



Spec Guide

ZipTwo | Square 3535 | Ceiling Cable | 707



Direct lighting for open office and ambient applications.



Square 3535, Diffuse, white

Benefits & Features

Low Profile Design

Square profile. 1.38" (35mm) x 1.42" (36mm).

Superior Light Quality & Performance

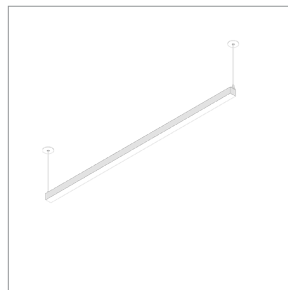
Output up to 1516 lm/ft (4892 lm/m) (HO), 154 lm/W HO. 80 or 90 CRI & tunable white (2200K-5000K) available.

Adaptive Power Body

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

Extensive Optics

Options of Diffuse, Critical Edge, and Side Diffuse give designers the power to create and design their space using one product.



Small Round Canopy



Integral Power

Build Your Specification

707-Z2	S			CC	▶▶
---------------	----------	--	--	-----------	----

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>	24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) 108 108" (2743 mm) 120 120" (3048 mm) 132 132" (3352 mm) 144 144" (3658 mm) ZZ Other rail length or layout (please specify) <i>See Rail Length Chart for more details.</i>	CC Ceiling Cable	48 48" cord (1219mm) 96 96" cord (2438mm) ZZ Other (please specify)

▲ Custom lengths may result in light gaps on the fixture. See [Rail Length Chart](#) for more details.

▶▶			▶▶
----	--	--	----

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

▶▶	Z				▶▶
----	----------	--	--	--	----

LED Type	Lumen Output	Color Temperature	Optics	Sensors ³
Z Zipper Board	LO Low Output SO Standard Output HO High Output ZZ Other (please specify) <i>See IES Files page for details.</i> <i>See Power Guide for driver features & limitations.</i>	80+ CRI 27 2700K 30 3000K 35 3500K 40 4000K 90+ CRI 279 2700K 309 3000K 359 3500K 409 4000K ZZ Tunable White Available See Guide for details.	S5 Square 3535, Critical Edge S6 Square 3535, Diffuse S9 Square 3535, Side Diffuse SA Square 3535, Single Side Diffuse	0 None ENC Canopy with integrated Enlighted Micro Sensor WSC Canopy with integrated Legrand Wattstopper sensor LAC Canopy with integrated Lutron Athena sensor ZZ Other (please specify)

▶▶	
----	--

Finish	Options
WH White	0 None
BL Black	9 9' 18/3 Cord and Plug
	CP Chicago Plenum
	LLLC Luminaire Level Lighting Controls

NOTES & LIMITATIONS

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

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

³ 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

General Interior and Open Office



Square 3535, Critical Edge



Square 3535, Critical Edge



Square 3535, 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.



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)¹; Copper; **Fluorinated Ethylene Propylene (masterbatch)**²; 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

¹LBC Temp Exception RL-002 - Small Electrical Components

²LBC 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

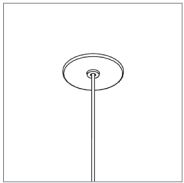
Rail Lengths	24" (610mm) - 144" (3658mm). Modified lengths available. See Rail Length Chart for more details.
Rail Dimensions	1.38" (35mm) x 2.11" (54mm) x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Ceiling mount to jbox or driver housing.
Cable Length	48" (1220mm) and 96" (2438mm) 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

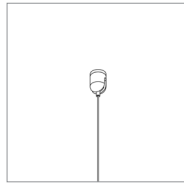
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Suspension Cable	Ø4mm, 22/4 AWG, TPE jacket, FEP-insulated, Red List Approved.
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, Red 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

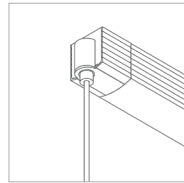


Small Round Canopy
Ø2.5" (51mm)

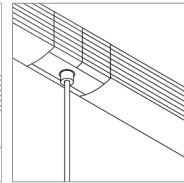


Center Support Cable
108" - 144" Rails Only
Center Support Cable for mounting to T-Bar tile available.

Integral Power (24"-72")

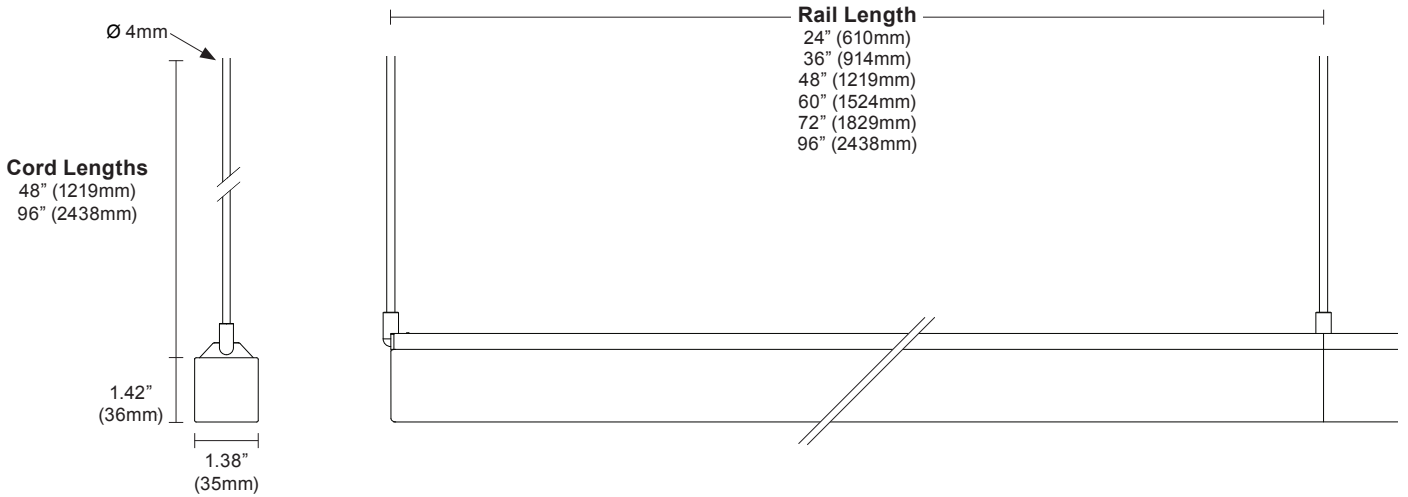


Integral Power (end)
h 1.8" (46mm)
w 1.7" (43mm)

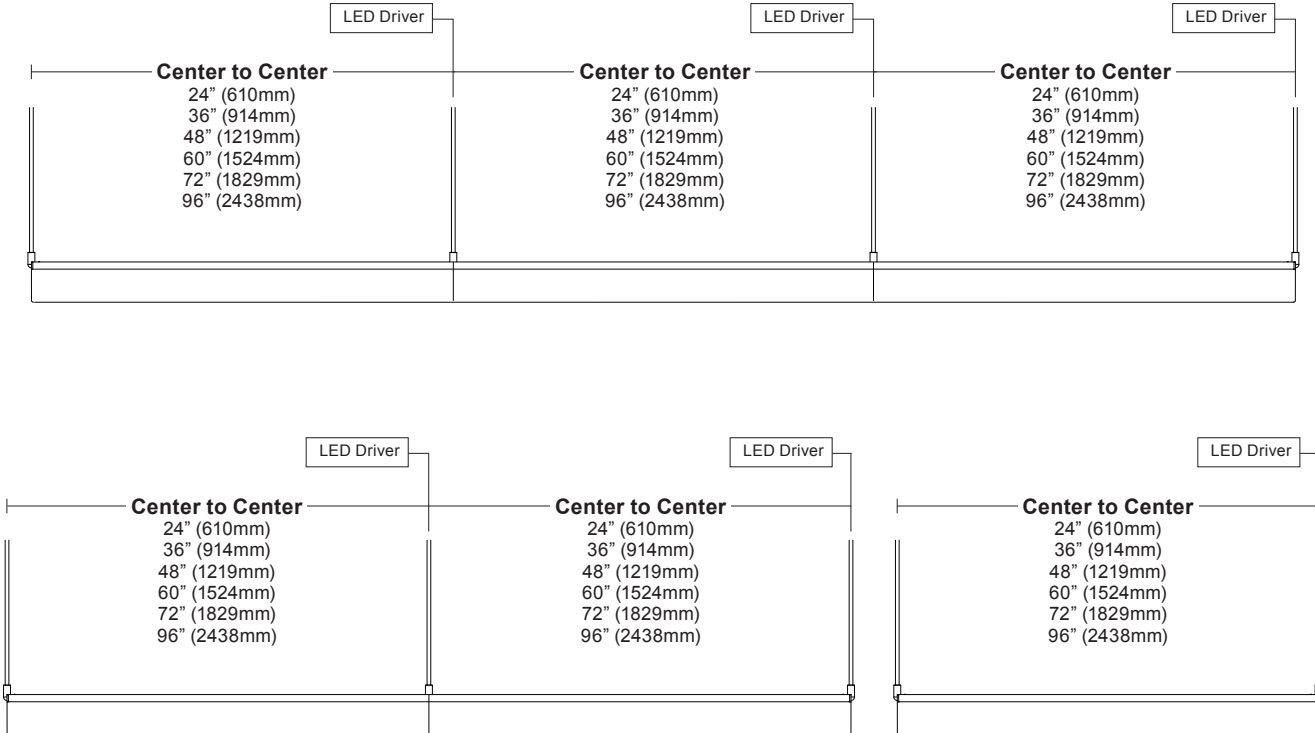


Integral Power (joint)

Dimensions

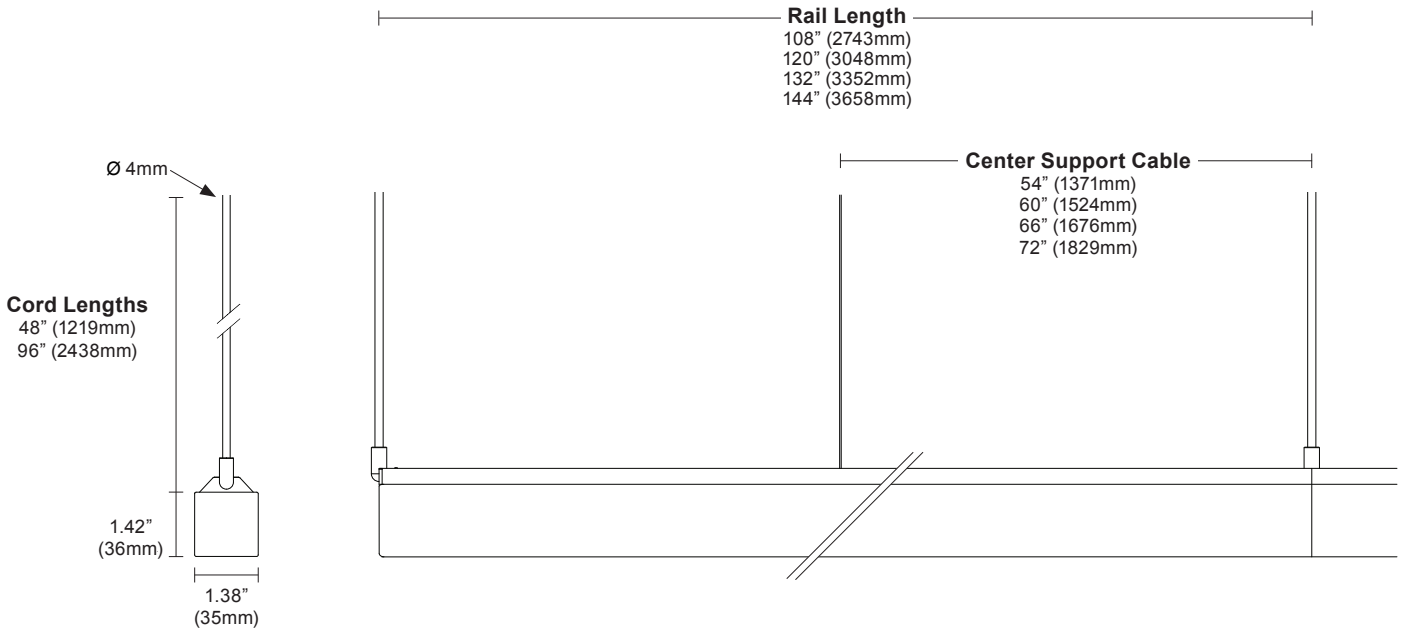


Layout

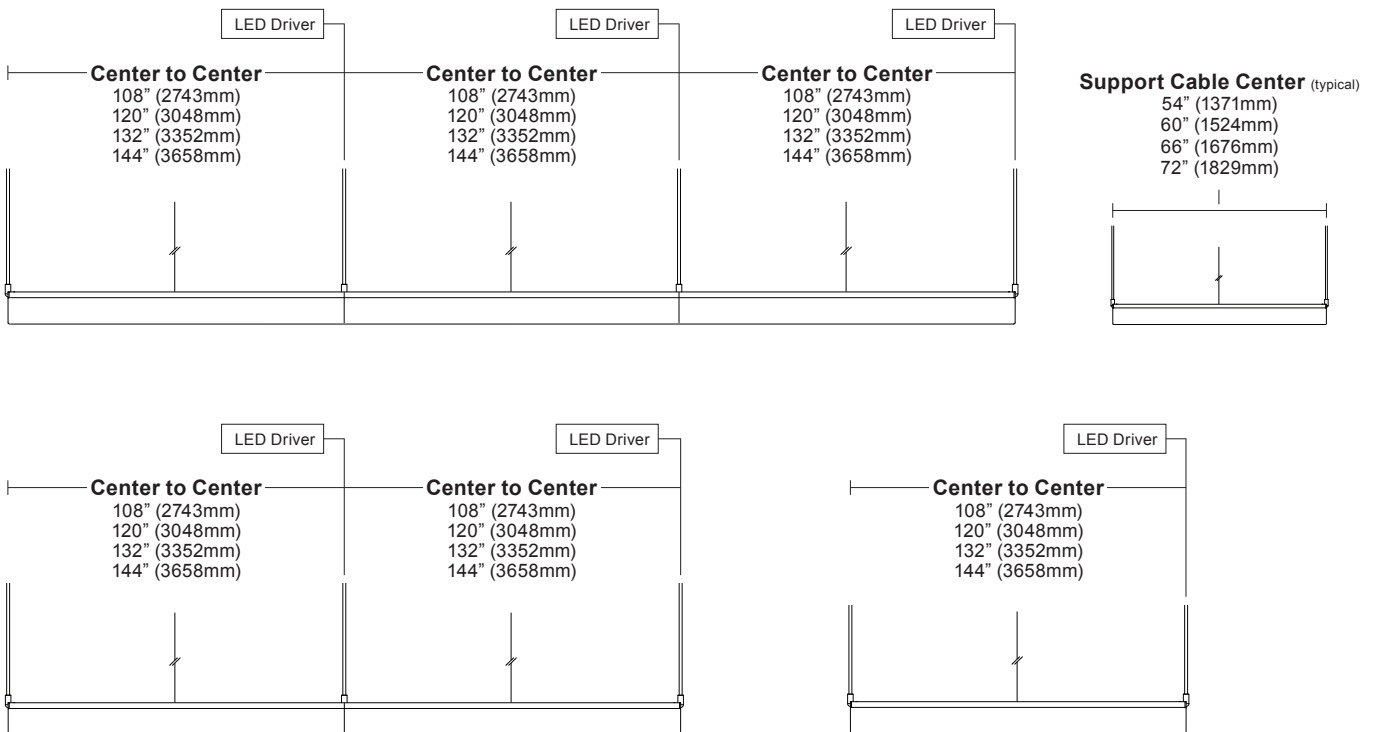


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

Dimensions



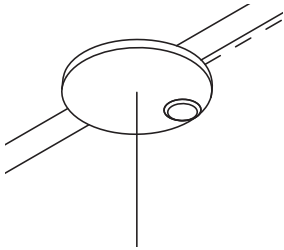
Layout



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

vodeCONNECT Sensors

Canopy with integrated sensor



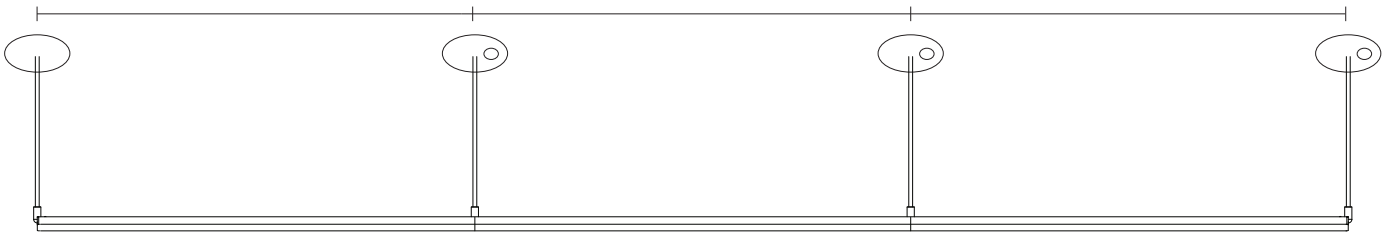
Sensor partners



Integrated canopy sensor layout ¹

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

NOTES: 1. Available with Large Round Canopy only.



Compatible sensors



Lutron Athena



Legrand Wattstopper



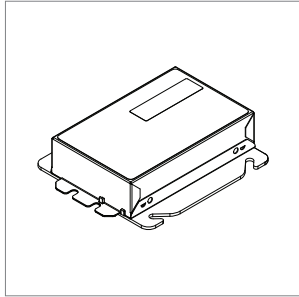
Enlighted Micro Sensor

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 Power Guide 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 Power Guide for details.

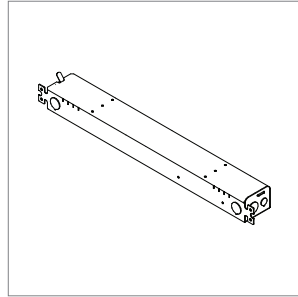
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



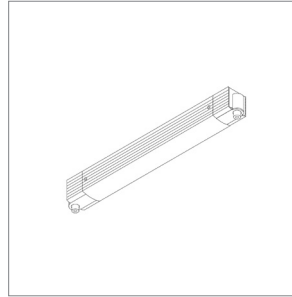
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



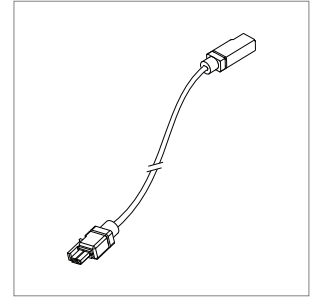
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

Integral Power



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

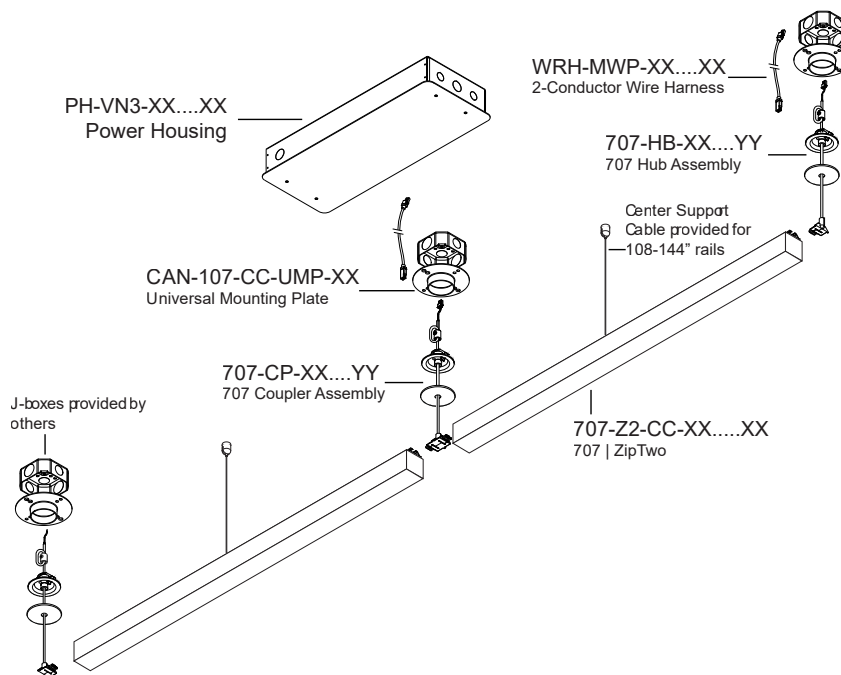


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

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.

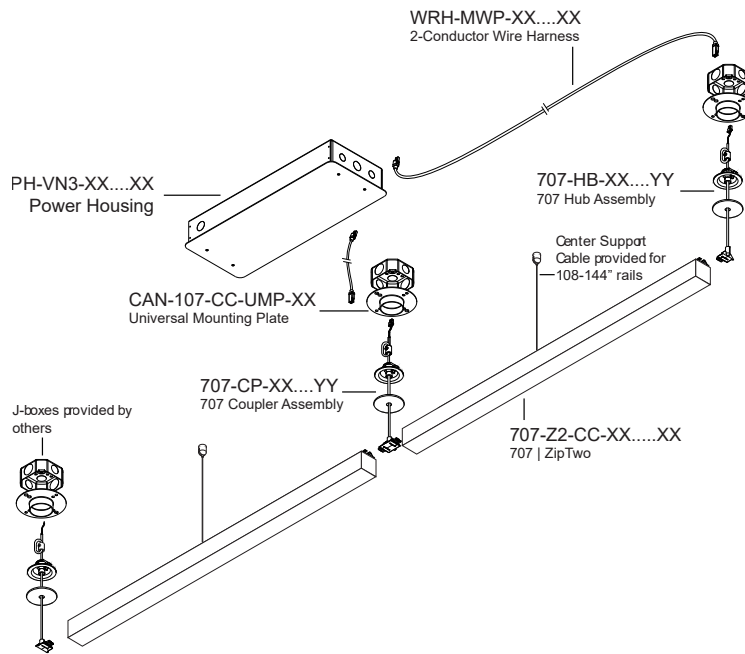


Note: Drawings not to scale, for reference only.

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

Black Finish



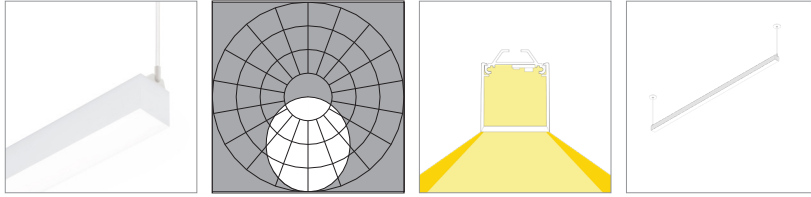
Black Rail, Black Canopy/Integral Power, Black Cable

Note: Drawings not to scale, for reference only.

Performance | Zipper Board Optics

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

Square 3535, Critical Edge (S5)



L90 >100,000 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	66	68	69	69	57	58	60	60
Lumens per foot (305mm)	242	250	255	255	209	215	220	222
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

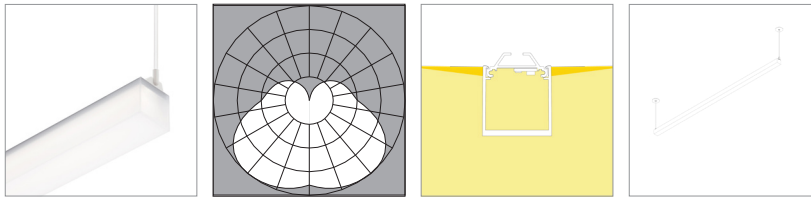
Standard Output (SO)

Efficacy - Lumens per Watt	75	77	79	79	65	67	68	69
Lumens per foot (305mm)	484	500	510	510	418	431	440	444
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	74	76	78	78	64	66	67	68
Lumens per foot (305mm)	726	749	765	765	626	646	659	666
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3535, Diffuse (S6)



L90 >100,000 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	129	133	136	136	112	115	117	119
Lumens per foot (305mm)	480	495	505	505	414	427	436	440
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

Standard Output (SO)

Efficacy - Lumens per Watt	148	152	155	155	127	131	134	135
Lumens per foot (305mm)	960	990	1010	1010	827	854	871	880
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

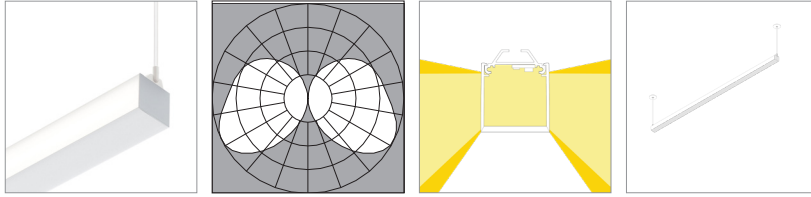
High Output (HO)

Efficacy - Lumens per Watt	146	151	154	154	126	130	133	134
Lumens per foot (305mm)	1440	1485	1516	1516	1241	1280	1307	1320
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

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

Square 3535, Side Diffuse (S9)



L90 >100,000 hours

Low Output (LO)	2700K	80 CRI (80min., 84 avg.)				2700K	90 CRI (90min., 96 avg.)		
		3000K	3500K	4000K	3000K		3500K	4000K	
Efficacy - Lumens per Watt	90	93	95	95	78	80	82	82	
Lumens per foot (305mm)	333	343	350	350	287	296	302	305	
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	

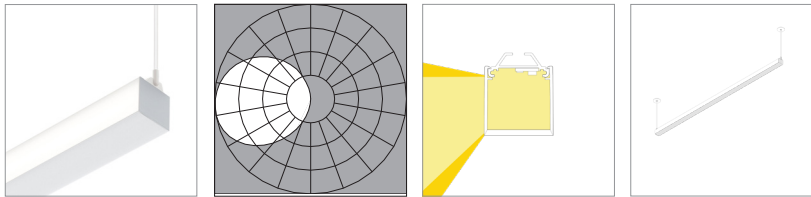
Standard Output (SO)

Efficacy - Lumens per Watt	103	106	108	108	88	91	93	94
Lumens per foot (305mm)	666	687	701	701	574	592	604	610
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	102	105	107	107	88	90	92	93
Lumens per foot (305mm)	999	1030	1051	1051	861	888	906	915
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3535, Single Side Diffuse (SA)



L90 >100,000 hours

Low Output (LO)	2700K	80 CRI (80min., 84 avg.)				2700K	90 CRI (90min., 96 avg.)		
		3000K	3500K	4000K	3000K		3500K	4000K	
Efficacy - Lumens per Watt	82	85	87	87	71	73	75	76	
Lumens per foot (305mm)	305	315	321	321	263	271	277	280	
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	

Standard Output (SO)

Efficacy - Lumens per Watt	94	97	99	99	81	84	85	86
Lumens per foot (305mm)	610	629	642	642	526	542	554	559
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

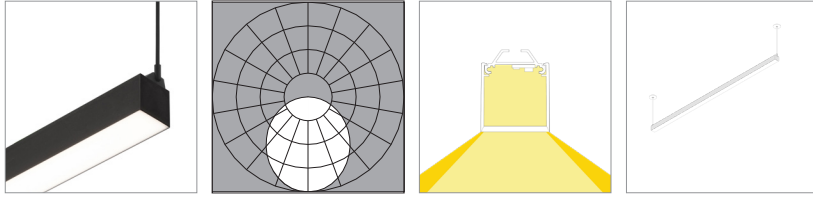
High Output (HO)

Efficacy - Lumens per Watt	93	96	98	98	80	83	84	85
Lumens per foot (305mm)	915	944	963	963	789	814	830	839
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

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

Square 3535, Critical Edge (S5), black finish (S5-BL)



L90 >100,000 hours

	2700K	80 CRI (80min., 84 avg.)				2700K	90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K	3000K		3500K	4000K		
Low Output (LO)										
Efficacy - Lumens per Watt	59	61	62	62	51	53	54	54		
Lumens per foot (305mm)	219	226	231	231	189	195	199	201		
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		

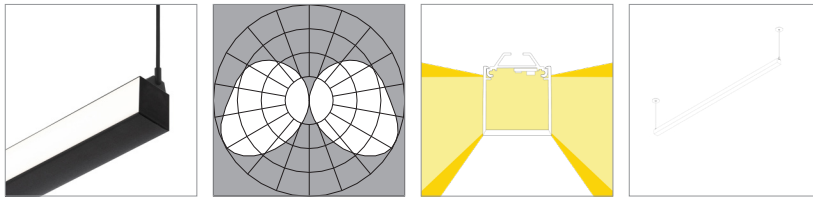
Standard Output (SO)

Efficacy - Lumens per Watt	68	70	71	71	58	60	62	62
Lumens per foot (305mm)	438	452	461	461	378	390	398	402
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	67	69	70	70	58	60	61	61
Lumens per foot (305mm)	657	678	692	692	567	585	597	603
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3535, Side Diffuse (S9), black finish (S9-BL)



L90 >100,000 hours

	2700K	80 CRI (80min., 84 avg.)				2700K	90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K	3000K		3500K	4000K		
Low Output (LO)										
Efficacy - Lumens per Watt	67	69	70	70	58	60	61	61		
Lumens per foot (305mm)	247	255	260	260	213	220	224	226		
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		

Standard Output (SO)

Efficacy - Lumens per Watt	76	79	80	80	66	68	69	70
Lumens per foot (305mm)	494	510	520	520	426	439	448	453
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

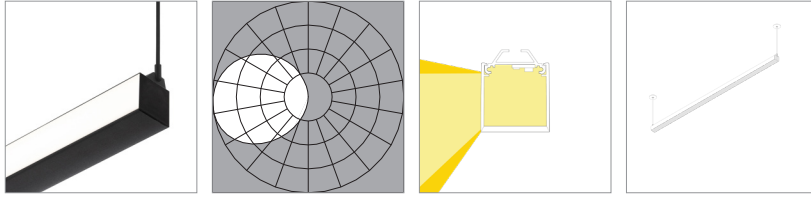
High Output (HO)

Efficacy - Lumens per Watt	75	78	79	79	65	67	69	69
Lumens per foot (305mm)	741	764	780	780	639	659	672	679
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

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

Square 3535, Single Side Diffuse (SA), black finish (SA-BL)



L90 >100,000 hours

Low Output (LO)	2700K	80 CRI (80min., 84 avg.)				2700K	90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K	3000K		3500K	4000K		
Efficacy - Lumens per Watt	67	69	70	70	58	60	61	61		
Lumens per foot (305mm)	248	255	261	261	213	220	225	227		
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8		

Standard Output (SO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Lumens per foot (305mm)	495	511	521	521	427	440	449	454
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

High Output (HO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Lumens per foot (305mm)	743	766	782	782	640	660	674	681
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Copyright © 2024 Vode Lighting LLC. All rights reserved. Vode, the Vode logo, BoxRail, FlyWing, MicroBaffle, Button Board, Zipper Board, Zero Canopy, Zero Block, VodeNODE and other names are either registered trademarks or trademarks of Vode Lighting LLC in the United States and may be registered in other countries. All other trademarks listed herein belong to their respective owners. Due to ongoing innovation, specification details may change without notice.