



## Spec Guide

## ZipTwo | Square 3535 | 707



Direct lighting for open office and ambient applications.



Square 3535, Critical Edge, white

## Benefits &amp; Features

## Low Profile Design

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

## Superior Light Quality &amp; Performance

Output up to 1316 lm/ft (HO), 135 lm/W (HO). 90 static, 90 CRI RGBW, & 90 CRI tunable white 2200K - 5000K. Custom ranges available upon request.

## Versatile Mounting, Easy Installation

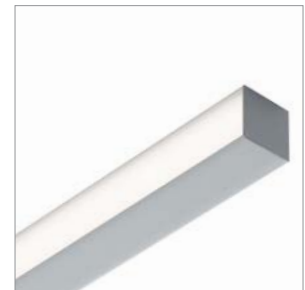
Magnet with tape-on metal strip or low profile clip allow for mounting to almost any surface or T-Bar ceiling.

## Extensive Optics

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



Square 3535, Diffuse, white



Square 3535, Side Diffuse, white

## Build Your Specification

|        |  |    |  |  |  |   |  |
|--------|--|----|--|--|--|---|--|
| 707-Z2 |  | SL |  |  |  | 0 |  |
|--------|--|----|--|--|--|---|--|

| System & Rail Type | System Type        | System Length                                                                                                                    | Rail Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Mounting                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Arm/Cord Length |
|--------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 707-Z2 ZipTwo      | SL Standard Linear | Specify overall system length in ft/in or M/mm.<br><br><i>Corner and Shapes Available <a href="#">See Guide</a> for details.</i> | <b>24</b> 24" (610mm)<br><b>36</b> 36" (914mm)<br><b>48</b> 48" (1219mm)<br><b>60</b> 60" (1524mm)<br><b>72</b> 72" (1829mm)<br><b>96</b> 96" (2438mm)<br><b>108</b> 108" (2743mm)<br><b>120</b> 120" (3048mm)<br><b>132</b> 132" (3352mm)<br><b>144</b> 144" (3658mm)<br><b>ZZ</b> Other rail length or layout (please specify)<br><br><i>See <a href="#">Rail Length Chart</a> for more details.</i><br><b>▲ Custom lengths may result in light gaps on the fixture. See <a href="#">Rail Length Chart</a> for more details.</b> | <b>C</b> Clip<br><b>CM</b> Clip with Micro J-Box <sup>1</sup><br><b>T</b> Magnet with Tape-On Metal Strip <sup>2</sup><br><b>T1</b> 9/16" T-Bar Clip, low profile<br><b>T2</b> 15/16" T-Bar Clip, low profile<br><b>T3</b> 15/16" T-Bar Clip, medium profile<br><b>T4</b> 15/16" T-Bar Clip, concealed<br><b>T5</b> 9/16" T-Bar Clip, medium profile<br><b>T6</b> Slotted T-Bar Clip<br><b>T7</b> Dimensional T-Bar Clip<br><br><b>Wood Ceiling</b><br><b>G1</b> Grille Tegular Vertical Slats 9/16"<br><b>G2</b> Grille Tegular Vertical Slats 15/16"<br><b>G3</b> Grille Tegular Horizontal Slats<br><b>G4</b> Grille 1-3/8" Slat<br><b>G5</b> Grille 2-1/4" Slat Height<br><b>G6</b> Grille 3-1/4" Slat Height<br><br><b>Armstrong Ceilings</b><br>Add an 'A' to the end of the mounting spec code<br>Examples: G1A, G6A, T1A<br><br><b>SC</b> Strut Channel Clip <sup>1</sup><br><b>DM</b> Armstrong DynaMax<br><b>CC</b> Ceiling Cable<br><b>ZZ</b> Other (please specify) | <b>0</b> None   |

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| Power Location                                                                                                                                                                                             | Power Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Voltage                                                           | Emergency Power                                                                           | LED Type              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------|
| Remote Power                                                                                                                                                                                               | Flexible 1 to 1 Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                   |                                                                                           |                       |
| <b>RP10</b> 10' (3.048m) Wire Harness<br><b>RP25</b> 25' (7.62m) Wire Harness<br><b>RP50</b> 50' (15.24m) Wire Harness<br><b>RP75</b> 75' (22.86m) Wire Harness<br><b>RP100</b> 100' (30.48m) Wire Harness | <b>AE</b> 0-10v, 1.0% Dimming<br><b>AT</b> 0-10v, 0.1% Dimming<br><b>AD</b> DALI, 0.1% Dimming<br><b>AX</b> DMX, 100-0% Dimming<br><b>AH</b> Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE <sup>1</sup><br><b>AH2</b> ELV 1% 2-wire (Forward and Reverse Phase) <sup>6</sup><br><b>Optimized Power</b><br>Add 'O' to power type<br>example: AEO, ATO...etc. <sup>3</sup><br><b>VodeNODE</b><br>Add 'N' to power type for Flexible 1 to 1 Power<br>Add 'ON' to power type for Optimized Power<br>example: AEN, ATN, AEON, ADON...etc. <sup>4</sup><br><b>ZZ</b> Other (please specify)<br><i>See <a href="#">Power Guide</a> for driver features &amp; limitations.</i> | <b>1</b> 120v<br><b>2</b> 120v-277v<br><b>X</b> Not Yet Specified | <b>0</b> No Emergency Power<br><b>ZZ</b> Emergency Power<br><i>(specify requirements)</i> | <b>Z</b> Zipper Board |

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| Lumen Output                                                                                                                                                                                                                                                  | Color Temperature                                                                                                                                                                                                                                                                                                                               | Optics                                                                                                                                                      | Sensors (Inetgrated with Luminaire)                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LO</b> Low Output<br><b>SO</b> Standard Output<br><b>HO</b> High Output<br><b>ZZ</b> Other (please specify)<br><br><i>See <a href="#">IES Files</a> page for details.</i><br><i>See <a href="#">Power Guide</a> for driver features &amp; limitations.</i> | <b>90+ CRI</b><br><b>27</b> 2700K<br><b>30</b> 3000K<br><b>35</b> 3500K<br><b>40</b> 4000K<br><br><b>RGBW 90+ CRI</b><br><b>C279</b> RGB Color, 2700K<br><b>C309</b> RGB Color, 3000K<br><b>C359</b> RGB Color, 3500K<br><b>C409</b> RGB Color, 4000K<br><br><b>ZZ</b> Tunable White Available<br><i>See <a href="#">Guide</a> for details.</i> | <b>S5</b> Square 3535, Critical Edge<br><b>S6</b> Square 3535, Diffuse<br><b>S9</b> Square 3535, Side Diffuse<br><b>SA</b> Square 3535, Single Side Diffuse | <b>0</b> None<br><b>NLI</b> nLight Air sensor<br><b>NWI</b> nLight Wired sensor<br><b>LAI</b> Lutron Athena sensor<br><b>LVI</b> Lutron Vive sensor<br><br><b>WSI</b> Wattstopper sensor<br><b>ECI</b> Encelium SensiLUM sensor<br><b>ZZ</b> Other (please specify) <sup>5</sup> |

**NOTES & LIMITATIONS**

<sup>1</sup> Mounting type available with Chicago Plenum.

<sup>2</sup> Custom modification available for Chicago Plenum. Contact factory.

<sup>3</sup> Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type.

<sup>4</sup> VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type.

<sup>5</sup> Sensors are available please contact Vode for more information.

<sup>6</sup> 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.

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

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.

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



Confidential Client



Vode Headquarters, Sonoma, CA



Open Office: rendering.

## Applications

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### General Interior and Open Office



Open Office: rendering.



Conference Room: rendering.

## Sustainability &amp; Certifications

## DECLARE

## International Living Future Institute (ILFI)


 Red List  
Approved

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



### 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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 EXP. 01 FEB 2026  
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MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY  
 INTERNATIONAL LIVING FUTURE INSTITUTE™ [living-future.org/declare](https://living-future.org/declare)

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

## TM65NA

## CIBSE &amp; 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 | Surface Mounted  
**Embodied Carbon (kg CO<sub>2</sub>e):** 28.63\*

\***Note:** Embodied Carbon, expressed in kilograms of CO<sub>2</sub>e 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 <a href="#">Rail Length Chart</a> for more details.                |
| Rail Dimensions       | 1.38" (35mm) x 1.42" (36mm) x length.                                                                                           |
| Construction          | Extruded and machined 6063 aluminum.                                                                                            |
| Mounting              | Clip, Clip with Micro J-Box, Magnet with Tape-On Metal Strip, T-Bar Clips for most grid/panel construction, Strut Channel Clip. |
| System Run Length     | 24" (610mm) minimum. Unlimited maximum.                                                                                         |
| Operating Temperature | 32°F to 104°F (0°C to 40°C).                                                                                                    |
| Humidity              | 0-95%, non-condensing. Suitable for damp locations.                                                                             |
| System Weight         | 0.25lbs per ft (0.11kg per 305mm). Power supply and housing not included.                                                       |

Materials

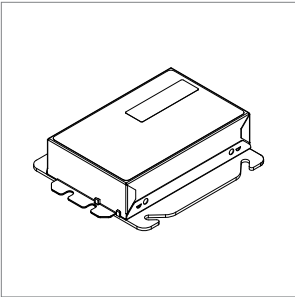
|                                   |                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| LED Board Construction            | Aluminum core PCB, black LCP connectors, RoHS compliant.                                                              |
| Lens                              | High-impact extruded acrylic glass (PMMA).                                                                            |
| Power Cable                       | Ø3mm, 33/2 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.                                                                |

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. |

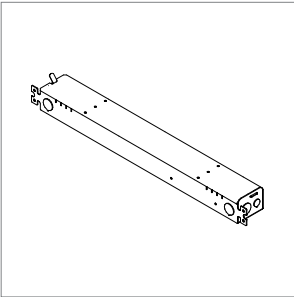
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



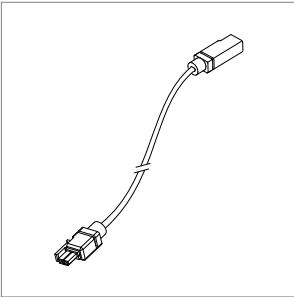
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in<sup>3</sup> (J-Box not provided). See [Tech Sheet](#) for details.

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.

Wire Harness

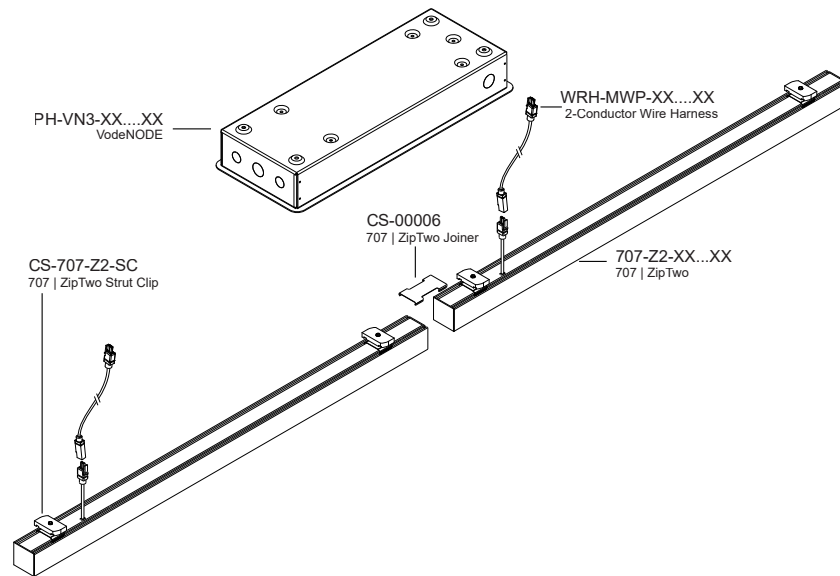


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

## Power and Controls

### Flexible 1 to 1 power

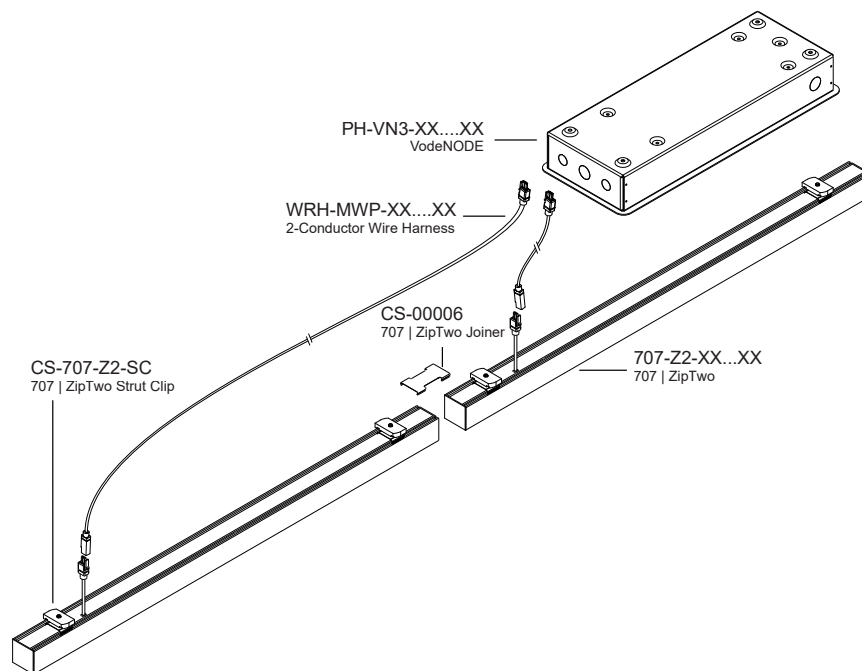
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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



### Optimized Power

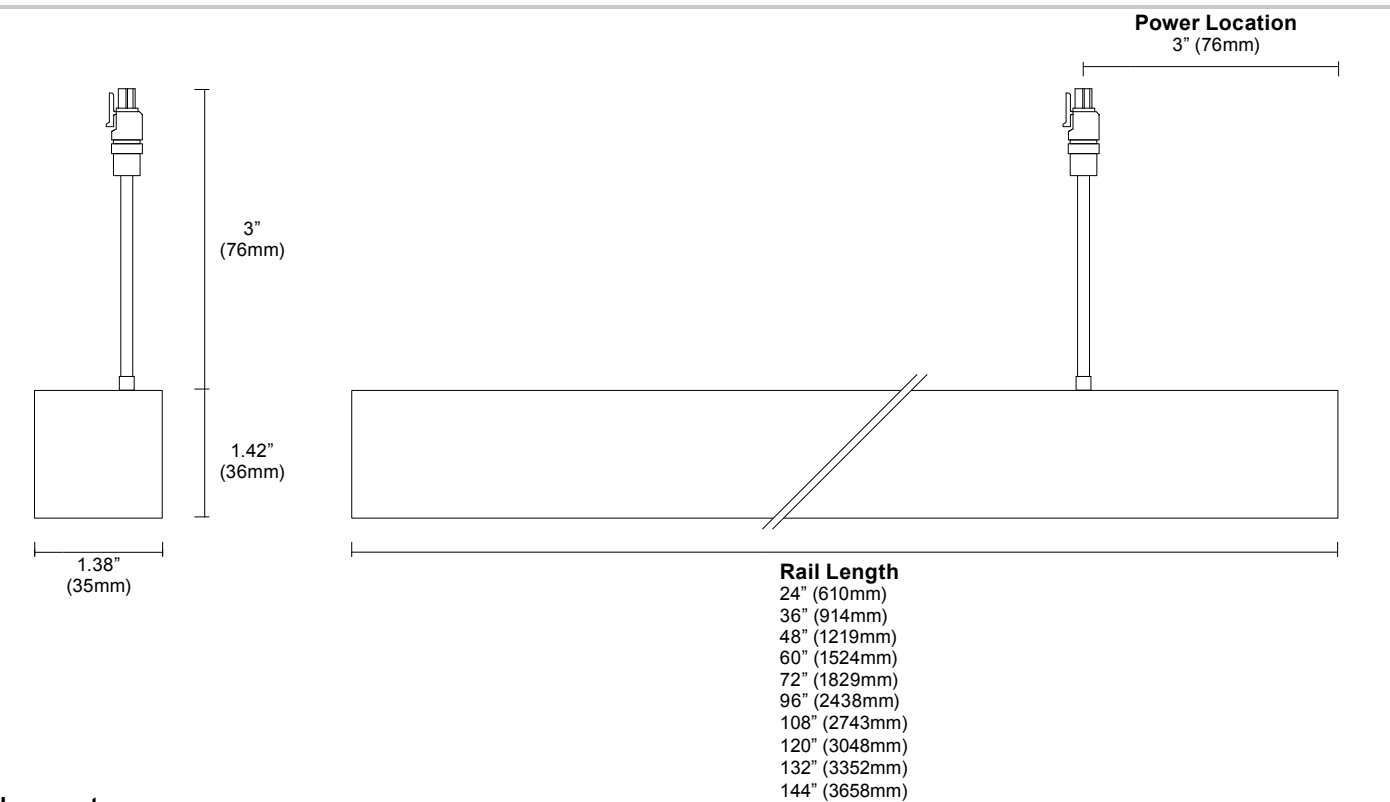
To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult [Power Guide](#) to determine which type you will receive.

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

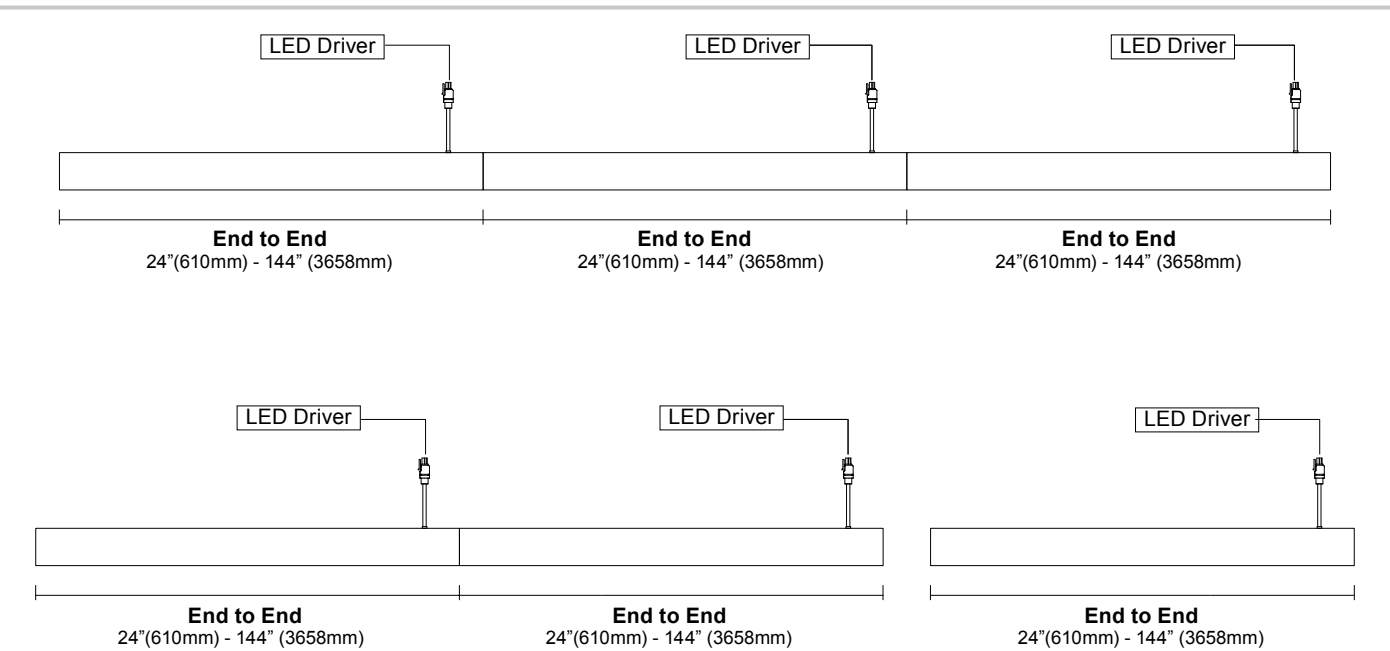


Note: Drawings not to scale, for reference only.

Dimensions



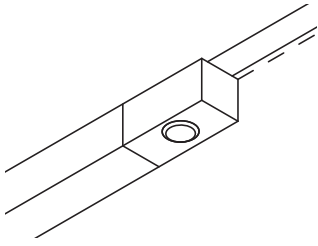
Layout



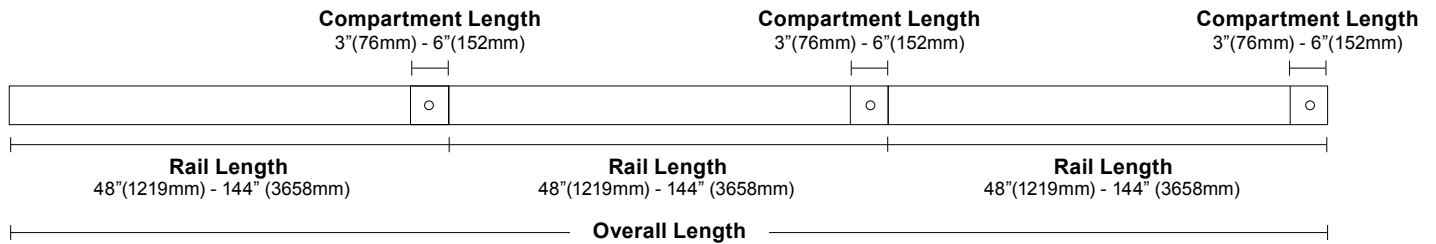
Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

vodeCONNECT Sensors <sup>1</sup>

Luminaire with integrated sensor



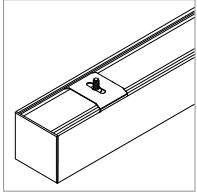
Sensor partners

Integrated sensor layout <sup>2</sup><sup>1</sup> sensor per fixture. See [vodeCONNECT brochure](#) for more details.

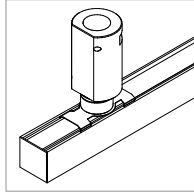
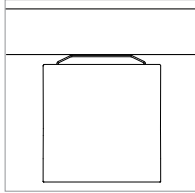
|                         | White fixture w/<br>Integrated Sensor | Black Fixture w/<br>Integrated Sensor | Sensor Compartment Length                                           |
|-------------------------|---------------------------------------|---------------------------------------|---------------------------------------------------------------------|
| <br>nLight Air          |                                       |                                       | <br>ZipTwo 3535 w/ Integrated nLight Air<br>3" compartment          |
| <br>nLight Wired        |                                       |                                       | <br>ZipTwo 3535 w/ Integrated nLight Wired<br>6" compartment        |
| <br>Lutron Athena       |                                       |                                       | <br>ZipTwo 3535 w/ Integrated Lutron Athena<br>3" compartment       |
| <br>Lutron Vive         |                                       |                                       | <br>ZipTwo 3535 w/ Integrated Lutron Vive<br>3" compartment         |
| <br>Legrand Wattstopper |                                       |                                       | <br>ZipTwo 3535 w/ Integrated Legrand Wattstopper<br>3" compartment |
| <br>Encelium SensiLUM   |                                       |                                       | <br>ZipTwo 3535 w/ Integrated Encelium SensiLUM<br>3" compartment   |

**NOTES:** 1. Compatible with the S5 optic only. 2. Due to large light gaps, sensors are not available for the following fixture lengths: 24", 36", 108", 132". Please contact customer service for more information.

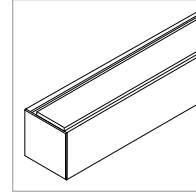
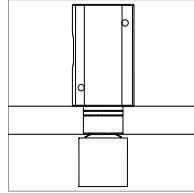
## Mounting Options



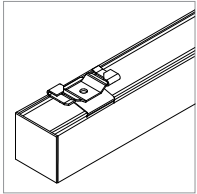
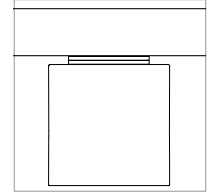
Clip (C)



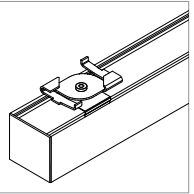
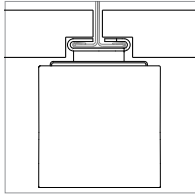
Clip with Micro J-Box (CM)



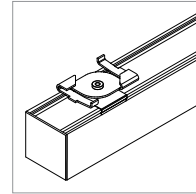
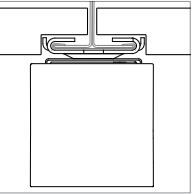
Magnet with Tape-On Metal Strip (T)



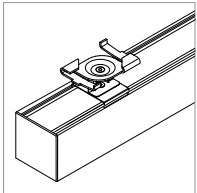
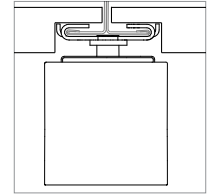
9/16" T-Bar Clip, low profile (T1)



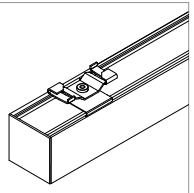
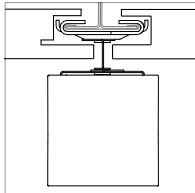
15/16" T-Bar Clip, low profile (T2)



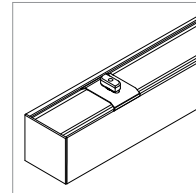
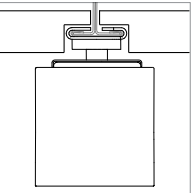
15/16" T-Bar Clip, medium profile (T3)



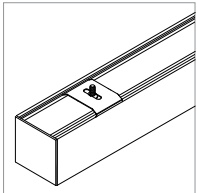
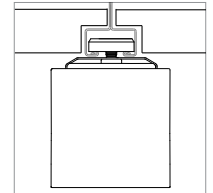
15/16" T-Bar Clip, concealed (T4)



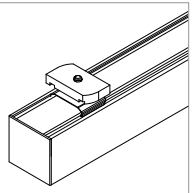
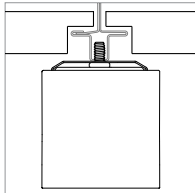
9/16" T-Bar Clip, medium profile (T5)



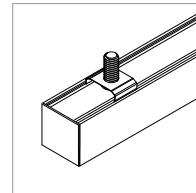
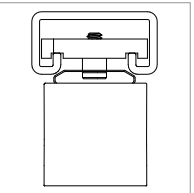
Slotted T-Bar Clip (T6)



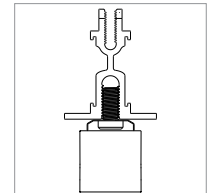
Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



Armstrong DynaMax (DM)

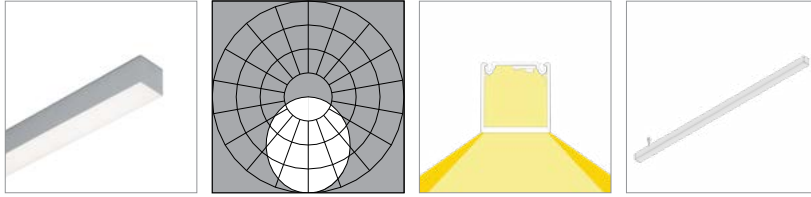


See [ZipTwo Clip Guide](#) to check compatibility.

## Performance | Zipper Board Optics

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

### Square 3535, Critical Edge (S5)



L80 >60,000 hours

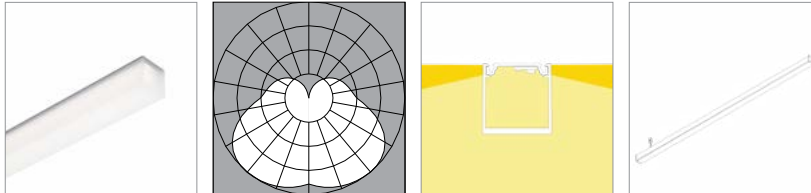
#### 90 CRI (90min., 96 avg.)

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 55    | 57    | 58    | 58    |
| Lumens per foot (305mm)    | 203   | 209   | 214   | 216   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 63    | 65    | 66    | 67    |
| Lumens per foot (305mm)    | 406   | 419   | 427   | 432   |
| Watts per foot (305mm)     | 6.6   | 6.6   | 6.6   | 6.6   |

| High Output (HO)           | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 62    | 64    | 65    | 66    |
| Lumens per foot (305mm)    | 609   | 628   | 641   | 647   |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

### Square 3535, Diffuse (S6)



L80 >60,000 hours

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

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 110   | 113   | 115   | 117   |
| Lumens per foot (305mm)    | 406   | 419   | 428   | 432   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

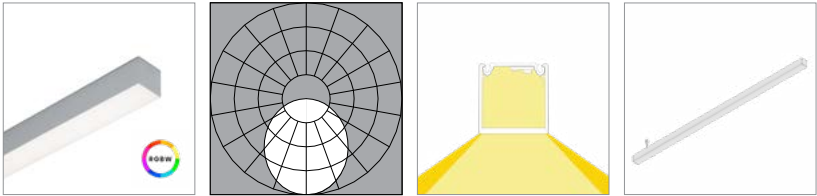
| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 125   | 129   | 132   | 133   |
| Lumens per foot (305mm)    | 813   | 838   | 856   | 864   |
| Watts per foot (305mm)     | 6.6   | 6.6   | 6.6   | 6.6   |

| High Output (HO)           | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 124   | 128   | 130   | 132   |
| Lumens per foot (305mm)    | 1219  | 1258  | 1283  | 1296  |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).  
RGBW (red, green, blue, and white) tested with **all channels on**.

Square 3535, Critical Edge (S5)

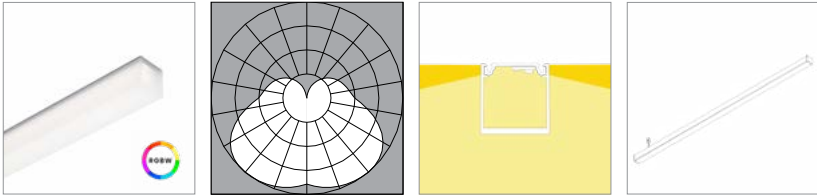


L80 >60,000 hours

|                            | RGBW Color, 90 CRI (90min., 96 avg.) |       |       |       |
|----------------------------|--------------------------------------|-------|-------|-------|
|                            | 2700K                                | 3000K | 3500K | 4000K |
| Low Output (LO)            |                                      |       |       |       |
| Efficacy - Lumens per Watt | 46                                   | 48    | 49    | 49    |
| Lumens per foot (305mm)    | 385                                  | 397   | 405   | 409   |
| Watts per foot (305mm)     | 8.5                                  | 8.5   | 8.5   | 8.5   |

|                            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Standard Output (SO)       |       |       |       |       |
| Efficacy - Lumens per Watt | 44    | 45    | 46    | 47    |
| Lumens per foot (305mm)    | 577   | 595   | 607   | 614   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

Square 3535, Diffuse (S6)



L80 >60,000 hours

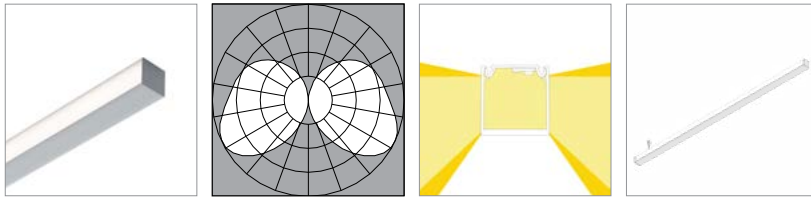
|                            | RGBW Color, 90 CRI (90min., 96 avg.) |       |       |       |
|----------------------------|--------------------------------------|-------|-------|-------|
|                            | 2700K                                | 3000K | 3500K | 4000K |
| Low Output (LO)            |                                      |       |       |       |
| Efficacy - Lumens per Watt | 42                                   | 44    | 45    | 45    |
| Lumens per foot (305mm)    | 353                                  | 364   | 371   | 375   |
| Watts per foot (305mm)     | 8.5                                  | 8.5   | 8.5   | 8.5   |

|                            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Standard Output (SO)       |       |       |       |       |
| Efficacy - Lumens per Watt | 40    | 42    | 42    | 43    |
| Lumens per foot (305mm)    | 529   | 546   | 557   | 562   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

## Performance | Zipper Board Optics

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

### Square 3535, Side Diffuse (S9)



L80 >60,000 hours

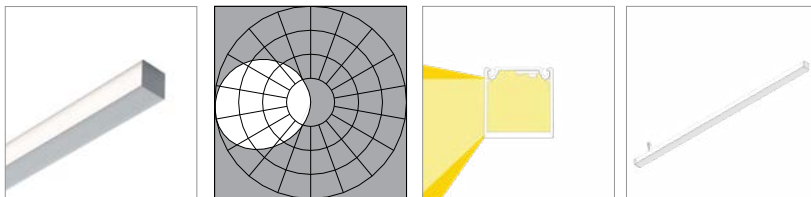
**90 CRI (90min., 96 avg.)**

| <b>Low Output (LO)</b>     | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 74    | 77    | 78    | 79    |
| Lumens per foot (305mm)    | 275   | 284   | 290   | 292   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

| <b>Standard Output (SO)</b> | 2700K | 3000K | 3500K | 4000K |
|-----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt  | 85    | 87    | 89    | 90    |
| Lumens per foot (305mm)     | 550   | 567   | 579   | 585   |
| Watts per foot (305mm)      | 6.6   | 6.6   | 6.6   | 6.6   |

| <b>High Output (HO)</b>    | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 84    | 87    | 88    | 89    |
| Lumens per foot (305mm)    | 825   | 851   | 869   | 877   |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

### Square 3535, Single Side Diffuse (SA)



L80 >60,000 hours

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

| <b>Low Output (LO)</b>     | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 67    | 69    | 71    | 72    |
| Lumens per foot (305mm)    | 249   | 257   | 262   | 264   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

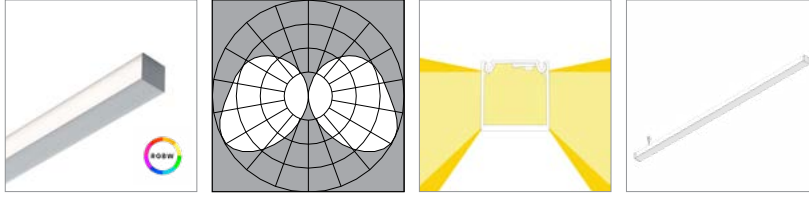
| <b>Standard Output (SO)</b> | 2700K | 3000K | 3500K | 4000K |
|-----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt  | 77    | 79    | 81    | 82    |
| Lumens per foot (305mm)     | 497   | 513   | 524   | 529   |
| Watts per foot (305mm)      | 6.6   | 6.6   | 6.6   | 6.6   |

| <b>High Output (HO)</b>    | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 76    | 78    | 80    | 81    |
| Lumens per foot (305mm)    | 746   | 770   | 785   | 793   |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

## Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).  
 RGBW (red, green, blue, and white) tested with **all channels on**.

### Square 3535, Side Diffuse (S9)



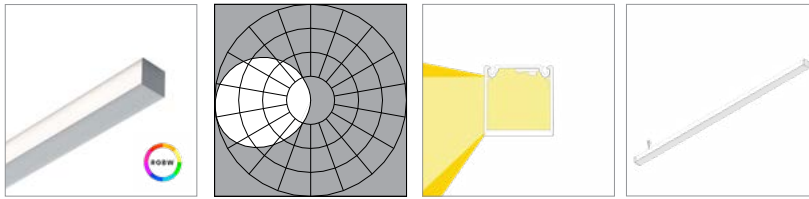
L80 >60,000 hours

#### RGBW Color, 90 CRI (90min., 96 avg.)

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 62    | 64    | 66    | 66    |
| Lumens per foot (305mm)    | 521   | 538   | 549   | 554   |
| Watts per foot (305mm)     | 8.5   | 8.5   | 8.5   | 8.5   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 60    | 64    | 66    | 66    |
| Lumens per foot (305mm)    | 791   | 843   | 864   | 875   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

### Square 3535, Single Side Diffuse (SA)



L80 >60,000 hours

#### RGBW Color, 90 CRI (90min., 96 avg.)

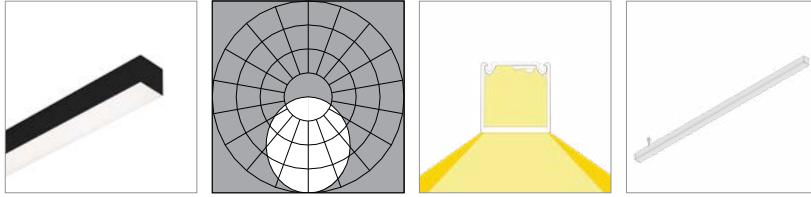
| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 56    | 58    | 59    | 60    |
| Lumens per foot (305mm)    | 471   | 486   | 496   | 501   |
| Watts per foot (305mm)     | 8.5   | 8.5   | 8.5   | 8.5   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 54    | 55    | 57    | 57    |
| Lumens per foot (305mm)    | 707   | 729   | 744   | 752   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

## Performance | Zipper Board Optics

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

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



L80 >60,000 hours

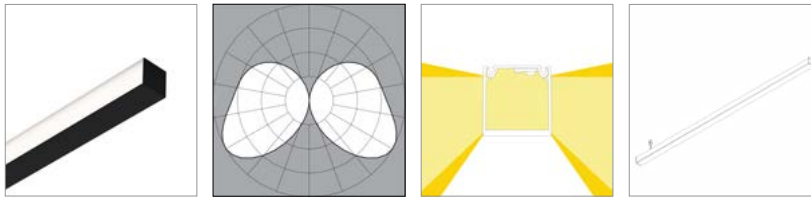
#### 90 CRI (90min., 96 avg.)

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 65    | 67    | 69    | 69    |
| Lumens per foot (305mm)    | 241   | 248   | 253   | 256   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 74    | 77    | 78    | 79    |
| Lumens per foot (305mm)    | 482   | 497   | 507   | 512   |
| Watts per foot (305mm)     | 6.6   | 6.6   | 6.6   | 6.6   |

| High Output (HO)           | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 74    | 76    | 77    | 78    |
| Lumens per foot (305mm)    | 722   | 745   | 760   | 768   |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

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



L80 >60,000 hours

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

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 81    | 84    | 85    | 86    |
| Lumens per foot (305mm)    | 300   | 310   | 316   | 319   |
| Watts per foot (305mm)     | 3.8   | 3.8   | 3.8   | 3.8   |

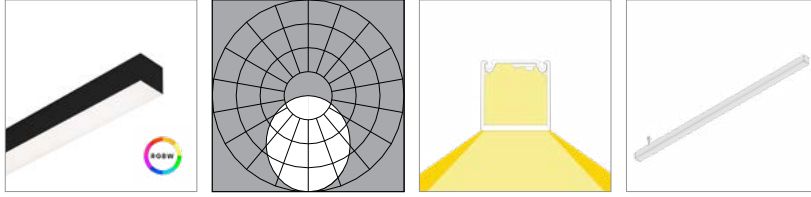
| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 93    | 95    | 97    | 98    |
| Lumens per foot (305mm)    | 601   | 620   | 632   | 639   |
| Watts per foot (305mm)     | 6.6   | 6.6   | 6.6   | 6.6   |

| High Output (HO)           | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 92    | 94    | 96    | 97    |
| Lumens per foot (305mm)    | 901   | 929   | 948   | 958   |
| Watts per foot (305mm)     | 9.9   | 9.9   | 9.9   | 9.9   |

## Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).  
 RGBW (red, green, blue, and white) tested with **all channels on**.

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



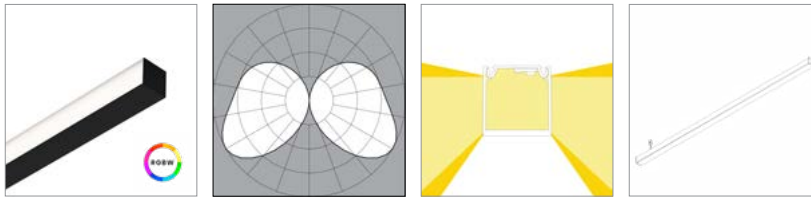
L80 >60,000 hours

#### RGBW Color, 90 CRI (90min., 96 avg.)

| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 55    | 56    | 58    | 58    |
| Lumens per foot (305mm)    | 456   | 471   | 480   | 485   |
| Watts per foot (305mm)     | 8.5   | 8.5   | 8.5   | 8.5   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 52    | 54    | 55    | 55    |
| Lumens per foot (305mm)    | 684   | 706   | 720   | 728   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

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



L80 >60,000 hours

#### RGBW Color, 90 CRI (90min., 96 avg.)

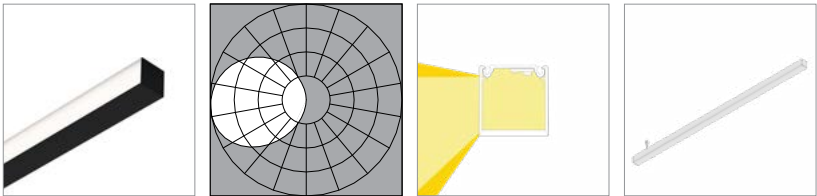
| Low Output (LO)            | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 68    | 70    | 72    | 72    |
| Lumens per foot (305mm)    | 569   | 587   | 599   | 605   |
| Watts per foot (305mm)     | 8.5   | 8.5   | 8.5   | 8.5   |

| Standard Output (SO)       | 2700K | 3000K | 3500K | 4000K |
|----------------------------|-------|-------|-------|-------|
| Efficacy - Lumens per Watt | 65    | 67    | 68    | 69    |
| Lumens per foot (305mm)    | 854   | 881   | 899   | 908   |
| Watts per foot (305mm)     | 13.3  | 13.3  | 13.3  | 13.3  |

Performance | Zipper Board Optics

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

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



L80 >60,000 hours

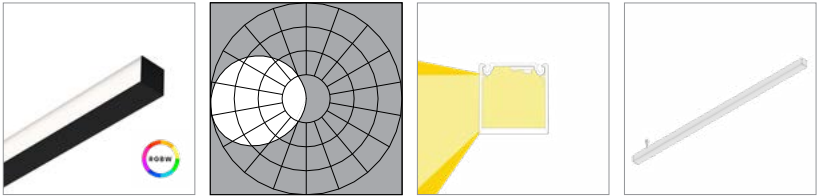
90 CRI (90min., 96 avg.)

|                             | 2700K | 3000K | 3500K | 4000K |
|-----------------------------|-------|-------|-------|-------|
| <b>Low Output (LO)</b>      |       |       |       |       |
| Efficacy - Lumens per Watt  | 64    | 66    | 67    | 68    |
| Lumens per foot (305mm)     | 235   | 242   | 247   | 250   |
| Watts per foot (305mm)      | 3.8   | 3.8   | 3.8   | 3.8   |
| <b>Standard Output (SO)</b> |       |       |       |       |
| Efficacy - Lumens per Watt  | 72    | 75    | 76    | 77    |
| Lumens per foot (305mm)     | 470   | 485   | 495   | 499   |
| Watts per foot (305mm)      | 6.6   | 6.6   | 6.6   | 6.6   |
| <b>High Output (HO)</b>     |       |       |       |       |
| Efficacy - Lumens per Watt  | 72    | 74    | 76    | 76    |
| Lumens per foot (305mm)     | 705   | 727   | 742   | 749   |
| Watts per foot (305mm)      | 9.9   | 9.9   | 9.9   | 9.9   |

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).  
RGBW (red, green, blue, and white) tested with **all channels on**.

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



L80 >60,000 hours

|                            | RGBW Color, 90 CRI (90min., 96 avg.) |       |       |       |
|----------------------------|--------------------------------------|-------|-------|-------|
|                            | 2700K                                | 3000K | 3500K | 4000K |
| Low Output (LO)            |                                      |       |       |       |
| Efficacy - Lumens per Watt | 53                                   | 55    | 56    | 57    |
| Lumens per foot (305mm)    | 445                                  | 459   | 469   | 473   |
| Watts per foot (305mm)     | 8.5                                  | 8.5   | 8.5   | 8.5   |

|                            | RGBW Color, 90 CRI (90min., 96 avg.) |       |       |       |
|----------------------------|--------------------------------------|-------|-------|-------|
|                            | 2700K                                | 3000K | 3500K | 4000K |
| Standard Output (SO)       |                                      |       |       |       |
| Efficacy - Lumens per Watt | 51                                   | 52    | 53    | 54    |
| Lumens per foot (305mm)    | 668                                  | 689   | 703   | 710   |
| Watts per foot (305mm)     | 13.3                                 | 13.3  | 13.3  | 13.3  |

## Patent Marking

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