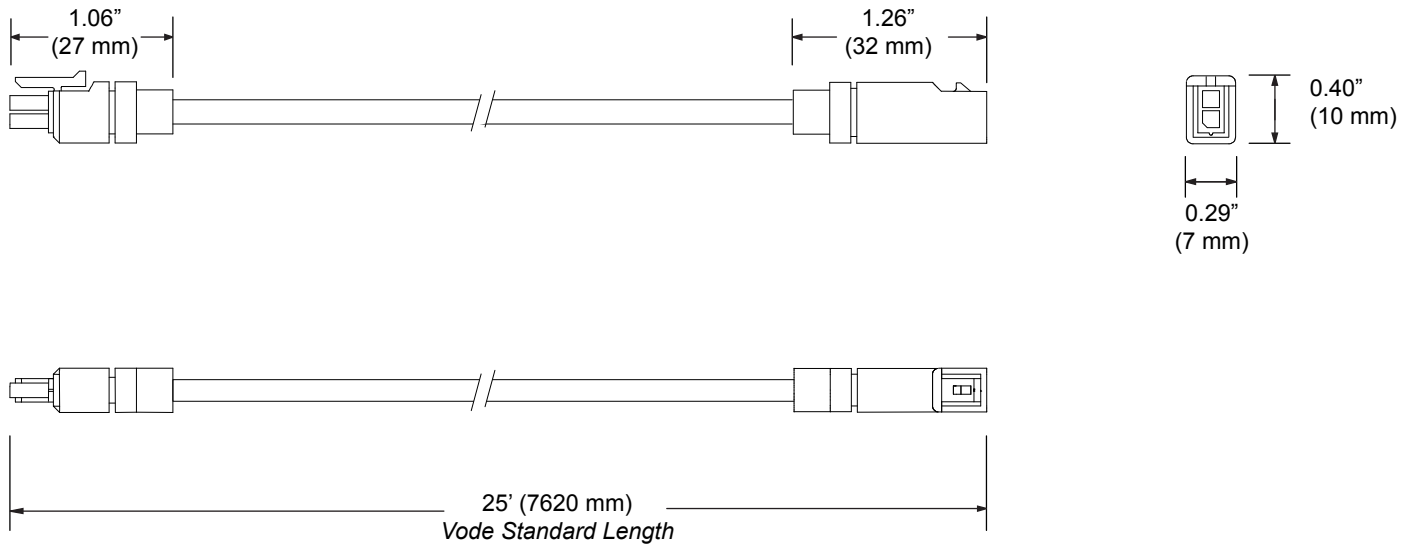


Note: Drawings not to scale, for reference only.

Power and Controls

Wire Harness

Low voltage wire harness connects driver to rail. Wire harness is 25' (7.6m) 18/2 AWG stranded wire with provided micro fit molex connectors on either end for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). Refer to Vode Power Guide for max remote distance based on power selection. Consult [Power Guide](#) to determine which type you will receive.

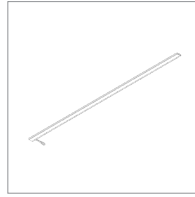
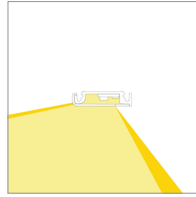
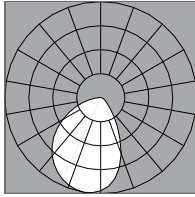


Note: Drawings not to scale, for reference only.

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.

100° Asymmetric (A2)



L80 >60,000 hours

80 CRI (80min., 84 avg.)

90 CRI (90min., 96 avg.)

Low Output (LO)

	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	98	101	103	103	85	87	89	90
Lumens per foot (305mm)	397	410	418	418	342	353	361	364
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	122	126	129	129	106	109	111	113
Lumens per foot (305mm)	795	820	836	836	685	707	721	728
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.5	6.5	6.6	6.5

High Output (HO)

Efficacy - Lumens per Watt	122	125	128	128	105	108	110	112
Lumens per foot (305mm)	1192	1229	1255	1255	1027	1060	1082	1092
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9