



Spec Guide

ZipTwo | Square 3570 | Ceiling Cable | 707



Direct lighting for open office and ambient applications.



Square 3570, Diffuse, white

Benefits & Features

Minimal Profile, Robust Design

Square profile. 1.38" (35mm) x 2.83" (72mm).

Superior Light Quality & Performance

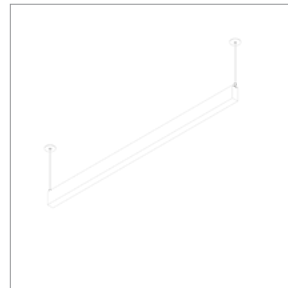
Output up to 2157 lm/ft (7074 lm/m) (HO), 156 lm/W HO. 90 CRI & tunable white (2200K-5000K) available.

Adaptive Power

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	Flexible 1 to 1 Power	1 120V	0 No Emergency Power
IP Integral Power	AE 0-10v, 1.0% Dimming	2 120V - 277V	ZZ Emergency Power (specify requirements)
Remote Power	AT 0-10v, 0.1% Dimming	X Not Yet Specified	
Specify mounting and harness length code example: 2R25 , 2R50 ...etc.	AD DALI, 0.1% Dimming		
Mounting Option	AX DMX, 100-0% Dimming		
2R Small Round Canopy	AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1		
4R Large Round Canopy	AH2 ELV 1% 2-wire (Forward and Reverse Phase) ⁵		
Wire Harness	Optimized Power		
10 10' (3.048m) Wire Harness	Add 'O' to power type example: AEO, ATO...etc. ¹		
25 25' (7.62m) Wire Harness	VodeNODE		
50 50' (15.24m) Wire Harness	Add 'N' to power type for Flexible 1 to 1 Power		
75 75' (22.86m) Wire Harness	Add 'ON' to power type for Optimized Power example: AEN, ATN, AEON, ADON...etc. ²		
100 100' (30.48m) Wire Harness	ZZ Other (please specify)		
	See Power Guide for driver features & limitations.		

LED Type	Lumen Output	Color Temperature	Optics	Sensors ⁴
Z Zipper Board	LO Low Output	90+ CRI	H6 Square 3570, Diffuse ³	0 None
	SO Standard Output	27 2700K	H9 Square 3570, Side Diffuse	ENC Canopy with integrated Enlighted Micro Sensor
	HO High Output	30 3000K	HA Square 3570, Single Side Diffuse	WSC Canopy with integrated Legrand Wattstopper sensor
	ZZ Other (please specify)	35 3500K		LAC Canopy with integrated Lutron Athena sensor
	See IES Files page for details.	40 4000K		ZZ Other (please specify)
	See Power Guide for driver features & limitations.	ZZ Tunable White Available See Guide for details		

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 Square 3570, Diffuse is only available in White Finish (WH).

⁴ 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.

⁵ Lengths of 24" and shorter are not supported due to driver limitations. Daisy chaining multiple fixtures to achieve minimum load is permitted but may introduce installation complexity—consult factory for layout guidance. For general information about network lighting controls, consult the DesignLights Consortium® (DLC) [Networked Lighting Control Qualified Product List](#)

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.

Finish	Options
WH White	0 None
BL Black	9 9' 18/3 Cord and Plug
	LLLC Luminaire Level Lighting Controls
	CPS Chicago Plenum Fixture Adapter & Power
	CPP Chicago Plenum Power
	CPA Chicago Plenum Fixture Adapter

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

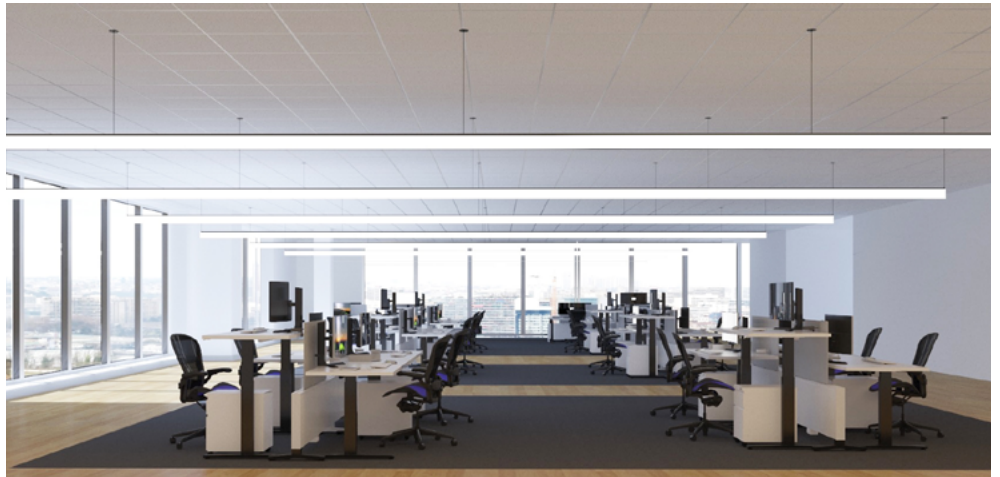


Applications

General Interior and Open Office



Square 3570, Side Diffuse



Square 3570, Side Diffuse

Sustainability & Certifications

DECLARE

International Living Future Institute (ILFI)

Red List
Approved

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



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:

Steel; Anodized Aluminum (6063-T5 Alloy); Small Electrical Component (RoHS); Copper; **Fluorinated Ethylene Propylene (masterbatch)**; 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

Living Building Challenge Criteria: Compliant

I-13 Red List:

- ☐ LBC Red List Free % Disclosed: 100% at 100ppm
☒ LBC Red List Approved VOC Content: Not Applicable
☐ Declared

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

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 INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Click here to learn more: [International Living Future Institute](https://living-future.org/declare)

TM65NA

CIBSE & ASHRAE on Embodied Carbon

Vode recognizes TM65NA as the highest standard for understanding the embodied carbon of our fixtures.

Developed with ASHRAE, it adapts CIBSE's TM65 for North America, ensuring accurate regional assessments. It must be used alongside TM65 and follows TM65LA's framework.

System: 707 | ZipTwo | Ceiling Cable
Embodied Carbon (kg CO₂e): 36.89*

***Note:** Embodied Carbon, expressed in kilograms of CO₂e is calculated using a 48" fixture and includes the LED driver.



Click here to learn more [CIBSE, ASHRAE](#).

BAA X BABA

Buy American Act / Build America & Buy America Act Compliance

Vode is dedicated to supporting domestic manufacturing and ensuring compliance with BAA and BABA requirements.

Given the complexity of our products, we recommend reaching out to vodecares@vode.com for confirmation regarding compliance for your specific project.



Click here to learn more: [US Department of Commerce](#)

Structure

Rail Lengths	24" (610mm) - 144" (3658mm). Modified lengths available. See Rail Length Chart for more details.
Rail Dimensions	1.38" (35mm) x 3.52" (89mm) 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	0.48 lbs per foot (0.22 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

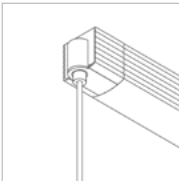


Small Round Canopy
Ø2.5" (51mm)

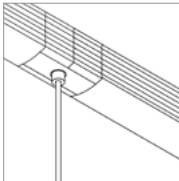


Center Support Cable
108" - 144" Rails Only
Center Support Cable for mounting to T-Bar tile available.

Integral Power (24"-72")

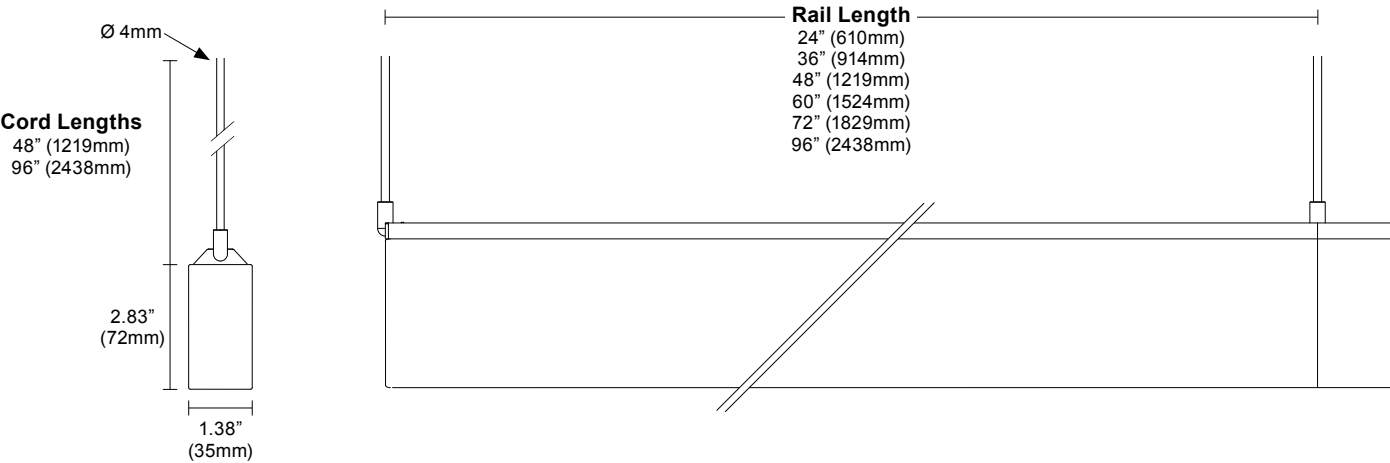


Integral Power (end)
h 1.8" (46mm)
w 1.7" (43mm)

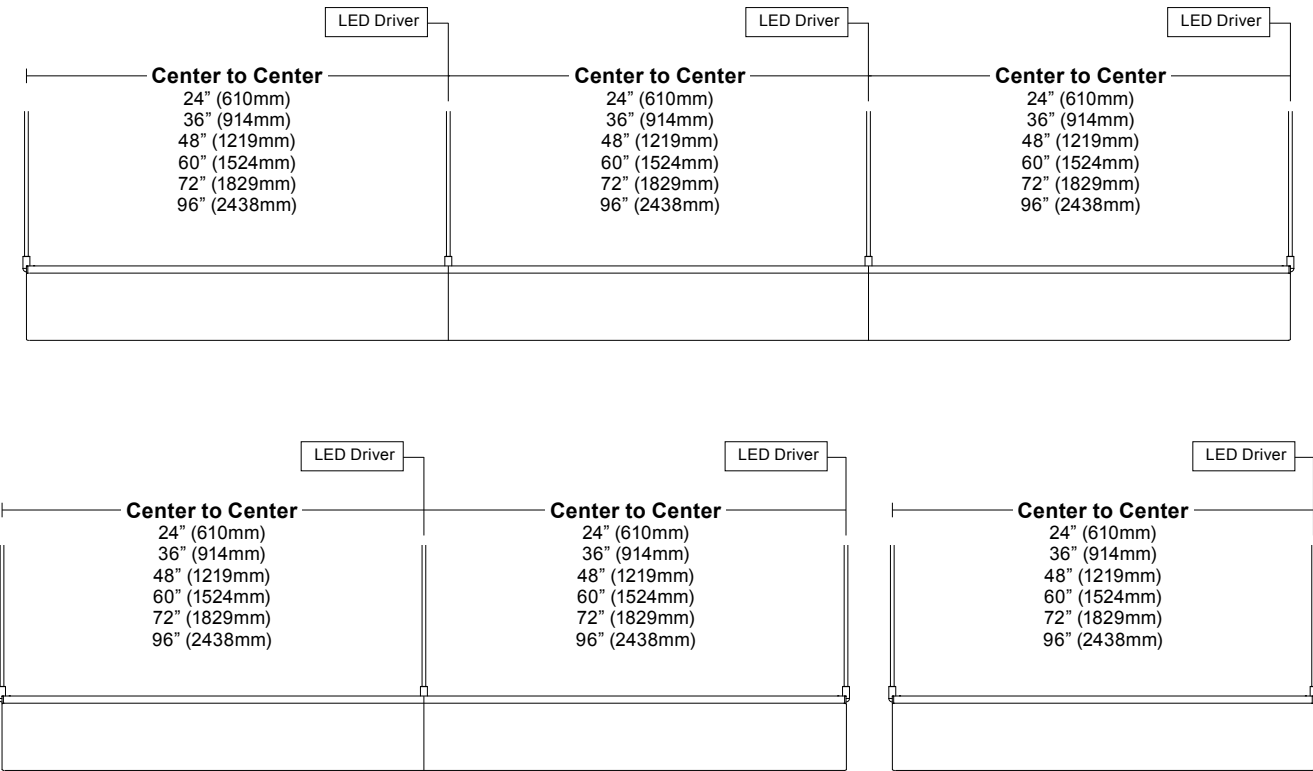


Integral Power (joint)

Dimensions

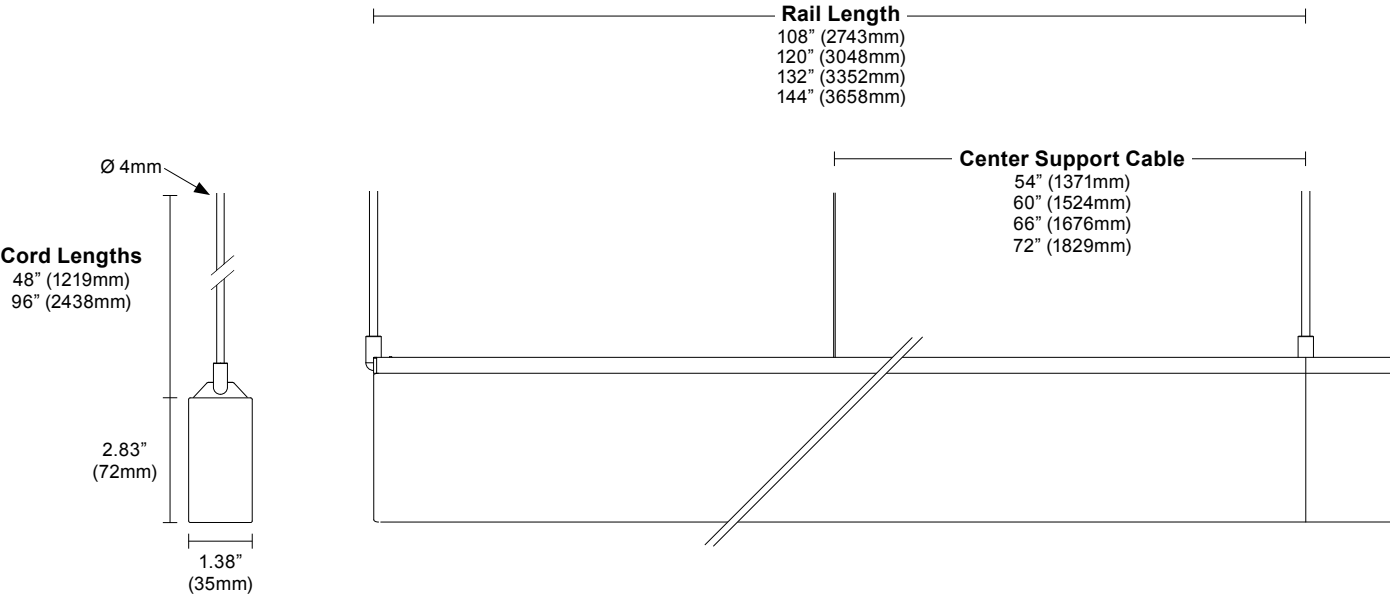


Layout

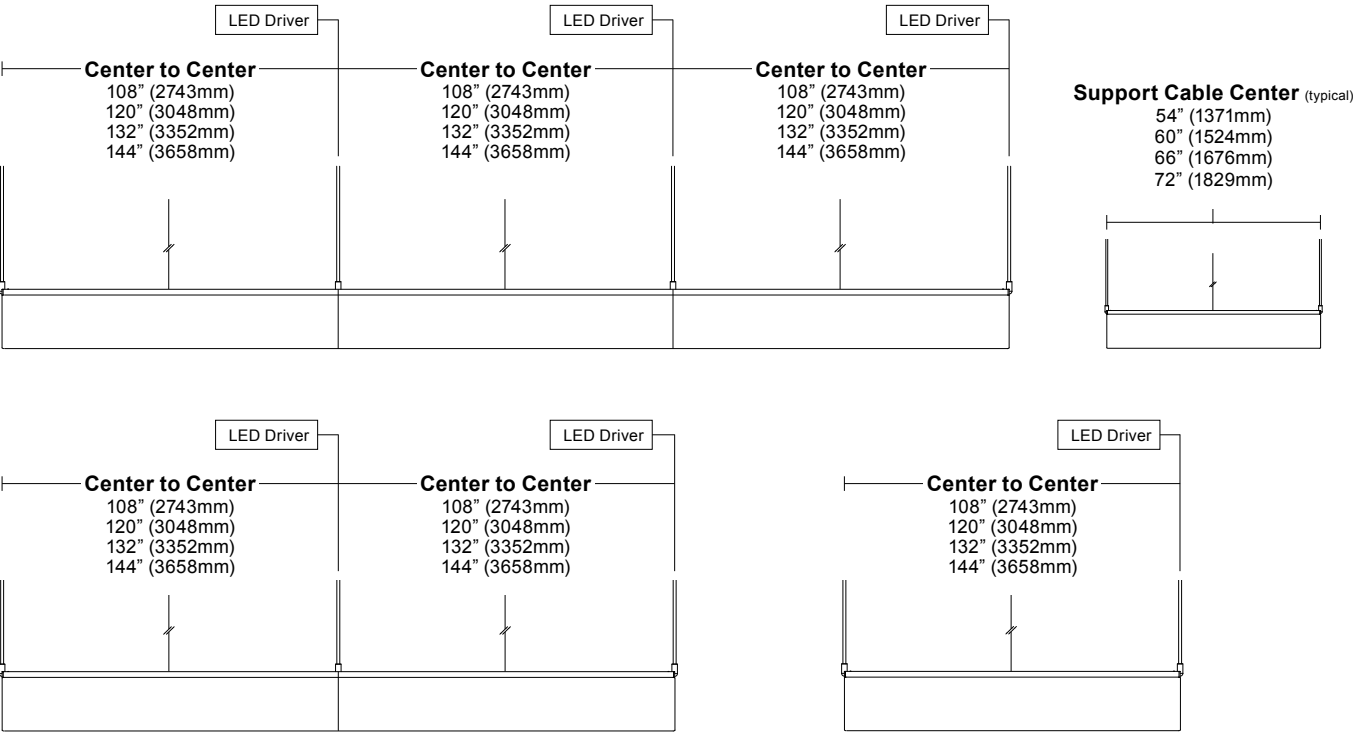


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

Dimensions



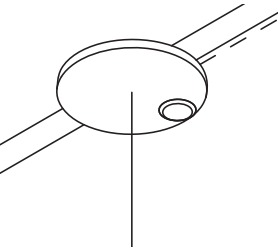
Layout



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

vodeCONNECT Sensors

Canopy with integrated sensor



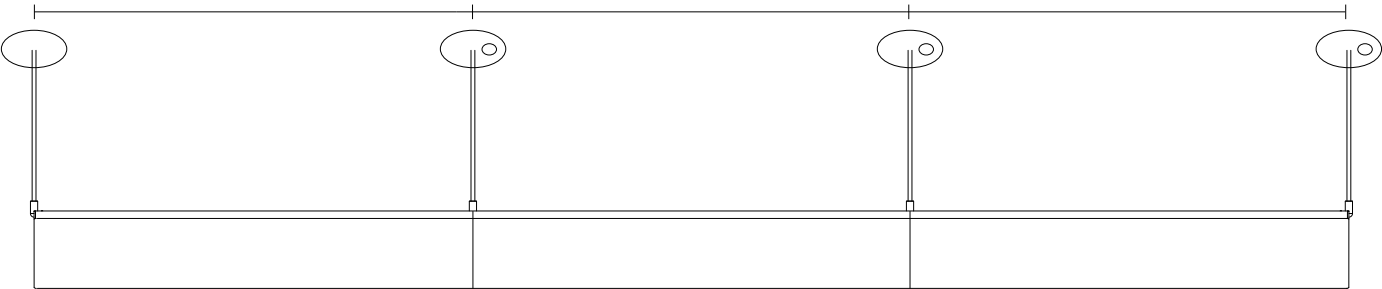
Sensor partners



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



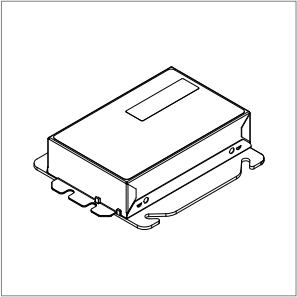
Legrand Wattstopper

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.

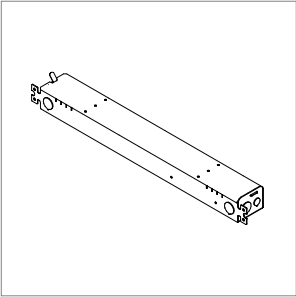
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



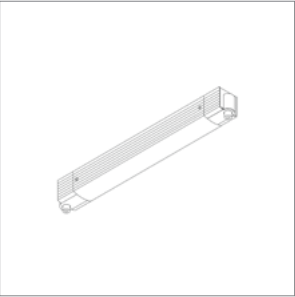
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



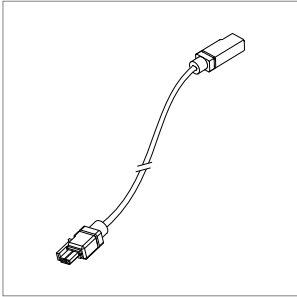
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

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

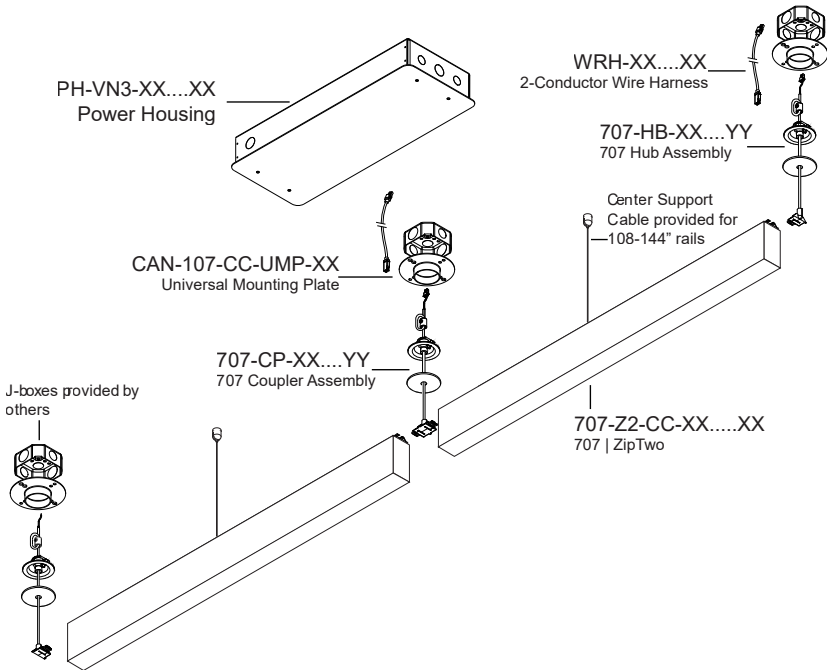


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

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.

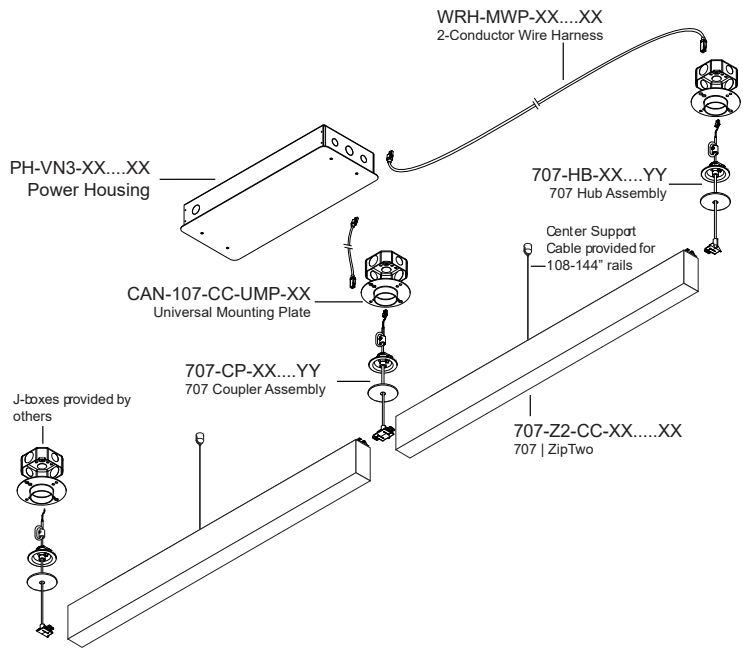


Note: Drawings not to scale, for reference only.

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



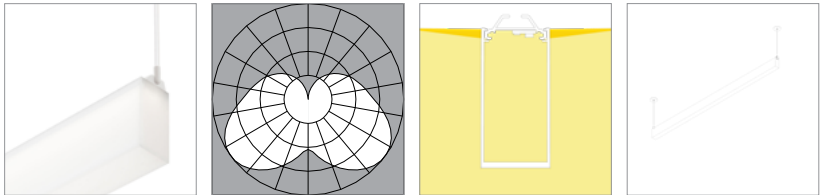
Black Rail, Black Canopy/Integral Power, Black Cable

Note: Drawings not to scale, for reference only.

Performance | Zipper Board Optics

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

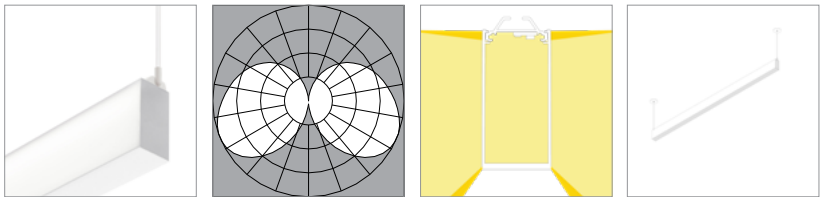
Square 3570, Diffuse, white finish (H6-WH)



L90 >100,000 hours

	90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	113	117	119	121
Lumens per foot (305mm)	421	434	443	447
Watts per foot (305mm)	3.8	3.8	3.8	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	129	133	136	137
Lumens per foot (305mm)	841	868	885	894
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	128	132	135	136
Lumens per foot (305mm)	1262	1301	1328	1341
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Square 3570, Side Diffuse, white finish (H9-WH)



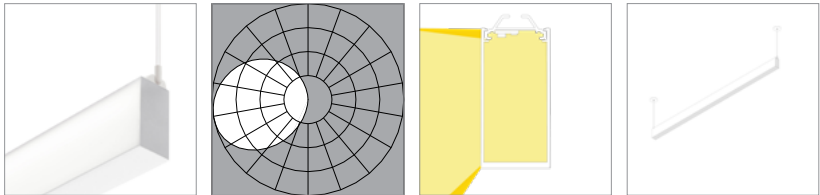
L90 >100,000 hours

	90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	105	109	111	112
Lumens per foot (305mm)	390	402	411	415
Watts per foot (305mm)	3.8	3.8	3.8	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	120	123	126	127
Lumens per foot (305mm)	780	805	821	829
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	119	123	125	126
Lumens per foot (305mm)	1170	1207	1232	1244
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

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

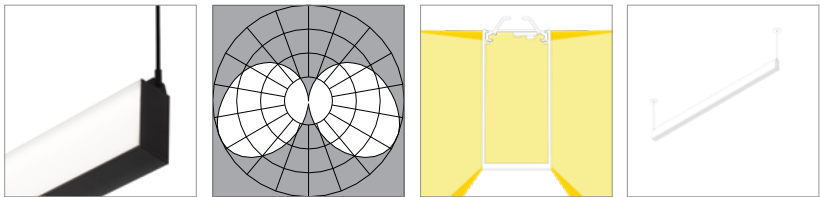
Square 3570, Single Side Diffuse, white finish (HA-WH)



L90 >100,000 hours

	90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	86	89	91	91
Lumens per foot (305mm)	318	329	335	339
Watts per foot (305mm)	3.8	3.8	3.8	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	98	101	103	104
Lumens per foot (305mm)	637	657	670	677
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	97	100	102	103
Lumens per foot (305mm)	955	986	1006	1016
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Square 3570, Side Diffuse, black finish (H9-BL)



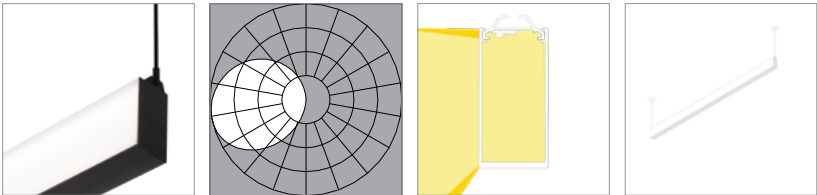
L90 >100,000 hours

	90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	101	104	106	107
Lumens per foot (305mm)	373	385	393	397
Watts per foot (305mm)	3.8	3.8	3.8	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	115	118	121	122
Lumens per foot (305mm)	746	770	786	793
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	114	117	120	121
Lumens per foot (305mm)	1119	1155	1178	1190
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

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

Square 3570, Single Side Diffuse, black finish (HA-BL)



L90 >100,000 hours

	90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	81	83	85	86
Lumens per foot (305mm)	299	308	315	318
Watts per foot (305mm)	3.8	3.8	3.8	3.8
Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	92	95	97	98
Lumens per foot (305mm)	598	617	630	636
Watts per foot (305mm)	6.6	6.6	6.6	6.6
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	91	94	96	97
Lumens per foot (305mm)	897	925	944	954
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Patent Marking

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