

Spec Guide

# ZipTwo | Round 3515 | Ceiling Cable | 707



Direct lighting for open office and ambient applications.



Round 3515, Diffuse, white



## Benefits & Features

### Low Profile Design

Round profile. 1.38" (35mm) x 0.60" (15mm).

### Superior Light Quality with High Diffusion

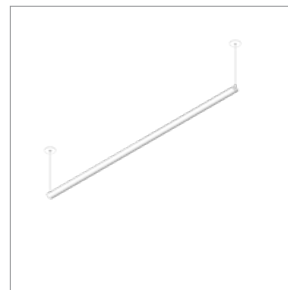
Output up to 1308 lm/ft (4290 lm/m) (HO), 134 lm/W HO. 90 CRI & tunable white (2200K-5000K) available.

### Adaptive Power Body

Full range dimming power for all protocols. Integral or remote power available. Remote power available up to 100' (30.5m) away.

### High Diffusion & Uniform Distribution

Wide, soft distribution without diode image.



Small Round Canopy



Integral Power

## Build Your Specification

<b>707-Z2</b>	<b>S</b>			<b>CC</b>	»»
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System & Rail Type	System Type	System Length	Rail Length	Mounting	Arm/Cord Length
707-Z2 ZipTwo	S Suspended	Specify overall system length in ft/in or M/mm.  <i>Corner and Shapes Available See Guide for details.</i>	<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>108</b> 108" (2743 mm) <b>120</b> 120" (3048 mm) <b>132</b> 132" (3352 mm) <b>144</b> 144" (3658 mm) <b>ZZ</b> Other rail length or layout (please specify)	CC Ceiling Cable	<b>48</b> 48" cord (1219mm) <b>96</b> 96" cord (2438mm) <b>ZZ</b> Other (please specify)

See [Rail Length Chart](#) for more details.

**⚠ Custom lengths may result in light gaps on the fixture. See Rail Length Chart for more details.**

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Power Location	Power Type	Voltage	Emergency Power
<b>Integral Power</b>	<b>Flexible 1 to 1 Power</b>	<b>1</b> 120V	<b>0</b> No Emergency Power
<b>IP</b> Integral Power	<b>AE</b> 0-10V, 1.0% Dimming	<b>2</b> 120V - 277V	<b>ZZ</b> Emergency Power (specify requirements)
<b>Remote Power</b>	<b>AT</b> 0-10V, 0.1% Dimming	<b>X</b> Not Yet Specified	
Specify mounting and harness length code example: <b>2R25, 2R50</b> ...etc.	<b>AD</b> DALI, 0.1% Dimming		
<b>Mounting Option</b>	<b>AX</b> DMX, 100-0% Dimming		
<b>2R</b> Small Round Canopy	<b>AH</b> Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE <sup>1</sup>		
<b>4R</b> Large Round Canopy	<b>AH2</b> ELV 1% 2-wire (Forward and Reverse Phase)		
<b>Wire Harness</b>	<b>Optimized Power</b>		
<b>10</b> 10' (3.048m) Wire Harness	Add 'O' to power type example: AEO, ATO...etc. <sup>1</sup>		
<b>25</b> 25' (7.62m) Wire Harness	<b>VodeNODE</b>		
<b>50</b> 50' (15.24m) Wire Harness	Add 'N' to power type for Flexible 1 to 1 Power		
<b>75</b> 75' (22.86m) Wire Harness	Add 'ON' to power type for Optimized Power example: AEN, ATN, AEON, ADON...etc. <sup>2</sup>		
<b>100</b> 100' (30.48m) Wire Harness	<b>ZZ</b> Other (please specify)		

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

»»	<b>Z</b>		<b>S4</b>	»»
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LED Type	Lumen Output	Color Temperature	Optics	Sensors <sup>3</sup>
<b>Z</b> Zipper Board	<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>90+</b> CRI <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K <b>ZZ</b> Tunable White Available See <a href="#">Guide</a> for details.	<b>S4</b> Round 3515, Diffuse	<b>0</b> None <b>ENC</b> Canopy with integrated Enlighted Micro Sensor <b>WSC</b> Canopy with integrated Legrand Wattstopper sensor <b>LAC</b> Canopy with integrated Lutron Athena sensor <b>ZZ</b> Other (please specify)

»»	<b>WH</b>
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Finish	Options
<b>WH</b> White	<b>0</b> None <b>9</b> 9' 18/3 Cord and Plug <b>CP</b> Chicago Plenum <b>LLLC</b> Luminaire Level Lighting Controls

### NOTES & LIMITATIONS

<sup>1</sup> Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type.

<sup>2</sup> VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type.

<sup>3</sup> Sensors, drivers and control units that are integrated into Vode fixtures are discrete components that communicate with network lighting controls. For more information about each network lighting control system, visit the manufacturer's website for additional system information and technical data sheets.

For general information about network lighting controls, consult the DesignLights Consortium® (DLC) [Networked Lighting Control Qualified Product List](#).

Standard 5 Year Limited Warranty. See details [here](#). Contact factory for options on Limited Warranties up to 20 years.

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA. Certain limitations exist for each Certification. Contact factory for verification.



## Applications

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### General Interior and Open Office



Round 3515, Diffuse




Round 3515, Diffuse

## Declare Label

All Vode Lighting linear light fixtures proudly carry the Red List Approved designation.

See [International Living Future Institute](https://www.livingfuture.org/declare) website for details.



# Declare.

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## Vode Adaptive Architectural Lighting Systems

### Vode Lighting LLC

**Final Assembly:** Sonoma, California, US  
**Life Expectancy:** 10+ Year(s)  
**End of Life Options:** Recyclable (100%)

**Ingredients:**

Anodized Aluminum (6063-T5 Alloy); Steel; Small Electrical Component (RoHS)<sup>1</sup>; Copper; **Fluorinated Ethylene Propylene (masterbatch)**<sup>2</sup>; Polymethyl methacrylate (PMMA); Stainless Steel; Polyoxymethylene Copolymer (POM); Styrene-butadiene polymer, hydrogenated; Poly(methyl methacrylate/butyl acrylate/styrene) (PMMA/BA/S); Styrene/butadiene copolymer; Distillates; Polypropylene; Calcium carbonate; Polycarbonate; EVA Copolymer; Methyl methacrylate (MMA); Polyphenylene Oxide; Brass; Tin, Organic

<sup>1</sup>LBC Temp Exception RL-002 - Small Electrical Components  
<sup>2</sup>LBC Temp Exception RL-023 - Wire Sheathing Subject to NFPA 90A, NFPA 262, UL® 910

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**

<input type="checkbox"/> LBC Red List Free	% Disclosed: 100% at 100ppm
<input checked="" type="checkbox"/> LBC Red List Approved	VOC Content: Not Applicable
<input type="checkbox"/> Declared	

**I-10 Interior Performance:** Not Applicable  
**I-14 Responsible Sourcing:** Not Applicable

VDE-0001  
 EXP. 01 JAN 2025  
 Original Issue Date: 2018

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY  
 INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://www.living-future.org/declare)



## Structure

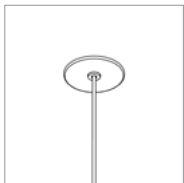
Rail Lengths	24" (610mm) - 144" (3658mm). Modified lengths available. See <a href="#">Rail Length Chart</a> for more details.
Rail Dimensions	1.38" (35mm) x 1.29" (33mm) x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Ceiling mount to jbox or driver housing.
Cable Length	48" (1220mm) and 96" (2438mm) available. Field adjustable. Non-standard cable lengths available.
System Run Length	24" (610mm) minimum. Unlimited maximum.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-85%, non-condensing.
System Weight	0.35 lbs per foot (0.16 kg per 305mm) Power supply and housing not included.

## Materials

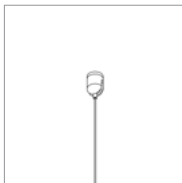
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Suspension Cable	Ø4mm, 22/4 AWG, TPE jacket, FEP-insulated, Red List Approved.
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, Red List Approved.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant, Red List Approved.
Remote Linear Power Housing	20.7" x 2.375" x 2.53", 0.054" formed Galvanized Steel.
Remote Brick Power Housing	4.32" x 3.37" x .078" Galvanized Steel mounting plate.
Integral Power Housing	extruded and machined 6063 aluminum.
Center Cable Suspension	3/64" aircraft cable.

## Mounting Options

### Remote Power

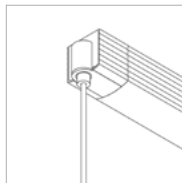


Small Round  
Canopy  
Ø2.5" (51mm)

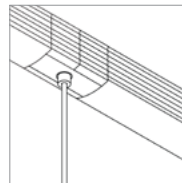


Center Support Cable  
108" - 144" Rails Only  
Center Support Cable for  
mounting to T-Bar tile available.

### Integral Power (24"-72")

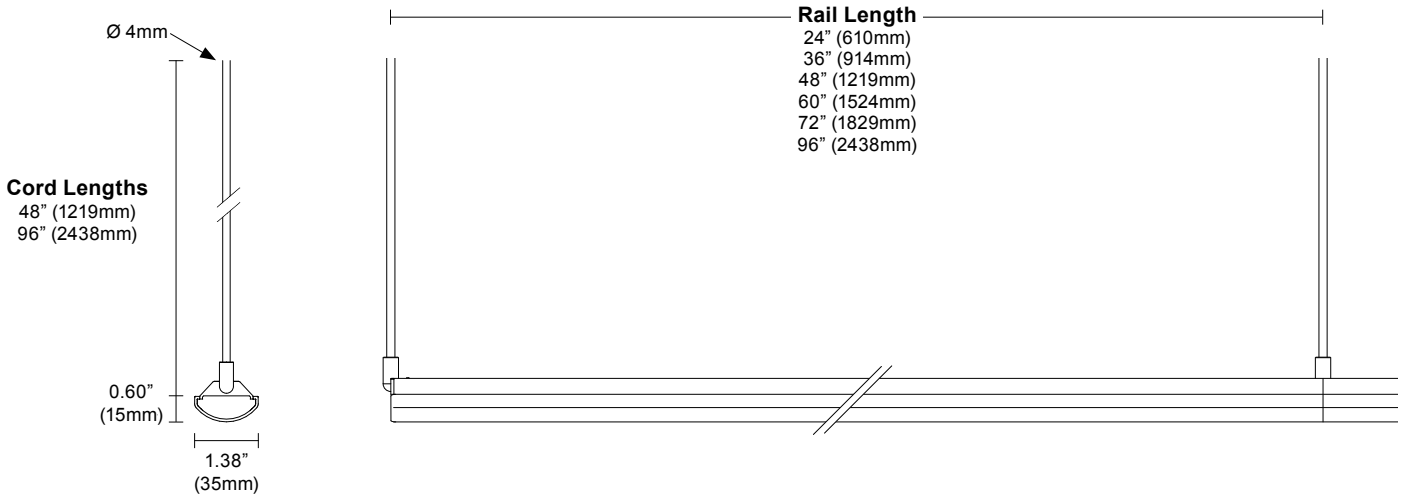


Integral Power  
(end)  
h 1.8" (46mm)  
w 1.7" (43mm)

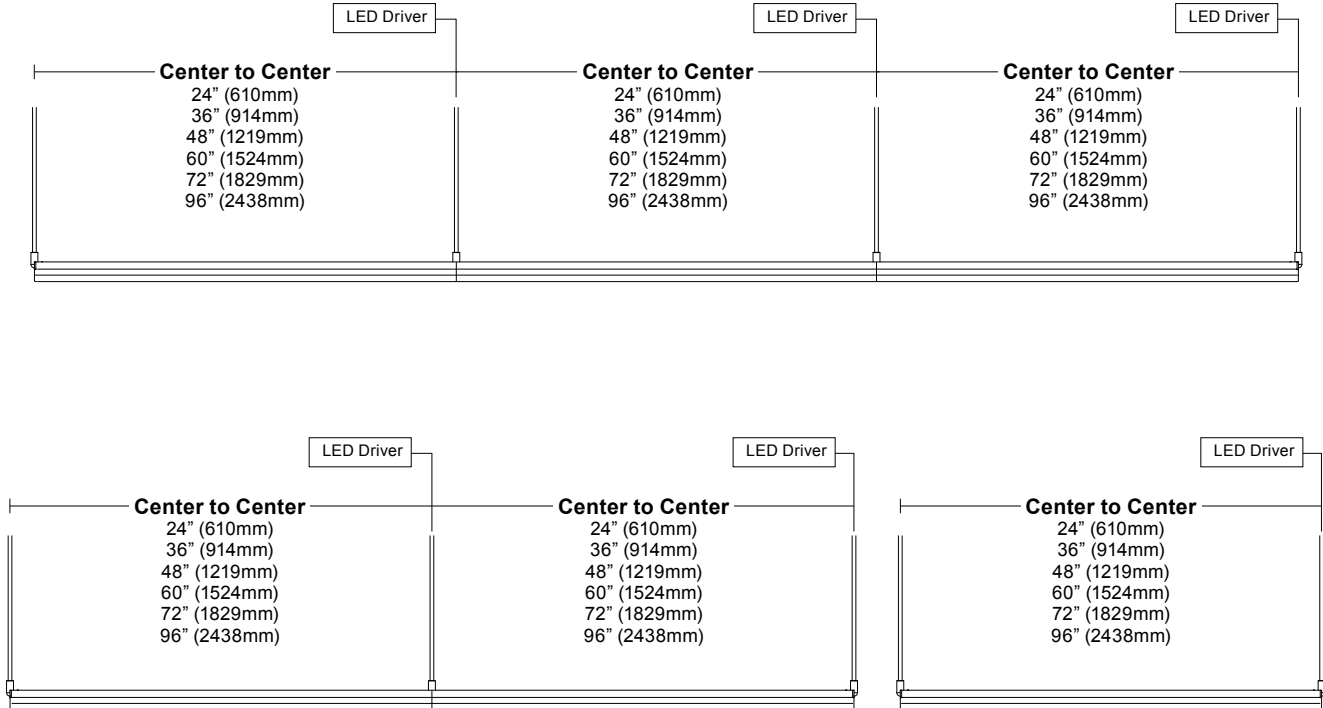


Integral Power  
(joint)

## Dimensions

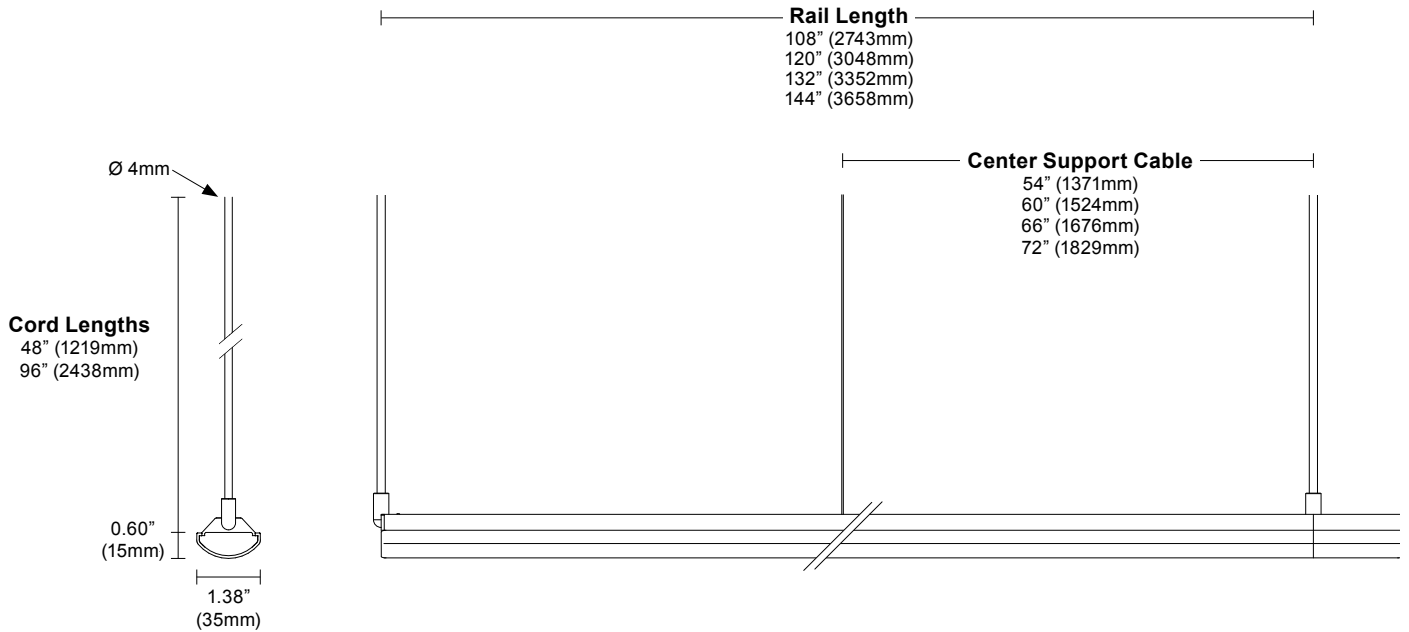


## Layout

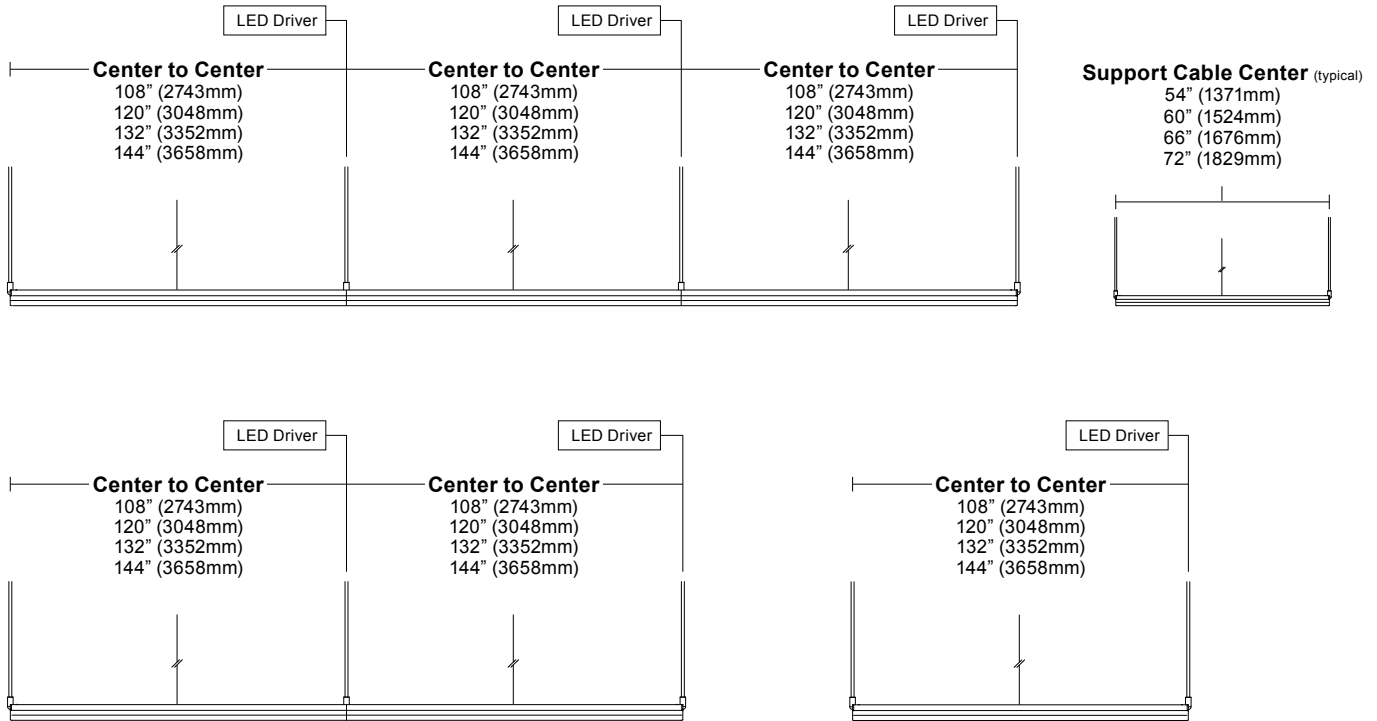


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

## Dimensions



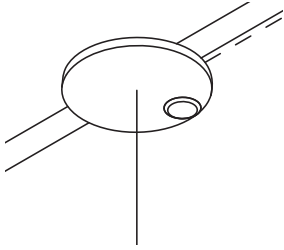
## Layout



Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

## vodeCONNECT Sensors

Canopy with integrated sensor



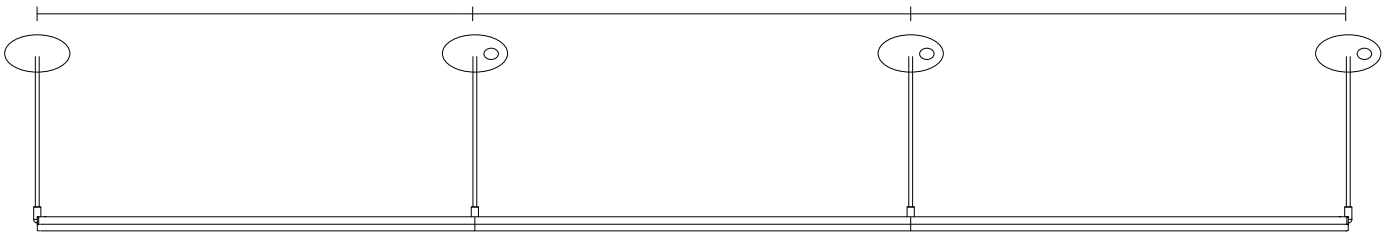
Sensor partners



### Integrated canopy sensor layout <sup>1</sup>

*1 sensor per fixture. See [vodeCONNECT brochure](#) for more details.*

**NOTES:** 1. Available with Large Round Canopy only.



### Compatible sensors



Lutron Athena



Legrand Wattstopper



Enlighted Micro Sensor

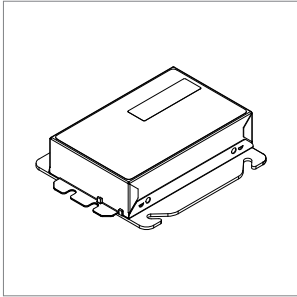


## Power and Controls

Power Type	Class 2 (<60V output) constant current driver.
Dimming Controls	Dimming (0.1%, 1%), 0-10V, DALI, DMX, 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) depending on driver selection. See <a href="#">Power Guide</a> for details.

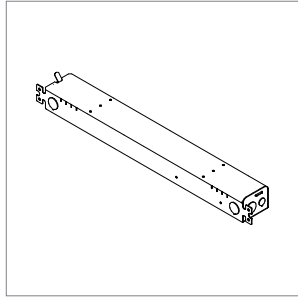
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

### Remote Brick Power Housing



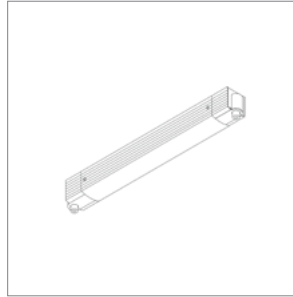
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in<sup>3</sup> (J-Box not provided). See [Tech Sheet](#) for details.

### Remote Linear Power Housing



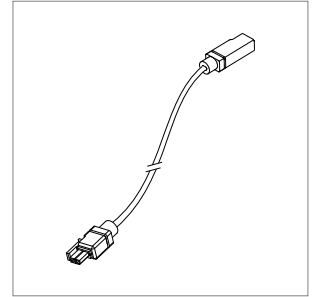
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

### Integral Power



Houses integral power supply. Direct conduit feed is recommended, but integral power supply housing will mount to any standard North America 4" j-box. Mounts to most surfaces. Blocking is recommended at all arm junctions. See [Tech Sheet](#) for details.

### Wire Harness

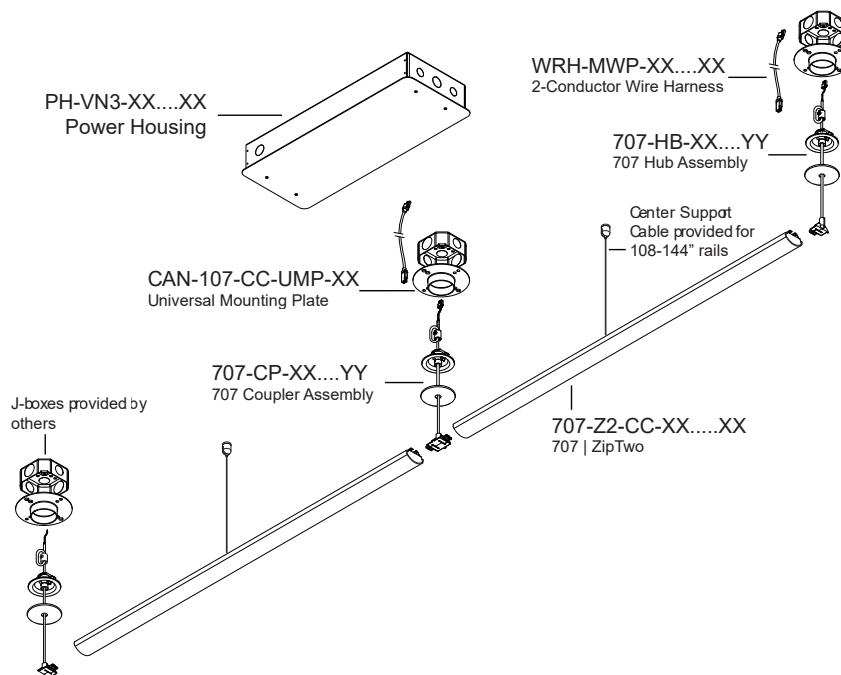


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

## 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.

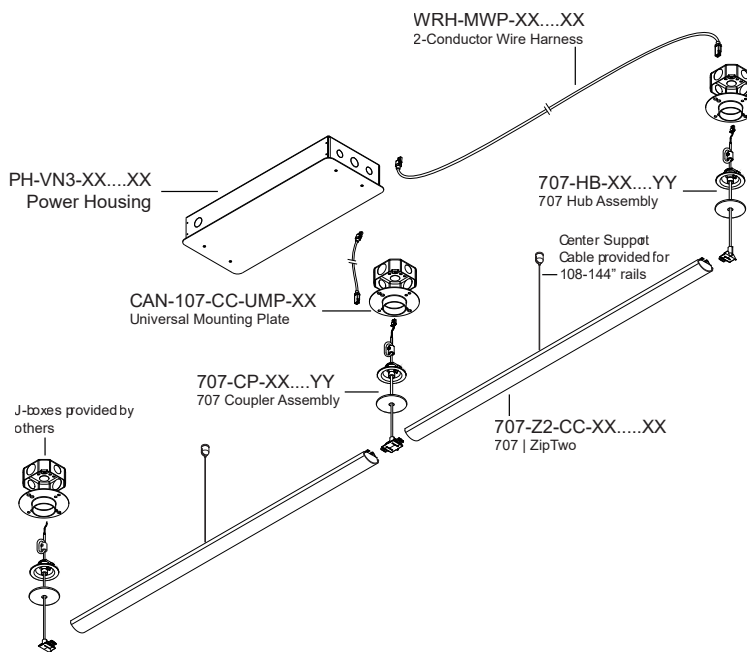


Note: Drawings not to scale, for reference only.

### 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.



### Finish

White Finish



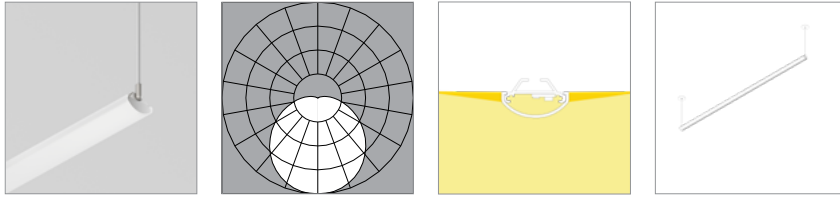
White Rail, White Canopy/Integral Power, White Cable

Note: Drawings not to scale, for reference only.

## Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

Round 3515, Diffuse, white finish (S4-WH)



L90 >100,000 hours

**90 CRI (90min., 96 avg.)**

	2700K	3000K	3500K	4000K
<b>Low Output (LO)</b>				
Efficacy - Lumens per Watt	94	97	99	100
Lumens per foot (305mm)	347	358	366	369
Watts per foot (305mm)	3.8	3.8	3.8	3.8
<b>Standard Output (SO)</b>				
Efficacy - Lumens per Watt	106	110	113	113
Lumens per foot (305mm)	695	717	731	739
Watts per foot (305mm)	6.6	6.6	6.6	6.6
<b>High Output (HO)</b>				
Efficacy - Lumens per Watt	106	109	111	113
Lumens per foot (305mm)	1042	1075	1097	1108
Watts per foot (305mm)	9.9	9.9	9.9	9.9

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