



Spec Guide

# ZipTwo | Round 3515 | 707



Direct lighting for open office and ambient applications.



Round 3515, Diffuse, white



## Benefits & Features

### Low Profile Design

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

### Superior Light Quality with High Diffusion

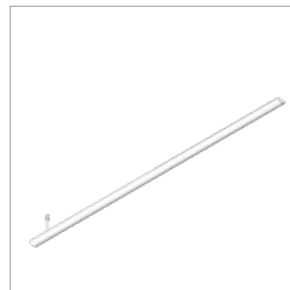
Output up to 1071 lm/ft (HO), 110 lm/W (HO). 90 CRI static, 90 CRI RGBW, & 90 CRI tunable white 2200K - 5000K. Custom ranges available upon request.

### Versatile Mounting Options, Easy Installation

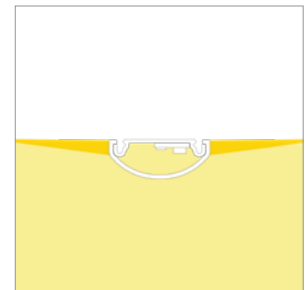
Magnet with tape-on metal strip or low profile clip allow for mounting to almost any surface or T-Bar ceiling.

### High Diffusion & Uniform Distribution

Wide, soft distribution without diode image.



Single Rail



Light Distribution

## Build Your Specification

707-Z2	SL				0	»
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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.  <i>Corner and Shapes Available <a href="#">See Guide</a> for details.</i>	<b>24</b> 24" (610mm) <b>36</b> 36" (914mm) <b>48</b> 48" (1219mm) <b>60</b> 60" (1524mm) <b>72</b> 72" (1829mm) <b>96</b> 96" (2438mm) <b>108</b> 108" (2743mm) <b>120</b> 120" (3048mm) <b>132</b> 132" (3352mm) <b>144</b> 144" (3658mm) <b>ZZ</b> Other rail length or layout (please specify) <i>See <a href="#">Rail Length Chart</a> for more details.</i>	<b>C</b> Clip <b>CM</b> Clip with Micro J-Box <sup>1</sup> <b>T</b> Magnet with Tape-On Metal Strip <sup>2</sup> <b>T1</b> 9/16" T-Bar Clip, low profile <b>T2</b> 15/16" T-Bar Clip, low profile <b>T3</b> 15/16" T-Bar Clip, medium profile <b>T4</b> 15/16" T-Bar Clip, concealed <b>T5</b> 9/16" T-Bar Clip, medium profile <b>T6</b> Slotted T-Bar Clip <b>T7</b> Dimensional T-Bar Clip <b>SC</b> Strut Channel Clip <sup>1</sup> <b>DM</b> Armstrong DynaMax <b>ZZ</b> Other (please specify)	<b>0</b> None
<p><b>▲ Custom lengths may result in light gaps on the fixture. See <a href="#">Rail Length Chart</a> for more details.</b></p>					

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

»		S4		WH
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Lumen Output	Color Temperature	Optics	Sensors	Finish
<b>LO</b> Low Output <b>SO</b> Standard Output <b>HO</b> High Output <b>ZZ</b> Other (please specify)  <i>See <a href="#">IES Files</a> page for details. See <a href="#">Power Guide</a> for driver features &amp; limitations.</i>	<b>90+ CRI</b> <b>27</b> 2700K <b>30</b> 3000K <b>35</b> 3500K <b>40</b> 4000K  <b>RGBW 90+ CRI</b> <b>C279</b> RGB Color, 2700K <b>C309</b> RGB Color, 3000K <b>C359</b> RGB Color, 3500K <b>C409</b> RGB Color, 4000K  <b>ZZ</b> Tunable White Available <i>See <a href="#">Guide</a> for details.</i>	<b>S4</b> Round 3515, Diffuse (WH)	<b>0</b> None <b>ZZ</b> Other (please specify) <sup>5</sup>	<b>WH</b> White

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**Options**

**0** None  
**9** 9' 18/3 Cord and Plug

**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.

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



Office Space: rendering.




St. Louis Enterprise Center, St. Louis, MO

# Declare Label

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

See [International Living Future Institute](https://www.living-future.org/declare) 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)<sup>1</sup>; Copper; **Fluorinated Ethylene Propylene (masterbatch)**<sup>2</sup>; Polymethyl methacrylate (PMMA); Stainless Steel; Polyoxymethylene Copolymer (POM); Styrene-butadiene polymer, hydrogenated; Poly(methyl methacrylate/butyl acrylate/styrene) (PMMA/BA/S); Styrene/butadiene copolymer; Distillates; Polypropylene; Calcium carbonate; Polycarbonate; EVA Copolymer; Methyl methacrylate (MMA); Polyphenylene Oxide; Brass; Tin, Organic

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

**Living Building Challenge Criteria:** Compliant

**I-13 Red List:**

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

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

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

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



## Structure

Rail Lengths	24" (610mm) - 144" (3658mm). Modified lengths available. See <a href="#">Rail Length Chart</a> for more details.
Rail Dimensions	1.38" (35mm) x 0.60" (15mm) 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

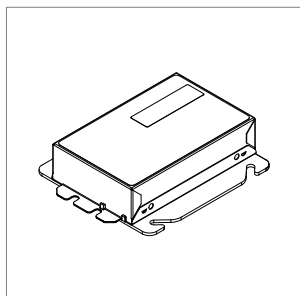
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 ( <i>PVC free in 2020</i> ).
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, 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) <i>depending</i> on driver selection. See <a href="#">Power Guide</a> for details.

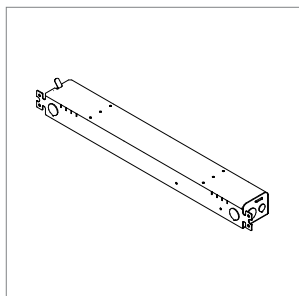
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

### Remote Brick Power Housing



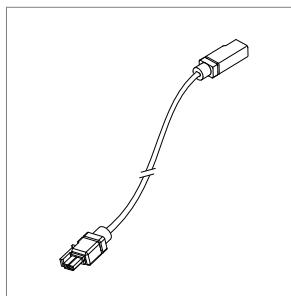
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in<sup>3</sup> (J-Box not provided). See [Tech Sheet](#) for details.

### 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

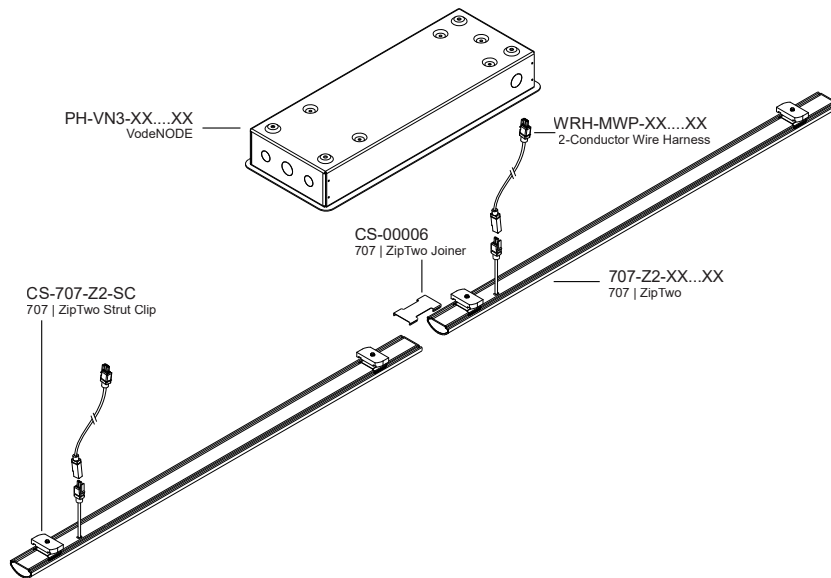


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

## Power and Controls

### Flexible 1 to 1 power

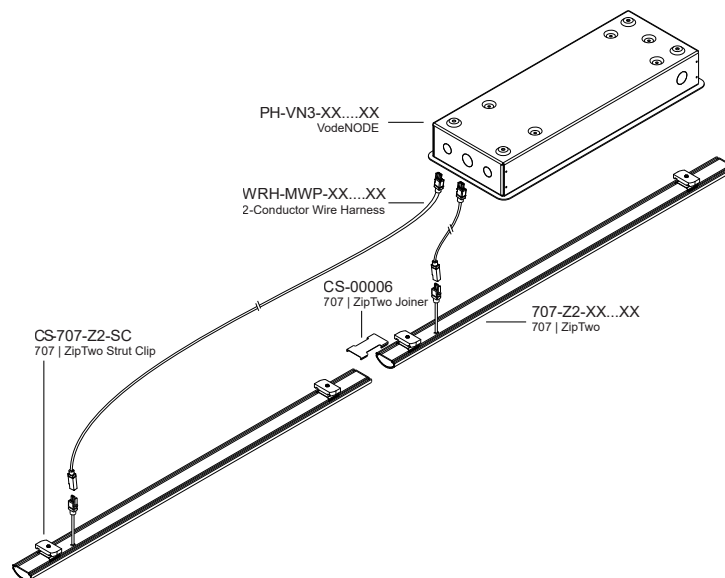
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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



### Optimized Power

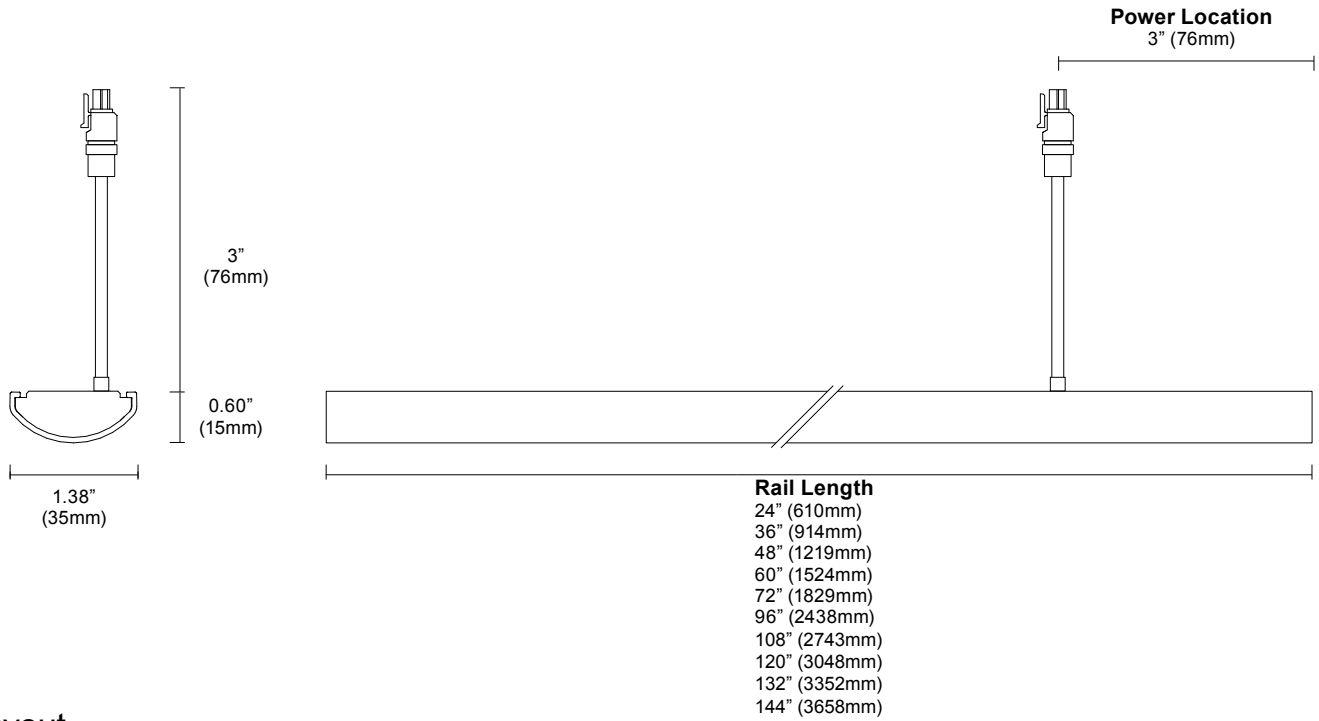
To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult [Power Guide](#) to determine which type you will receive.

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

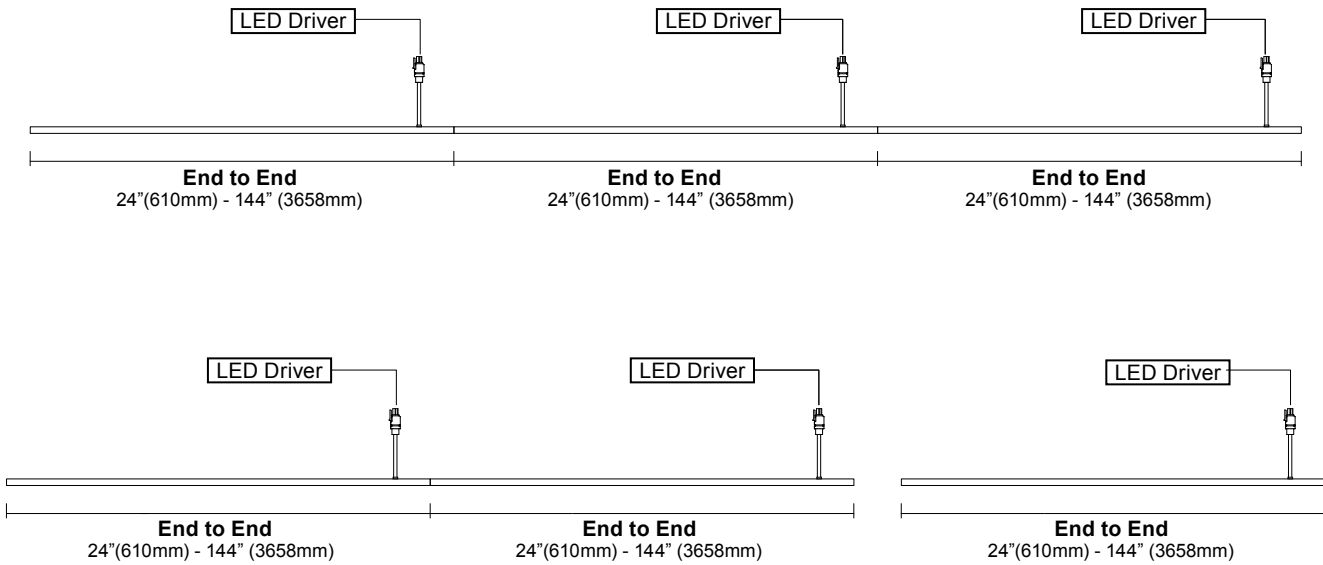


Note: Drawings not to scale, for reference only.

## Dimensions

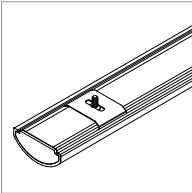


## Layout

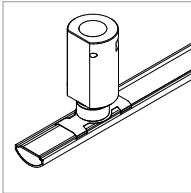
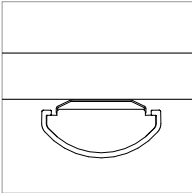


Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag) [See Guide](#) for details.

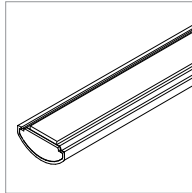
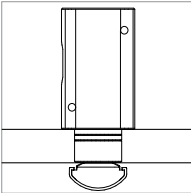
# Mounting Options



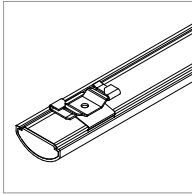
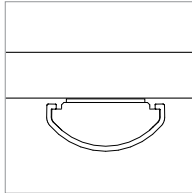
Clip (C)



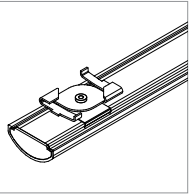
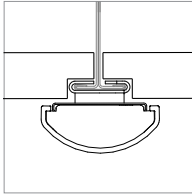
Clip with Micro J-Box (CM)



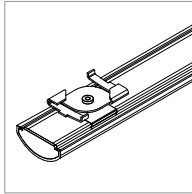
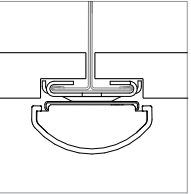
Magnet with Tape-On Ferrous Strip (T)



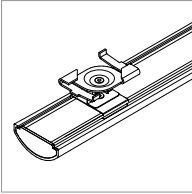
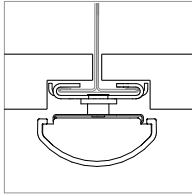
9/16" T-Bar Clip, low profile (T1)



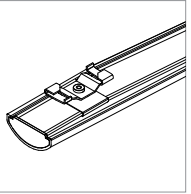
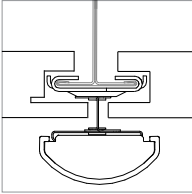
15/16" T-Bar Clip, low profile (T2)



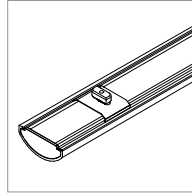
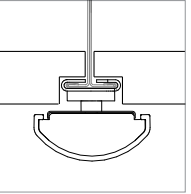
15/16" T-Bar Clip, medium profile (T3)



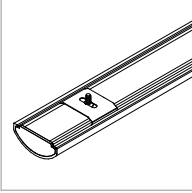
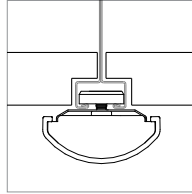
15/16" T-Bar Clip, concealed (T4)



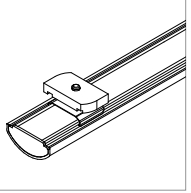
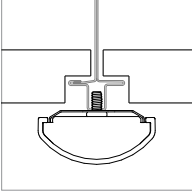
9/16" T-Bar Clip, medium profile (T5)



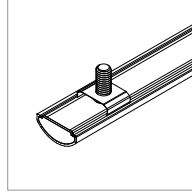
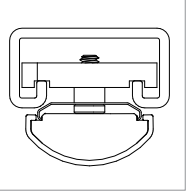
Slotted T-Bar Clip (T6)



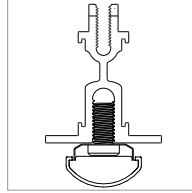
Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



Armstrong DynaMax (DM)



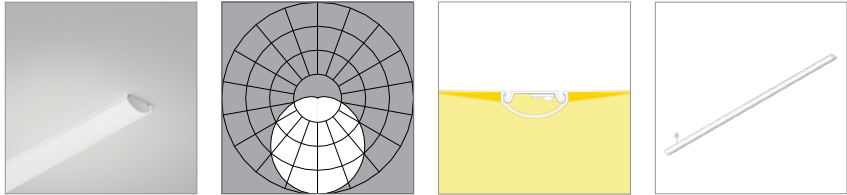
See [ZipTwo Clip Guide](#) to check compatibility.



# Performance | Zipper Board Optics

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

## Round 3515, Diffuse (S4)



L80 is >60,000 hours

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

<b>Low Output (LO)</b>	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	94	97	99	100
Lumens per foot (305mm)	347	358	366	369
Watts per foot (305mm)	3.8	3.8	3.8	3.8

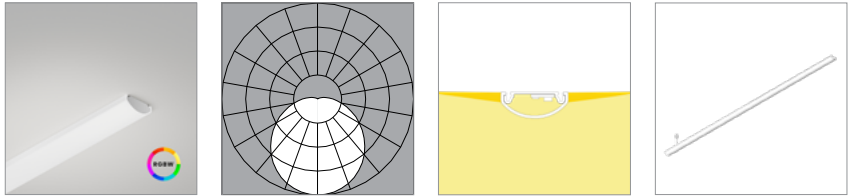
<b>Standard Output (SO)</b>	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	110	113	113
Lumens per foot (305mm)	695	717	731	739
Watts per foot (305mm)	6.6	6.6	6.6	6.6

<b>High Output (HO)</b>	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	109	111	113
Lumens per foot (305mm)	1042	1075	1097	1108
Watts per foot (305mm)	9.9	9.9	9.9	9.9

# 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**.

## Round 3515, Diffuse (S4)



L80 is >60,000 hours

Low Output (LO)	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	57	58	59	60
Lumens per foot (305mm)	472	487	497	502
Watts per foot (305mm)	8.5	8.5	8.5	8.5

Standard Output (SO)	2700K	3000K	3500K	4000K
	Efficacy - Lumens per Watt	54	58	59
Lumens per foot (305mm)	716	764	783	792
Watts per foot (305mm)	13.3	13.3	13.3	13.3

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