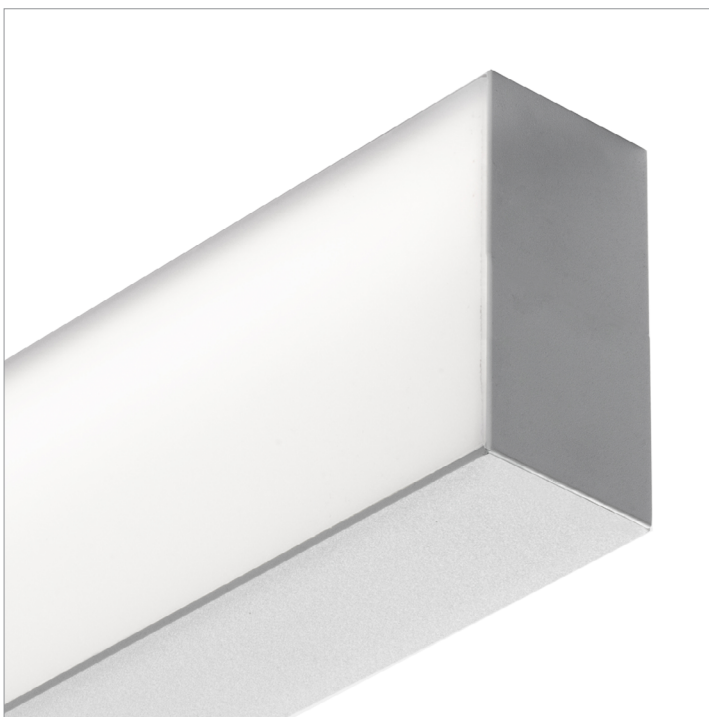




Spec Guide

ZipTwo® | Square 3570 | 707

Direct lighting for open office and ambient applications.



Square 3570, Side Diffuse, white

Benefits & Features

Minimal Profile, Robust Design

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

Superior Light Quality & Performance

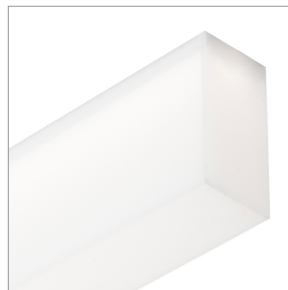
Output up to 1540 lm/ft (4318 lm/m) (HO), 158 lm/W (SO). 80 or 90 CRI & tunable white (2200K-5000K) available.

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.

Extensive Optics

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



Square 3570, Diffuse, white



Square 3570, Single Side Diffuse, Black

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>Corners and Shapes Available. See Corners and Shapes Guide for more details.</i>	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) <i>See Rail Length Chart for more details</i>	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)	0 None

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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	0 No Emergency Power ZZ Emergency Power (<i>specify requirements</i>)	Z Zipper Board™
RP25 25' (7.62m) Wire Harness RP50 50' (15.24m) Wire Harness RP75 75' (22.86m) Wire Harness RP100 100' (30.48m) Wire Harness	AE eldoLED 0-10v, 1.0% Dimming AT eldoLED 0-10v, 0.1% Dimming AD eldoLED DALI, 0.1% Dimming 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) <i>*See Power Guide for driver features & limitations.</i>			

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Lumen Output	Color Temperature	Optics	Sensors
LO Low Output SO Standard Output HO High Output* ZZ Other (please specify) <i>See IES Files page for details.</i> <i>*See Power Guide for driver features & limitations.</i>	80+ CRI 27 2700K 30 3000K 35 3500K 40 4000K 90+ CRI 279 2700K 309 3000K 359 3500K 409 4000K ZZ Tunable White Available See Guide for details	H6 Square 3570, Diffuse ¹ H9 Square 3570, Side Diffuse HA Square 3570, Single Side Diffuse	0 None ZZ Other (please specify) ²

▶▶	
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Finish	Options
WH White BL Black	0 None 9 9' 18/3 Cord and Plug CP Contact factory for Chicago Plenum

NOTES & LIMITATIONS

¹ Square 3570, Diffuse is only available in White Finish (WH).² Sensors available. Contact [Vode](#) for more information.³ RGBW 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



Square 3570, Side Diffuse



Square 3570, Side Diffuse



Square 3570, Diffuse

Structure

Rail Lengths	24" (610mm) - 144" (3658mm) See Rail Length Chart for more details.
Rail Dimensions	1.38" (35mm) x 2.83" (72mm). 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	0.38lbs per ft (0.17kg per 305mm). Power supply and housing not included.

Materials

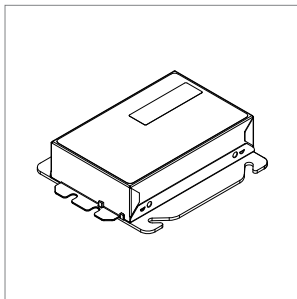
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, red list free.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free,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

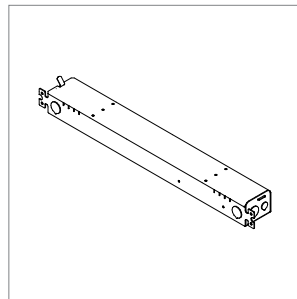
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



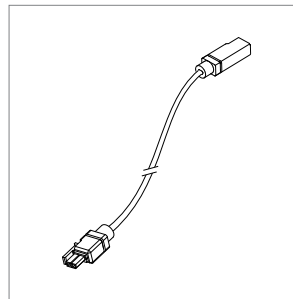
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

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

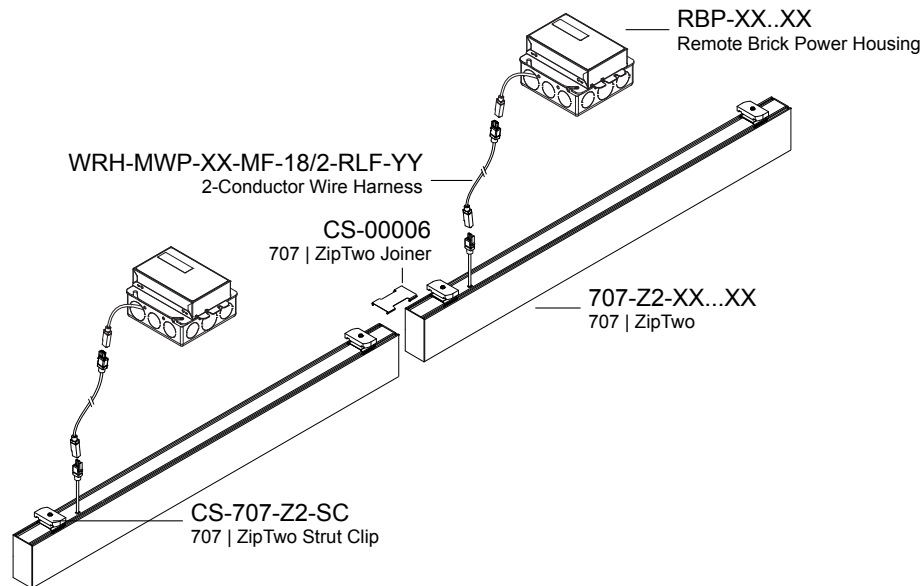


Wire harness connects driver to rail. Wire harness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

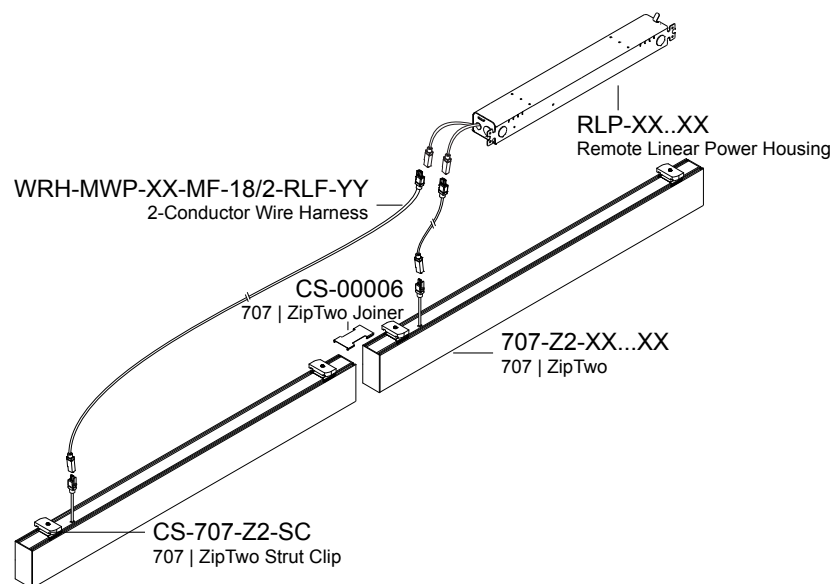
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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

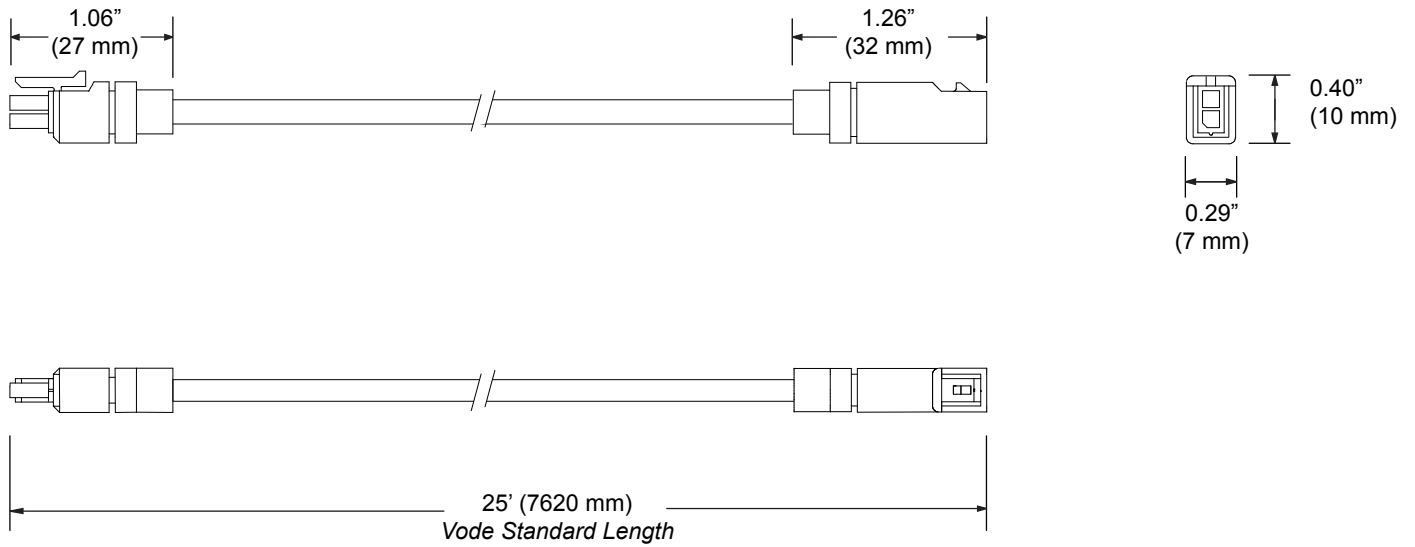


Note: Drawings not to scale, for reference only.

Power and Controls

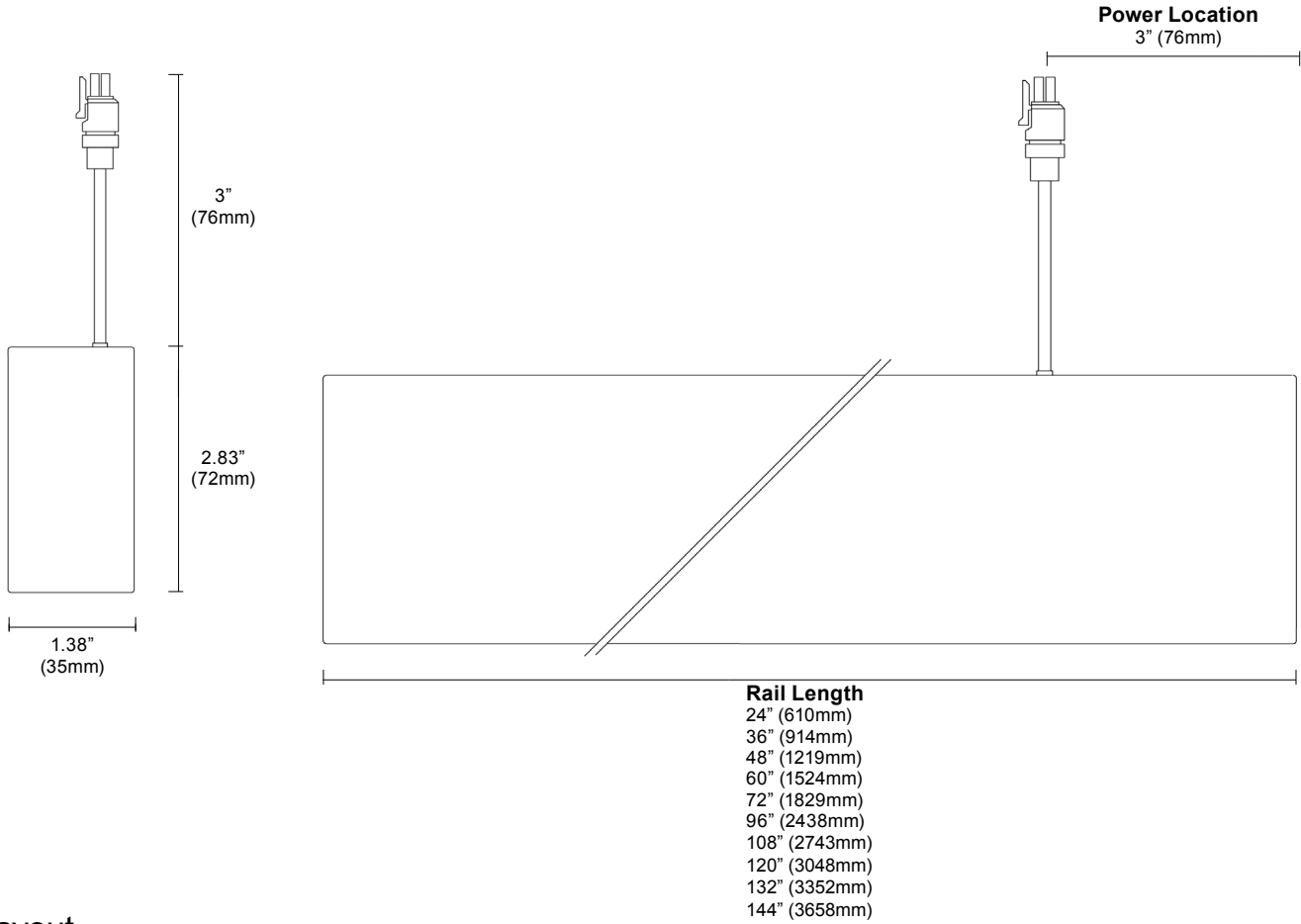
Wire Harness

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.

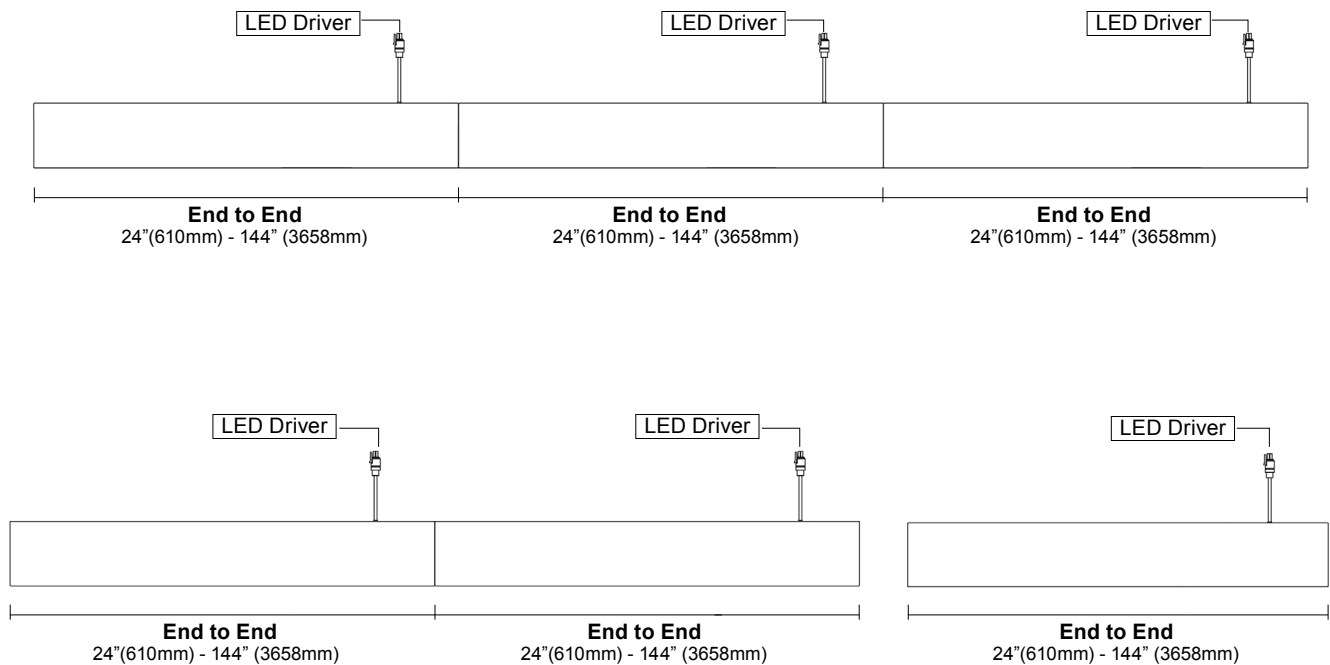


Note: Drawings not to scale, for reference only.

Dimensions



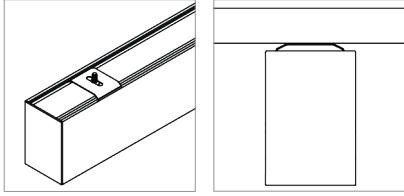
Layout



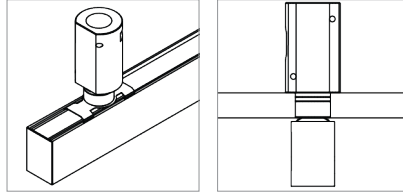
Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag)

[See Guide](#) for details

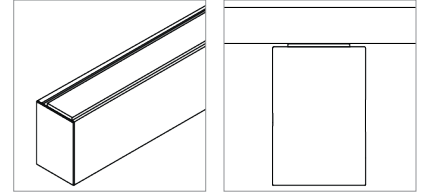
Mounting Options



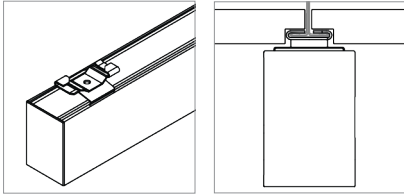
Clip (C)



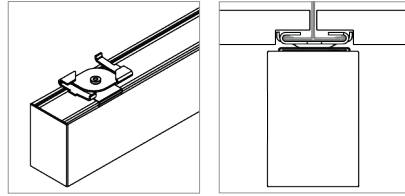
Clip with Micro J-Box (CM)



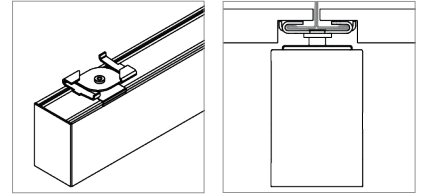
Magnet with Tape-On Metal Strip (T)



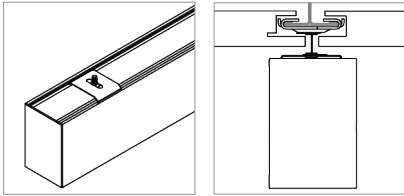
9/16" T-Bar Clip, low profile (T1)



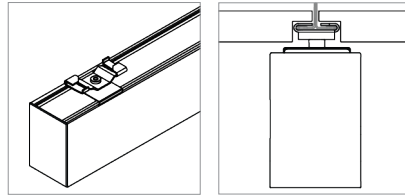
15/16" T-Bar Clip, low profile (T2)



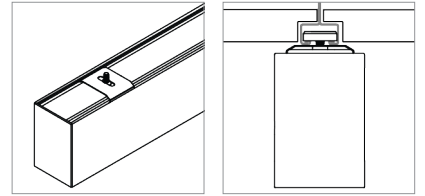
15/16" T-Bar Clip, medium profile (T3)



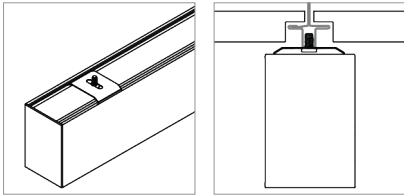
15/16" T-Bar Clip, concealed (T4)



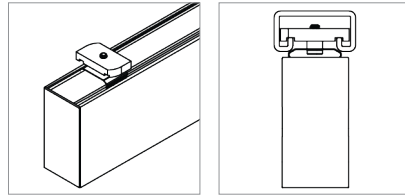
9/16" T-Bar Clip, medium profile (T5)



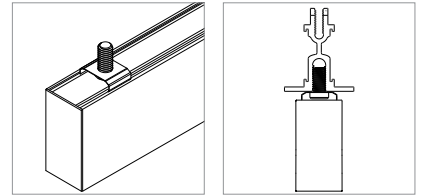
Slotted T-Bar Clip (T6)



Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



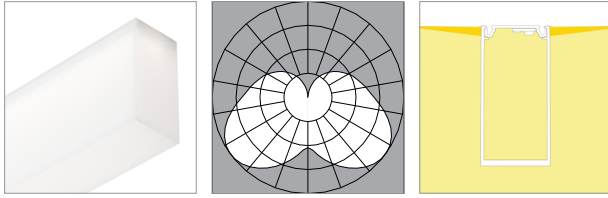
Armstrong DynaMax (DM)

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 3570, Diffuse, white finish (H6-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	132	136	138	138	113	117	119	121
Lumens per foot (305mm)	488	503	513	513	421	434	443	447
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

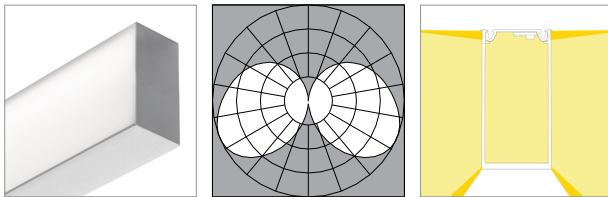
Standard Output (SO)

Efficacy - Lumens per Watt	150	155	158	158	129	133	136	137
Lumens per foot (305mm)	976	1006	1027	1027	841	868	885	894
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	149	153	156	156	128	132	135	136
Lumens per foot (305mm)	1463	1510	1540	1540	1262	1301	1328	1341
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)



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	122	126	128	128	105	109	111	112
Lumens per foot (305mm)	452	467	476	476	390	402	411	415
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	139	143	146	146	120	123	126	127
Lumens per foot (305mm)	905	933	952	952	780	805	821	829
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

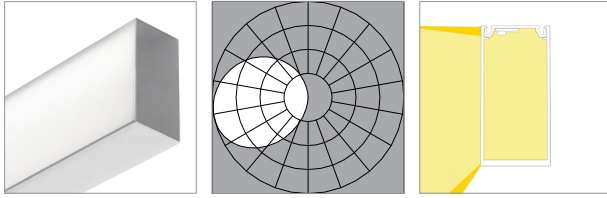
High Output (HO)

Efficacy - Lumens per Watt	138	142	145	145	119	123	125	126
Lumens per foot (305mm)	1357	1400	1429	1429	1170	1207	1232	1244
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

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.

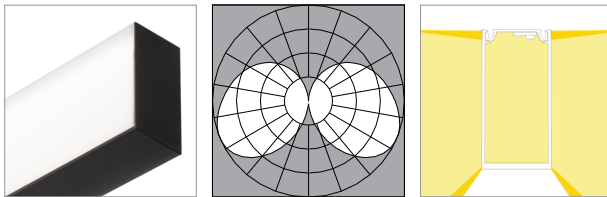
Square 3570, Single Side Diffuse, white finish (HA-WH)



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	100	103	105	105	86	89	91	91
Lumens per foot (305mm)	369	381	389	389	318	329	335	339
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	114	117	120	120	98	101	103	104
Lumens per foot (305mm)	739	762	778	778	637	657	670	677
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	113	116	118	118	97	100	102	103
Lumens per foot (305mm)	1108	1143	1167	1167	955	986	1006	1016
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)



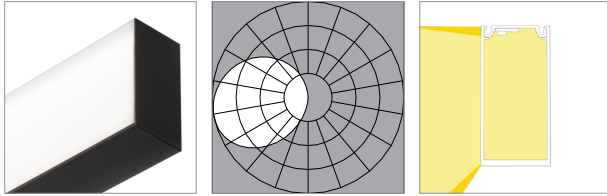
L80 >60,000 hours

	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	117	120	123	123	101	104	106	107
Lumens per foot (305mm)	433	447	456	456	373	385	393	397
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	133	137	140	140	115	118	121	122
Lumens per foot (305mm)	866	893	911	911	746	770	786	793
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	132	136	139	139	114	117	120	121
Lumens per foot (305mm)	1299	1340	1367	1367	1119	1155	1178	1190
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

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



L80 >60,000 hours

80 CRI (80min., 84 avg.)

Low Output (LO)

	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	94	97	99	99	81	83	85	86
Lumens per foot (305mm)	347	358	365	365	299	308	315	318
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

90 CRI (90min., 96 avg.)

Standard Output (SO)

	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	107	110	112	112	92	95	97	98
Lumens per foot (305mm)	694	716	730	730	598	617	630	636
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

High Output (HO)

	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	106	109	111	111	91	94	96	97
Lumens per foot (305mm)	1041	1074	1095	1095	897	925	944	954
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9