



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

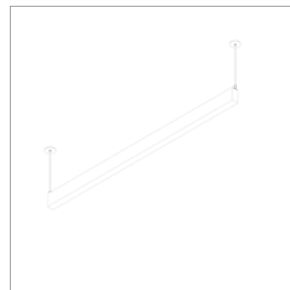
Output up to 2157 lm/ft (7074 lm/m) (HO), 156 lm/W HO. 90 CRI & tunable white (2200K-5000K) available.

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) | CC Ceiling Cable | 48 48" cord (1219mm) 96 96" cord (2438mm) ZZ 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.

| | | | |
|---|--|--|---|
| » | | | » |
|---|--|--|---|

| 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, LDE1 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) See Power Guide for driver features & limitations. | 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 ⁴ |
|----------------|---|--|--|---|
| Z Zipper Board | LO Low Output SO Standard Output HO High Output ZZ Other (please specify) See IES Files page for details. See Power Guide for driver features & limitations. | 90+ CRI 27 2700K 30 3000K 35 3500K 40 4000K ZZ Tunable White Available See Guide for details | H6 Square 3570, Diffuse ³ H9 Square 3570, Side Diffuse HA Square 3570, 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 |

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

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.

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.

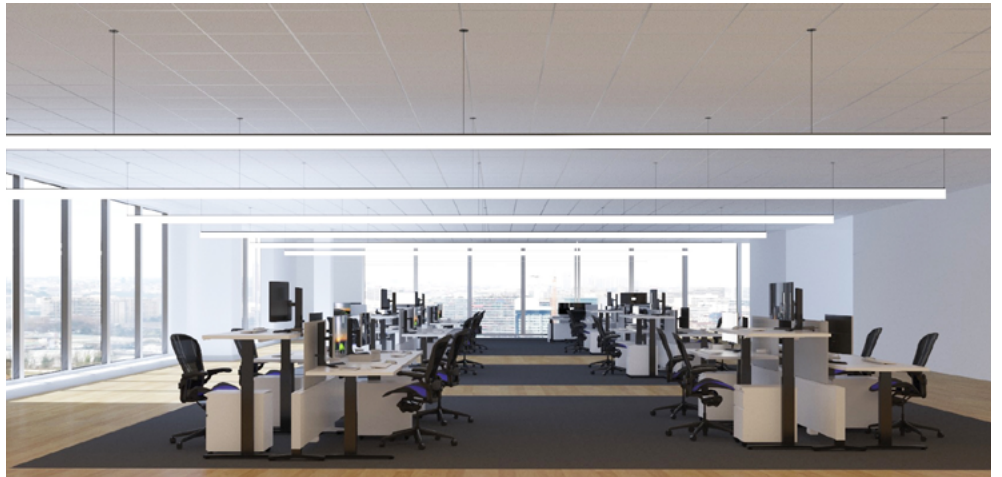


Applications

General Interior and Open Office



Square 3570, Side Diffuse




Square 3570, Side 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) website for details.



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



Structure

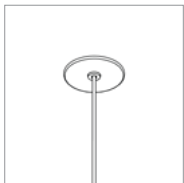
| | |
|-----------------------|--|
| Rail Lengths | 24" (610mm) - 144" (3658mm). Modified lengths available. See Rail Length Chart for more details. |
| Rail Dimensions | 1.38" (35mm) x 3.52" (89mm) x length. |
| Construction | Extruded and machined 6063 aluminum. |
| Mounting | Ceiling mount to jbox 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

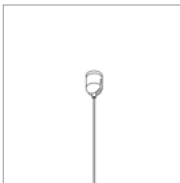
| | |
|-----------------------------|--|
| LED Board Construction | Aluminum core PCB, black LCP connectors, RoHS compliant. |
| Lens | High-impact extruded acrylic glass (PMMA). |
| Suspension Cable | Ø4mm, 22/4 AWG, TPE jacket, FEP-insulated, Red List Approved. |
| Power Cable | Ø3mm, 33/2 AWG, Plenum (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

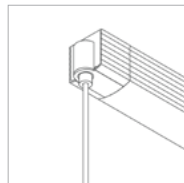


Small Round Canopy
Ø2.5" (51mm)

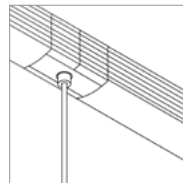


Center Support Cable
108" - 144" Rails Only
Center Support Cable for mounting to T-Bar tile available.

Integral Power (24"-72")

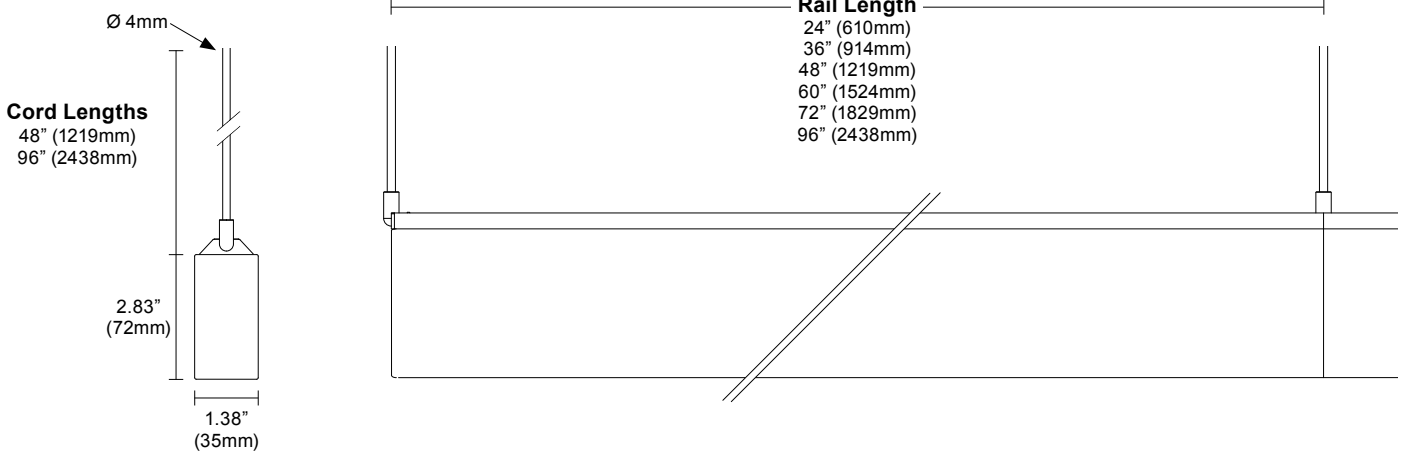


Integral Power (end)
h 1.8" (46mm)
w 1.7" (43mm)

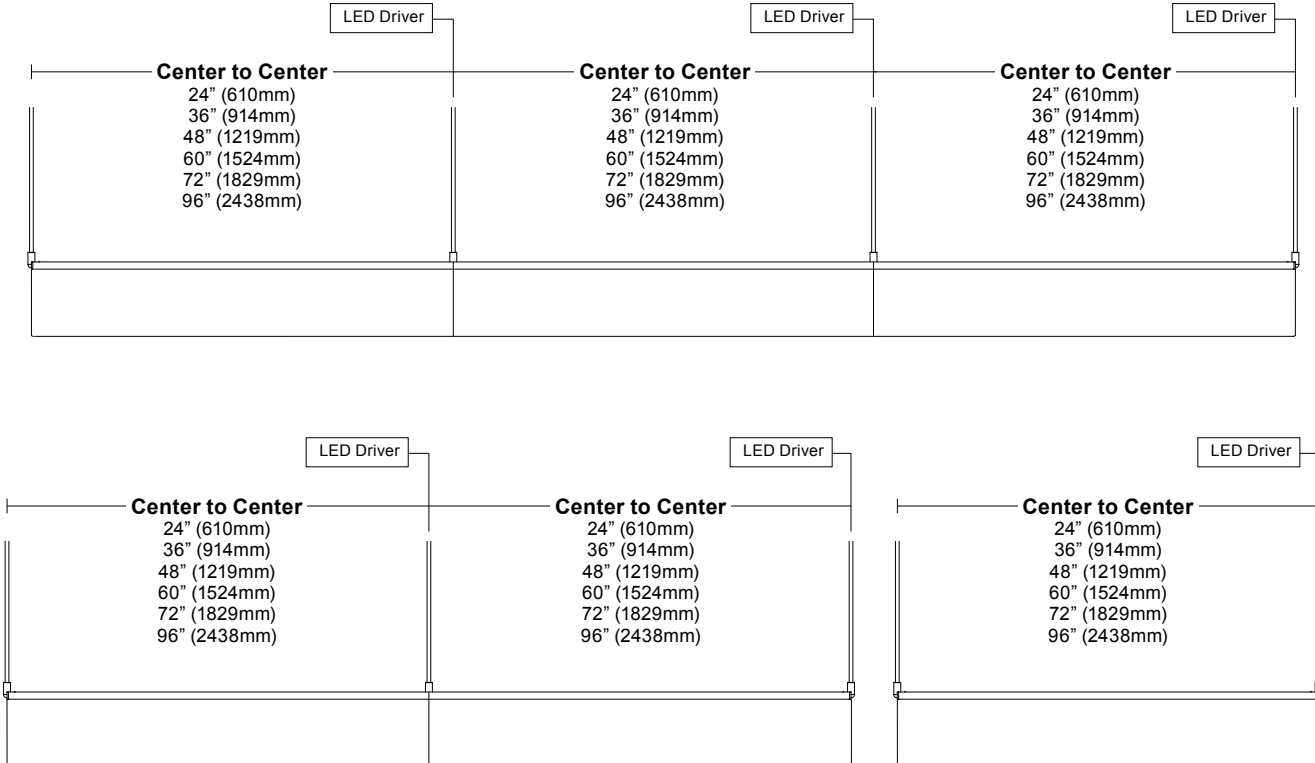


Integral Power (joint)

Dimensions

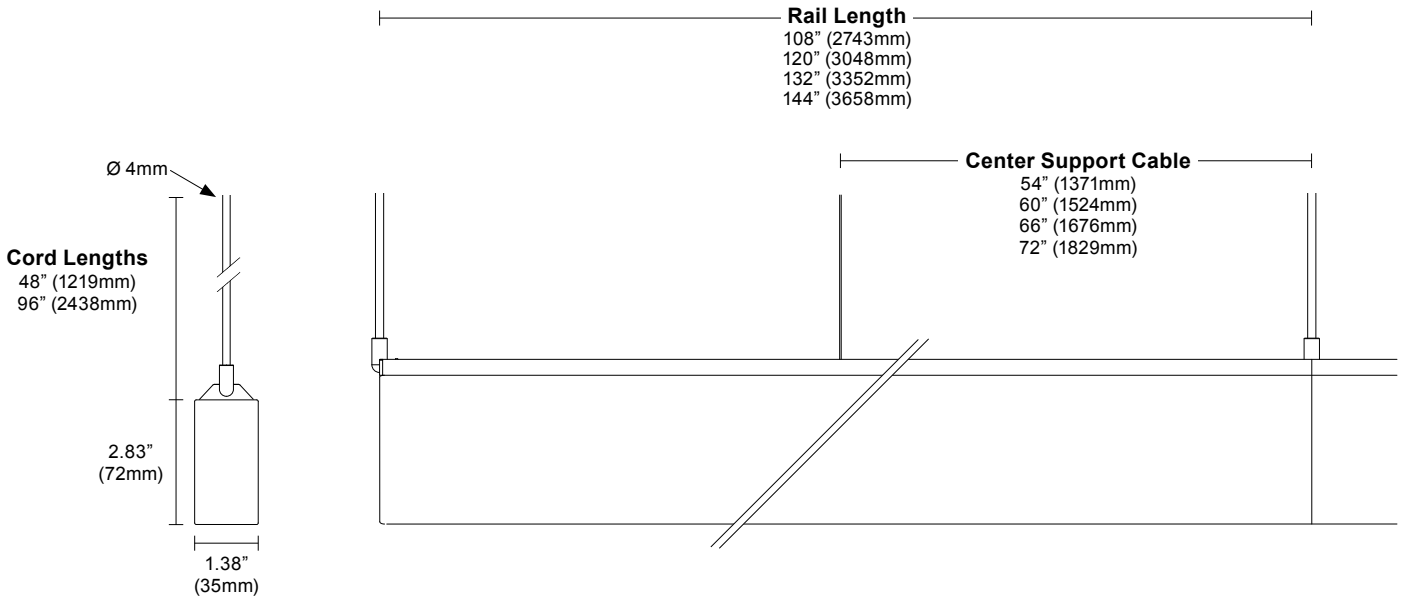


Layout

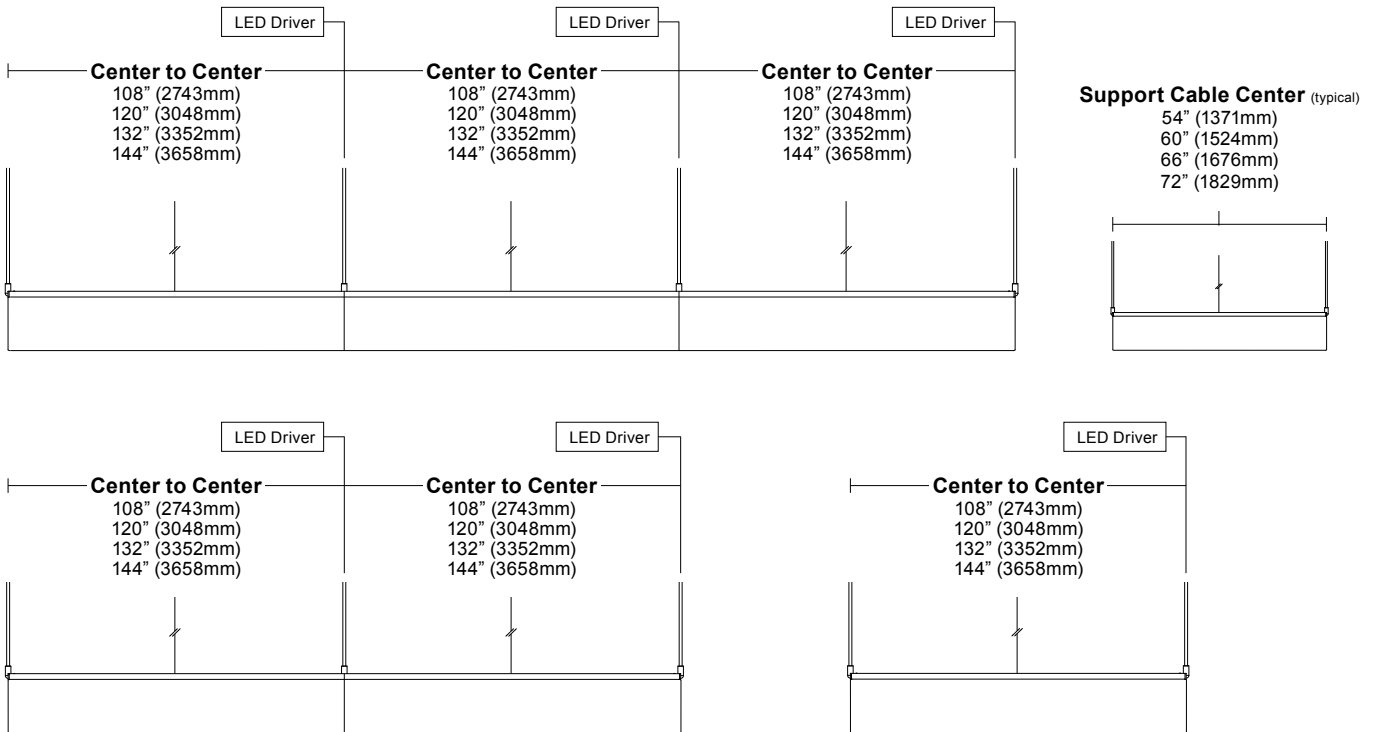


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

Dimensions



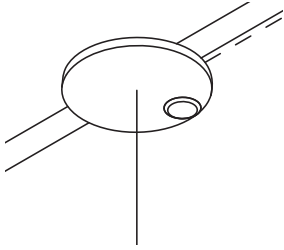
Layout



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

vodeCONNECT Sensors

Canopy with integrated sensor



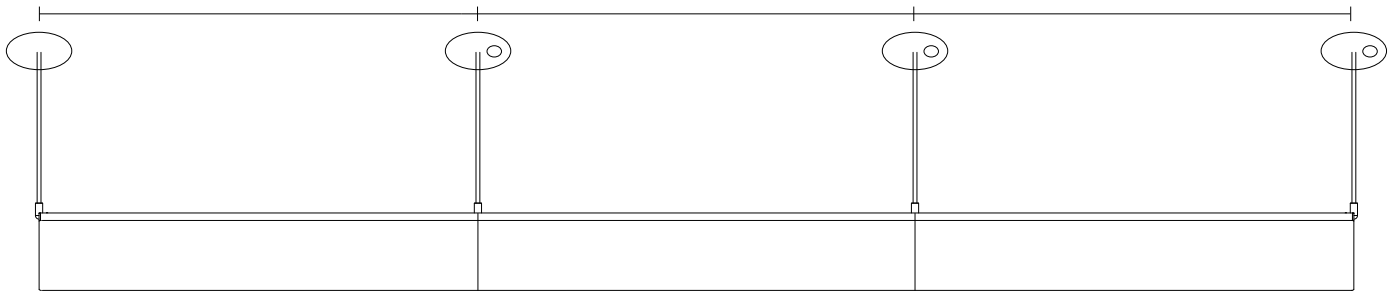
Sensor partners



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



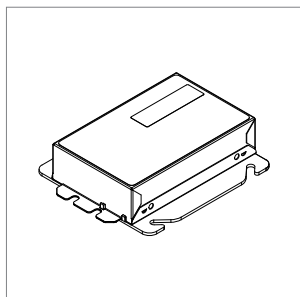
Enlighted Micro Sensor

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. |

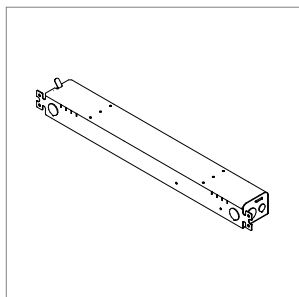
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



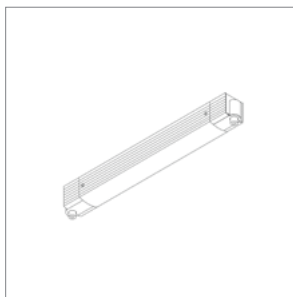
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



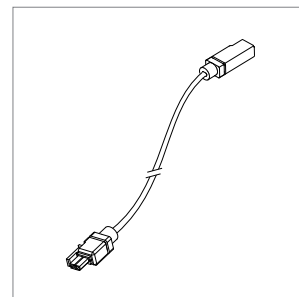
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

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

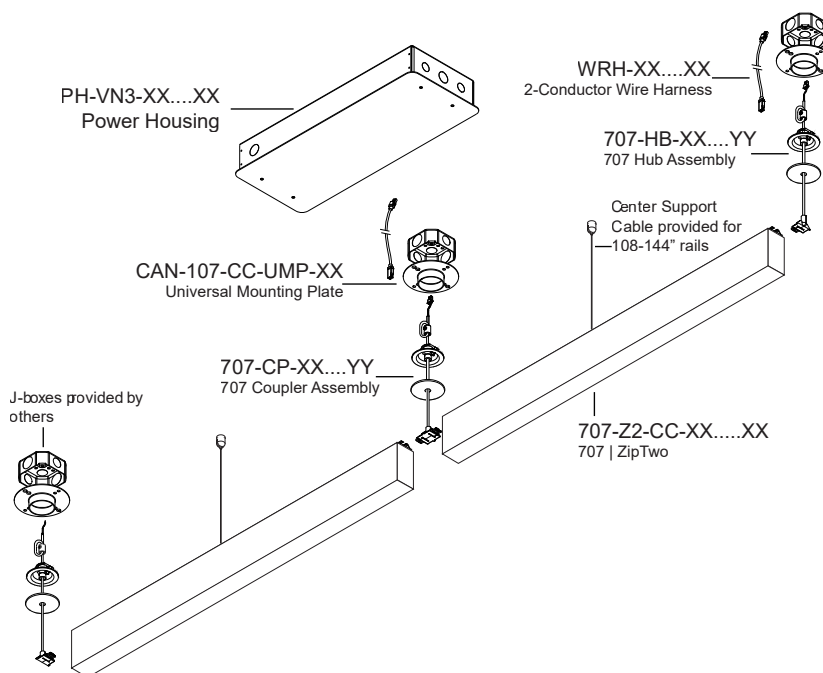


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

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.

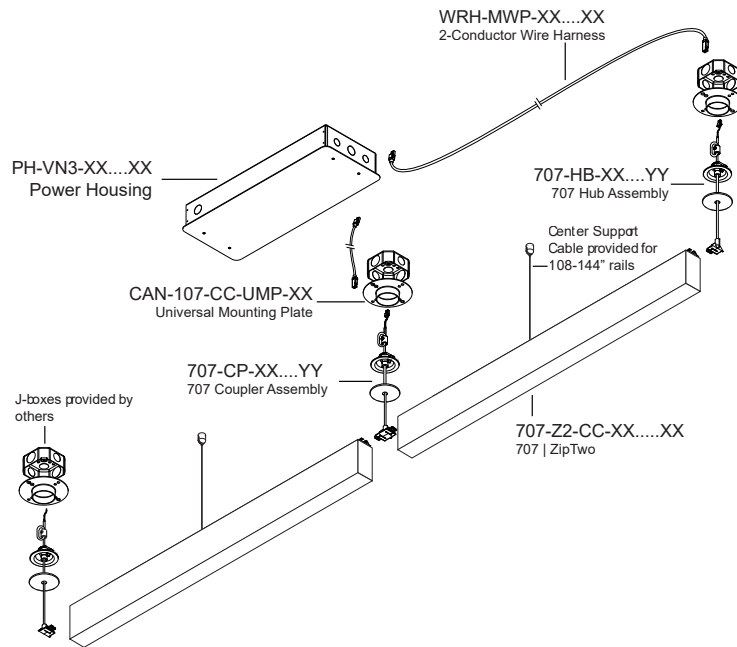


Note: Drawings not to scale, for reference only.

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



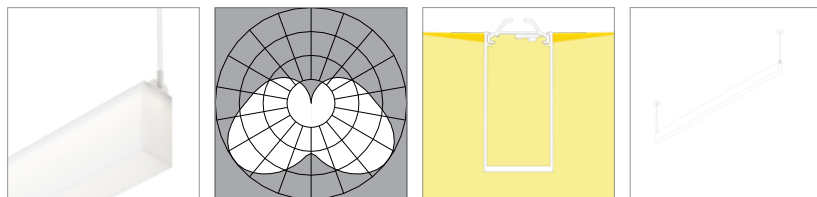
Black Rail, Black Canopy/Integral Power, Black Cable

Note: Drawings not to scale, for reference only.

Performance | Zipper Board Optics

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

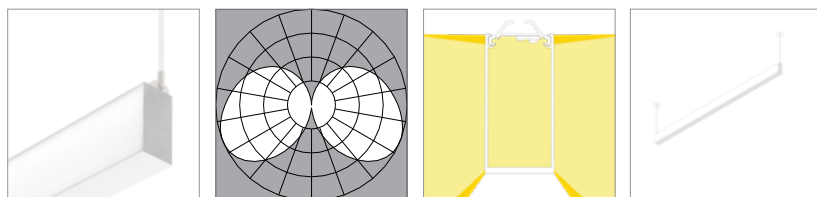
Square 3570, Diffuse, white finish (H6-WH)



L90 >100,000 hours

| | 80 CRI (80min., 84 avg.) | | | | 90 CRI (90min., 96 avg.) | | | |
|-----------------------------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 2700K | 3000K | 3500K | 4000K |
| Low Output (LO) | | | | | | | | |
| Efficacy - Lumens per Watt | 184 | 190 | 194 | 194 | 159 | 164 | 167 | 169 |
| Lumens per foot (305mm) | 683 | 705 | 719 | 719 | 589 | 607 | 620 | 626 |
| 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 | 210 | 216 | 221 | 221 | 180 | 186 | 190 | 192 |
| Lumens per foot (305mm) | 1366 | 1409 | 1438 | 1438 | 1178 | 1215 | 1240 | 1252 |
| 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 | 208 | 214 | 219 | 219 | 179 | 185 | 189 | 190 |
| Lumens per foot (305mm) | 2049 | 2114 | 2157 | 2157 | 1766 | 1822 | 1859 | 1878 |
| Watts per foot (305mm) | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |

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



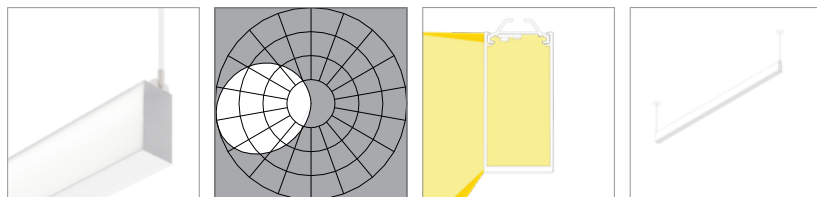
L90 >100,000 hours

| | 80 CRI (80min., 84 avg.) | | | | 90 CRI (90min., 96 avg.) | | | |
|-----------------------------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 2700K | 3000K | 3500K | 4000K |
| Low Output (LO) | | | | | | | | |
| Efficacy - Lumens per Watt | 125 | 129 | 132 | 132 | 108 | 111 | 114 | 115 |
| Lumens per foot (305mm) | 465 | 479 | 489 | 489 | 401 | 413 | 422 | 426 |
| 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 | 143 | 147 | 150 | 150 | 123 | 127 | 129 | 131 |
| Lumens per foot (305mm) | 929 | 959 | 978 | 978 | 801 | 826 | 843 | 852 |
| 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 | 141 | 146 | 149 | 149 | 122 | 126 | 128 | 130 |
| Lumens per foot (305mm) | 1394 | 1438 | 1467 | 1467 | 1202 | 1240 | 1265 | 1278 |
| 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).

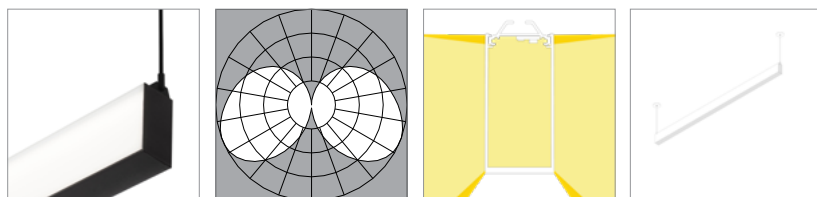
Square 3570, Single Side Diffuse, white finish (HA-WH)



L90 >100,000 hours

| | 80 CRI (80min., 84 avg.) | | | | 90 CRI (90min., 96 avg.) | | | |
|-----------------------------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 2700K | 3000K | 3500K | 4000K |
| Low Output (LO) | | | | | | | | |
| Efficacy - Lumens per Watt | 103 | 106 | 108 | 108 | 88 | 91 | 93 | 94 |
| Lumens per foot (305mm) | 380 | 392 | 400 | 400 | 327 | 338 | 345 | 348 |
| 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 | 117 | 121 | 123 | 123 | 101 | 104 | 106 | 107 |
| Lumens per foot (305mm) | 760 | 784 | 800 | 800 | 655 | 675 | 689 | 696 |
| 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 | 116 | 119 | 122 | 122 | 100 | 103 | 105 | 106 |
| Lumens per foot (305mm) | 1139 | 1175 | 1199 | 1199 | 982 | 1013 | 1034 | 1044 |
| Watts per foot (305mm) | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |

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



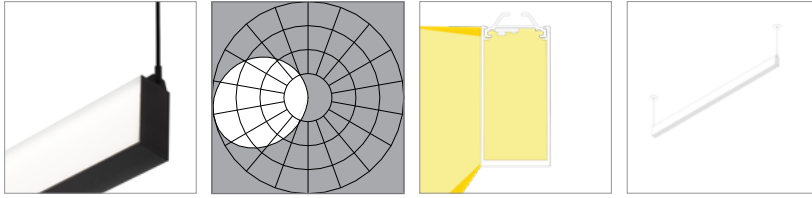
L90 >100,000 hours

| | 80 CRI (80min., 84 avg.) | | | | 90 CRI (90min., 96 avg.) | | | |
|-----------------------------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 2700K | 3000K | 3500K | 4000K |
| Low Output (LO) | | | | | | | | |
| Efficacy - Lumens per Watt | 109 | 112 | 114 | 114 | 94 | 97 | 99 | 100 |
| Lumens per foot (305mm) | 402 | 415 | 424 | 424 | 347 | 358 | 365 | 369 |
| 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 | 124 | 128 | 130 | 130 | 106 | 110 | 112 | 113 |
| Lumens per foot (305mm) | 805 | 830 | 847 | 847 | 694 | 716 | 730 | 738 |
| 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 | 123 | 126 | 129 | 129 | 106 | 109 | 111 | 112 |
| Lumens per foot (305mm) | 1207 | 1245 | 1271 | 1271 | 1041 | 1073 | 1095 | 1106 |
| 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 3570, Single Side Diffuse, black finish (HA-BL)



L90 >100,000 hours

| | 80 CRI (80min., 84 avg.) | | | | 90 CRI (90min., 96 avg.) | | | |
|-----------------------------|--------------------------|-------|-------|-------|--------------------------|-------|-------|-------|
| | 2700K | 3000K | 3500K | 4000K | 2700K | 3000K | 3500K | 4000K |
| Low Output (LO) | | | | | | | | |
| 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 | 83 | 85 | 86 |
| Lumens per foot (305mm) | 610 | 630 | 642 | 642 | 526 | 543 | 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 | 85 | 85 |
| Lumens per foot (305mm) | 915 | 944 | 964 | 964 | 789 | 814 | 831 | 839 |
| Watts per foot (305mm) | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 | 9.9 |

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