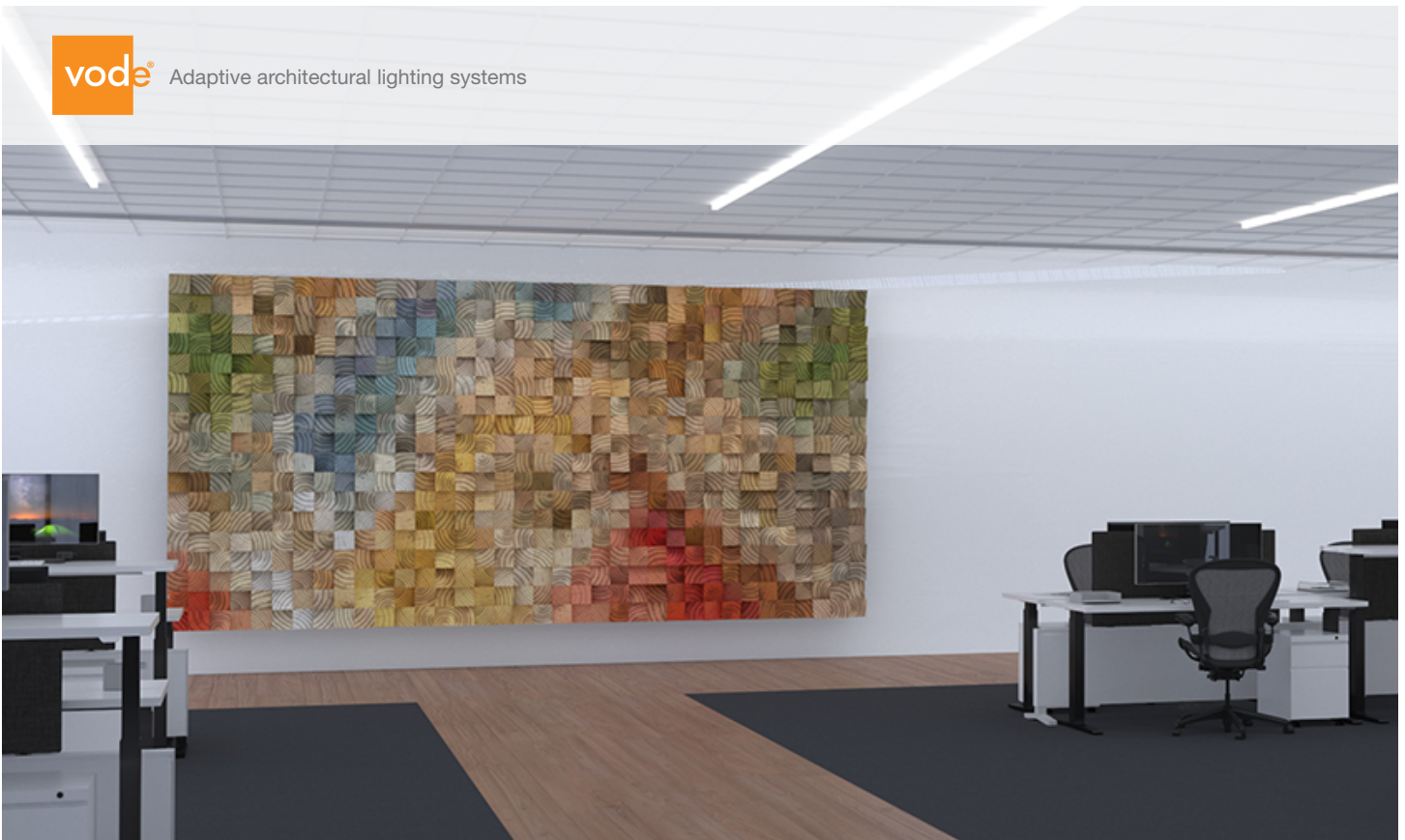




Adaptive architectural lighting systems



Spec Guide

ZipTwo® | Square 3535/30 | 707

Direct or indirect lighting for wall wash and ceiling wash applications.



Square 3535/30, Soft Wash, white

Benefits & Features

Minimal Profile, Robust Design

Asymmetric profile: 1.38" (35mm) x 1.42" (36mm) / 30°.

Superior Light Quality & Performance

Output up to 1040 lm/ft (3411 lm/m) (HO), 107 lm/W (SO). 80 & 90 CRI & tunable white (2200-5000K) available.

Versatile Mounting, Easy Installation

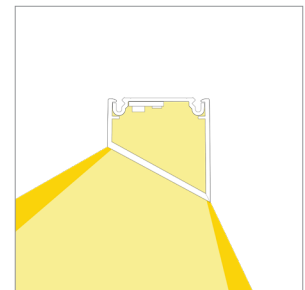
Magnet with tape-on metal strip or low profile clip allow for mounting to almost any surface or T-Bar ceiling.

Discrete Wall Washer

Asymmetric lens with Soft Wash minimizes glare while subtly casting light on a surface.



Square 3535/30, Soft Wash, black



Light Distribution

Build Your Specification

707-Z2		SL				0 >>	
System & Rail Type		System Type		System Length		Rail Length	
707-Z2 ZipTwo		SL Standard Linear		Specify overall system length in ft/in or M/mm. Corners and Shapes Available. See Corners and Shapes Guide for more details.		24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) 108 108" (2743mm) 120 120" (3048mm) 132 132" (3352mm) 144 144" (3658mm) ZZ Other rail length or layout (please specify) See Rail Length Chart for more details	
						Mounting	
						C Clip CM Clip with Micro J-Box T Magnet with Tape-On Metal Strip T1 9/16" T-Bar Clip, low profile T2 15/16" T-Bar Clip, low profile T3 15/16" T-Bar Clip, medium profile T4 15/16" T-Bar Clip, concealed T5 9/16" T-Bar Clip, medium profile T6 Slotted T-Bar Clip T7 Dimensional T-Bar Clip SC Strut Channel Clip DM Armstrong DynaMax ZZ Other (please specify)	
						Arm/Cord Length	
						0 None	
>>						Z >>	
Power Location		Power Type		Voltage		Emergency Power	
Remote Power		Flexible 1 to 1 Power		1 120v 2 120v-277v X Not Yet Specified		0 No Emergency Power ZZ Emergency Power (specify requirements)	
RP25 25' (7.62m) Wire Harness		AE eldoLED 0-10v, 1.0% Dimming					
RP50 50' (15.24m) Wire Harness		AT eldoLED 0-10v, 0.1% Dimming					
RP75 75' (22.86m) Wire Harness		AD eldoLED DALI, 0.1% Dimming					
RP100 100' (30.48m) Wire Harness		AX eldoLED DMX, 100-0% Dimming					
		AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE1					
		AH2 Hi-lume 1% 2-wire LTEA2W (120V forward phase only)					
		Optimized Power					
		AEO eldoLED 0-10v, 1.0% Dimming					
		ATO eldoLED 0-10v, 0.1% Dimming					
		ADO eldoLED DALI, 0.1% Dimming					
		AXO eldoLED DMX, 100-0% Dimming					
		ZZ Other (please specify)					
		*See Power Guide for driver features & limitations.					
>>							
Lumen Output		Color Temperature ²		Optics		Sensors	
LO Low Output		80+ CRI		A3 Square 3535/30, Soft Wash		0 None	
SO Standard Output		27 2700K				ZZ Other (please specify) ¹	
HO High Output ¹		30 3000K					
ZZ Other (please specify)		35 3500K					
See IES Files page for details.		40 4000K					
*See Power Guide for driver features & limitations.		90+ CRI					
		279 2700K					
		309 3000K					
		359 3500K					
		409 4000K					
		ZZ Tunable White Available					
		See Guide for details					
>>							
Finish		Options					
WH White		0 None					
BL Black		9 9' 18/3 Cord and Plug					
		CP Contact factory for Chicago Plenum					

NOTES & LIMITATIONS

¹Sensors available. Contact [Vode](#) for more information.²RGBW available. Contact [Vode](#) for more information.5 Year Limited Warranty. See full Vode warranty description [here](#) or at [vode.com](#).

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA.



Applications

General Interior and Open Office



Structure

Rail Lengths	24" (610mm) - 144" (3658mm) See Rail Length Chart for more details.
Rail Dimensions	1.38" (35mm) x 1.42" (36mm) / 30°. See dimensions section for details.
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.
Run Length	24" (610mm) minimum. Rail lengths may be installed end-to-end to any length.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-95%, non-condensing. Suitable for damp locations.
System Weight	0.29lbs per ft (0.13kg per 305mm). Power supply and housing not included.

Materials

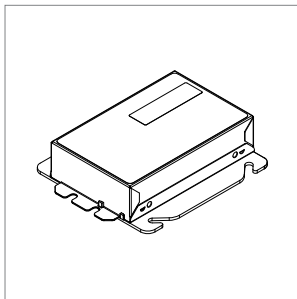
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, red list free.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant, LBC red list free.
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, Lutron 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.

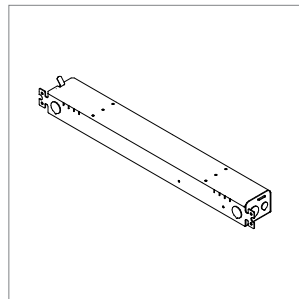
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



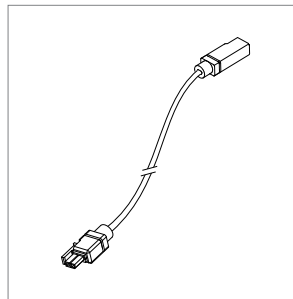
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

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.

Wire Harness

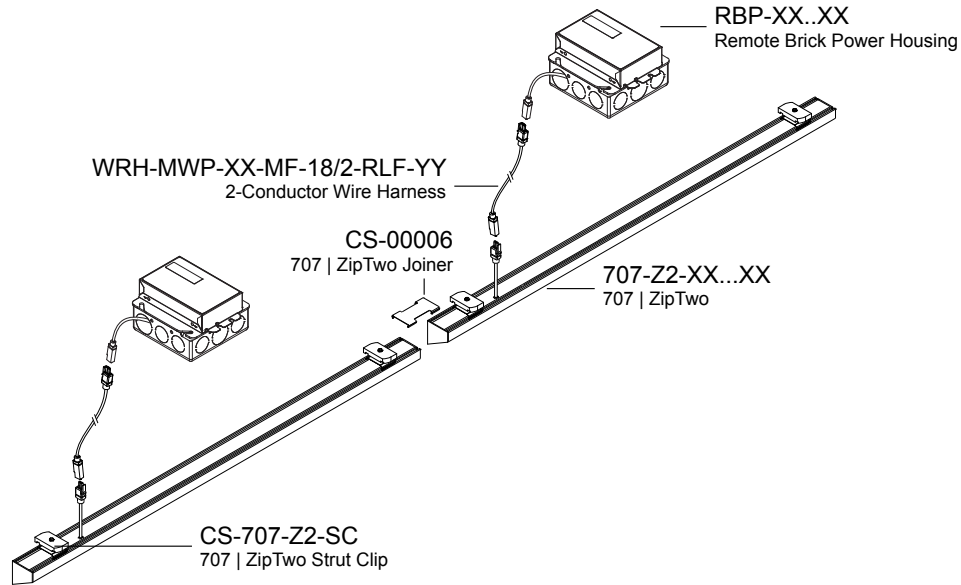


Wire harness connects driver to rail. Wire harness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

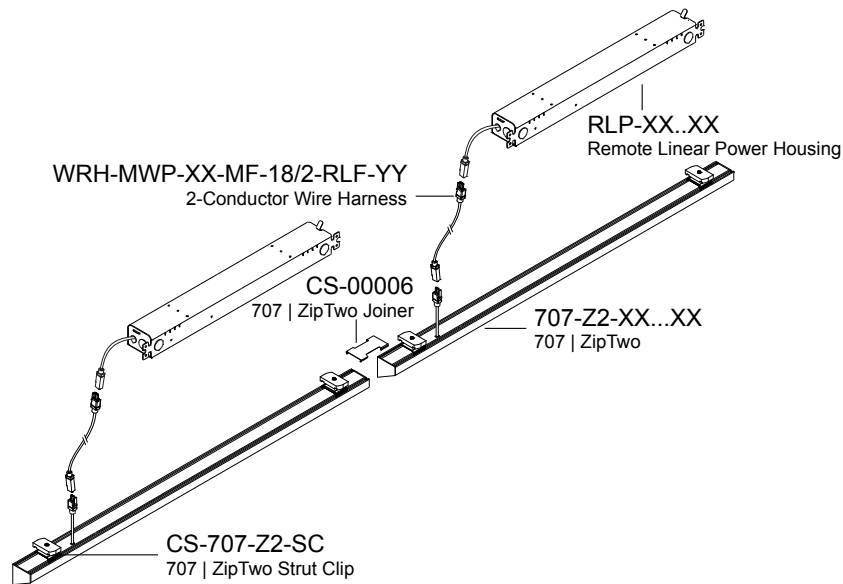
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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

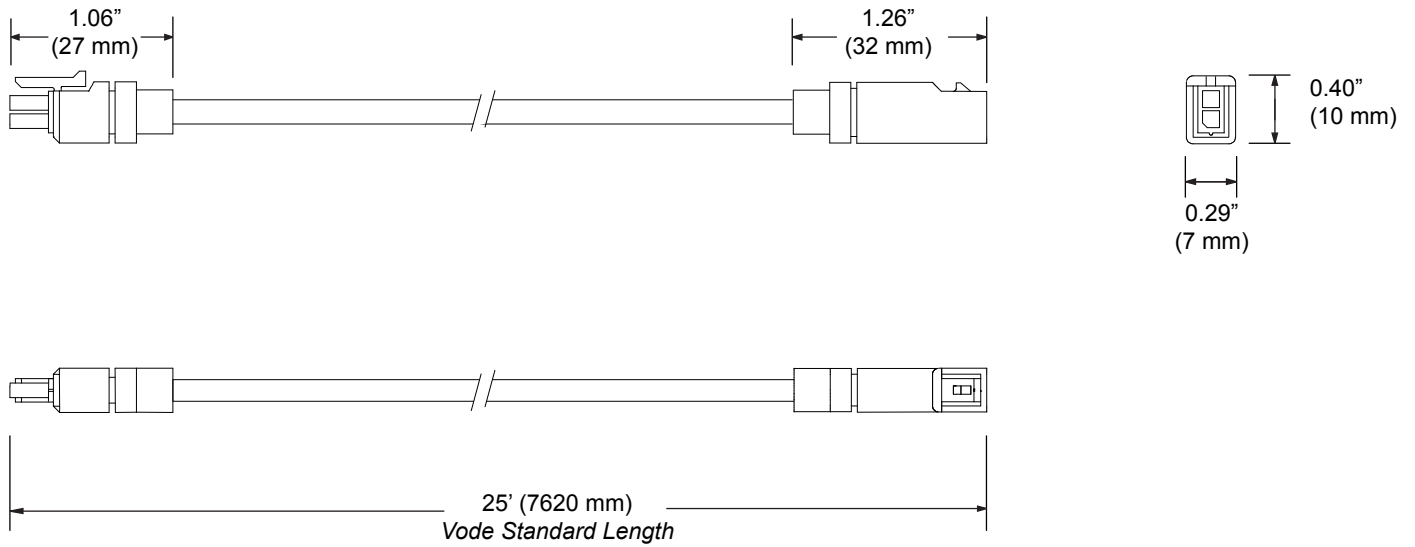


Note: Drawings not to scale, for reference only.

Power and Controls

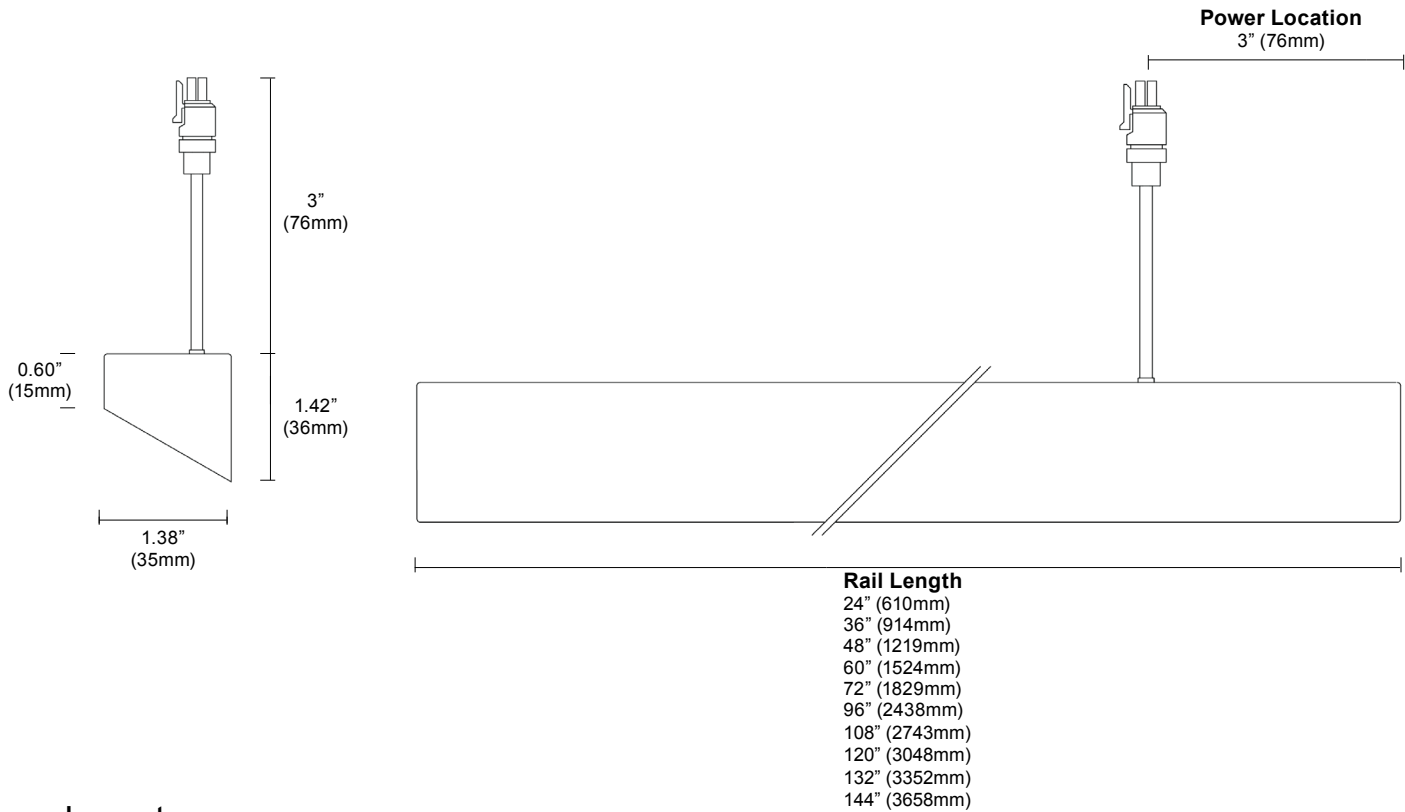
Wire Harness

Low voltage wire harness connects driver to rail. Wire harness is 25' (7.6m) 18/2 AWG stranded wire with provided micro fit molex connectors on either end for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). Refer to Vode Power Guide for max remote distance based on power selection. Consult [Power Guide](#) to determine which type you will receive.

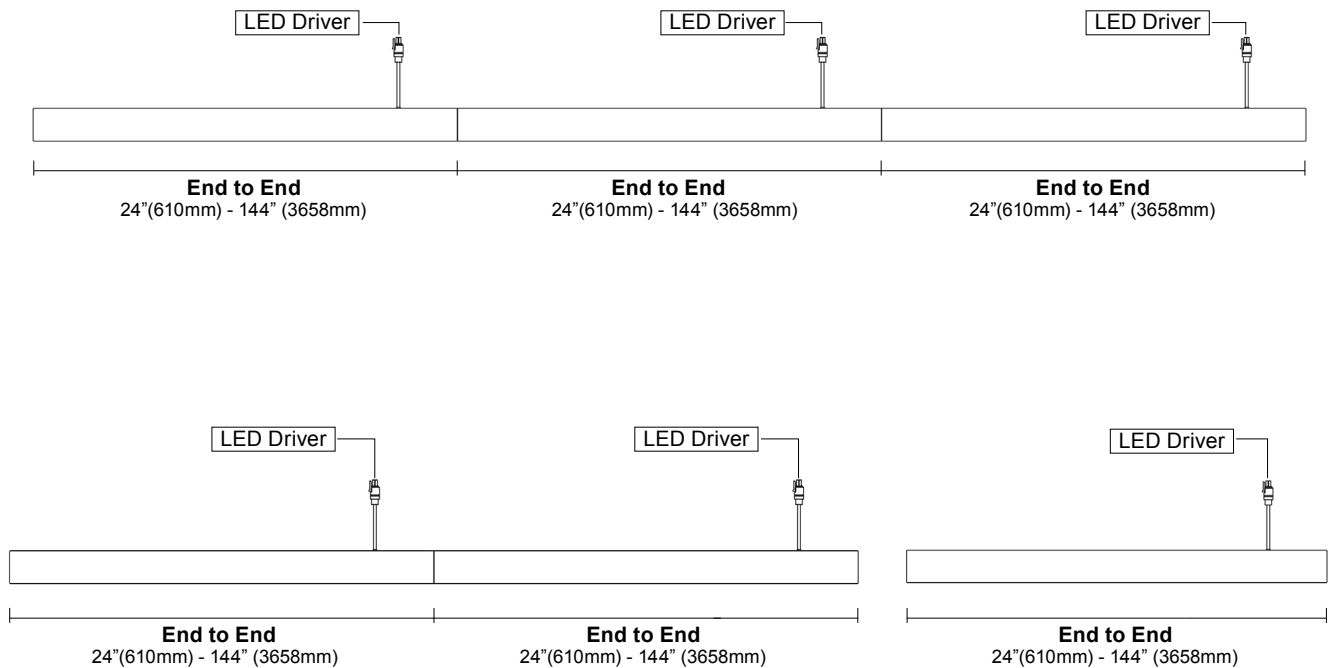


Note: Drawings not to scale, for reference only.

Dimensions



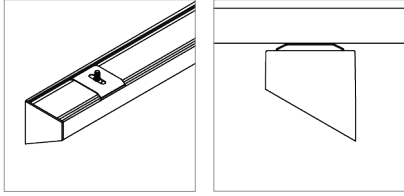
Layout



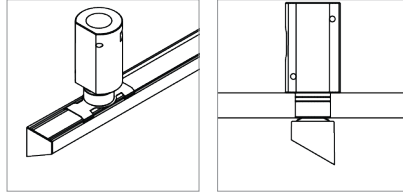
Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag)

[See Guide](#) for details

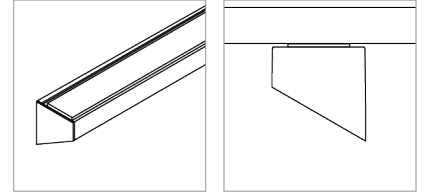
Mounting Options



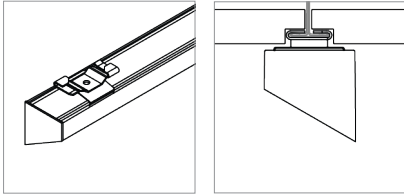
Clip (C)



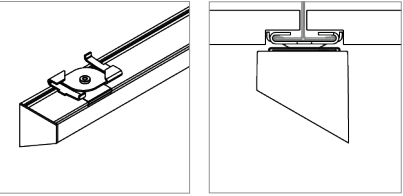
Clip with Micro J-Box (CM)



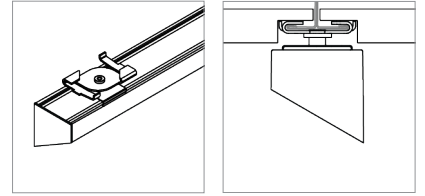
Magnet with Tape-On Metal Strip (T)



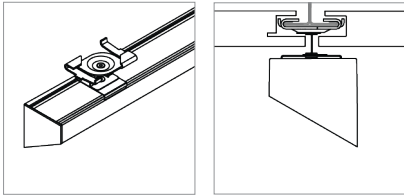
9/16" T-Bar Clip, low profile (T1)



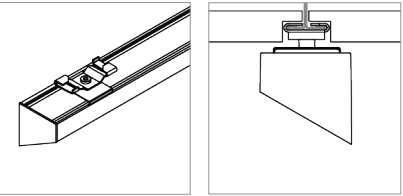
15/16" T-Bar Clip, low profile (T2)



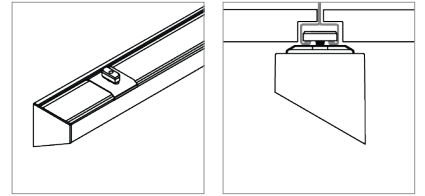
15/16" T-Bar Clip, medium profile (T3)



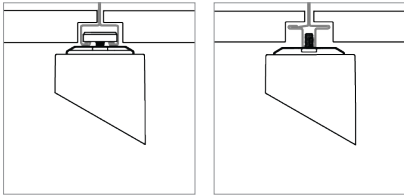
15/16" T-Bar Clip, concealed (T4)



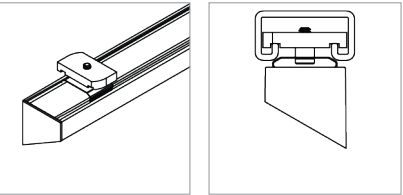
9/16" T-Bar Clip, medium profile (T5)



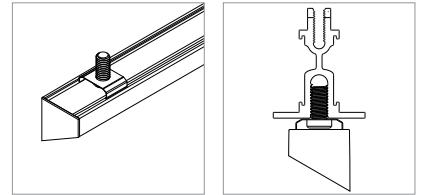
Slotted T-Bar Clip (T6)



Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



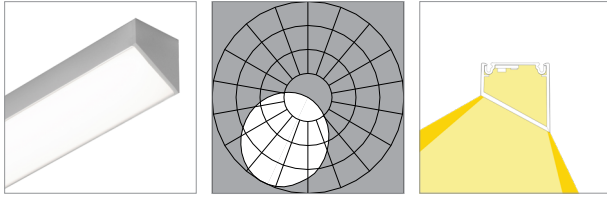
Armstrong DynaMax (DM)

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

Performance | Zipper LED

Zipper Board has 72 diodes per foot (305mm). Testing based on a 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

Square 3535/30, Soft Wash, white finish (A3-WH)



L80 >60,000 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	89	92	94	94	77	79	81	82
Lumens per foot (305mm)	329	340	347	347	284	293	299	302
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	4	3.8

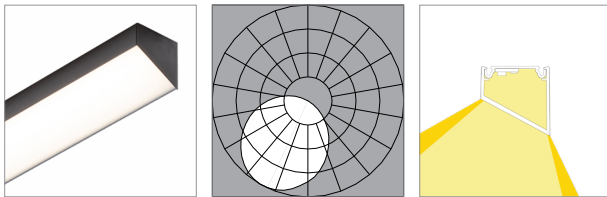
Standard Output (SO)

Efficacy - Lumens per Watt	101	105	107	107	88	90	92	93
Lumens per foot (305mm)	658	679	693	693	568	585	597	603
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	100	104	106	106	87	89	91	92
Lumens per foot (305mm)	988	1019	1040	1040	851	878	896	905
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3535/30, Soft Wash, black finish (A3-BL)



L80 >60,000 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	77	79	81	81	66	68	70	70
Lumens per foot (305mm)	284	293	299	299	245	252	257	260
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	4	3.8

Standard Output (SO)

Efficacy - Lumens per Watt	87	90	92	92	76	78	80	80
Lumens per foot (305mm)	567	585	597	597	489	504	515	520
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5

High Output (HO)

Efficacy - Lumens per Watt	87	89	91	91	75	77	79	79
Lumens per foot (305mm)	851	878	896	896	734	757	772	780
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9