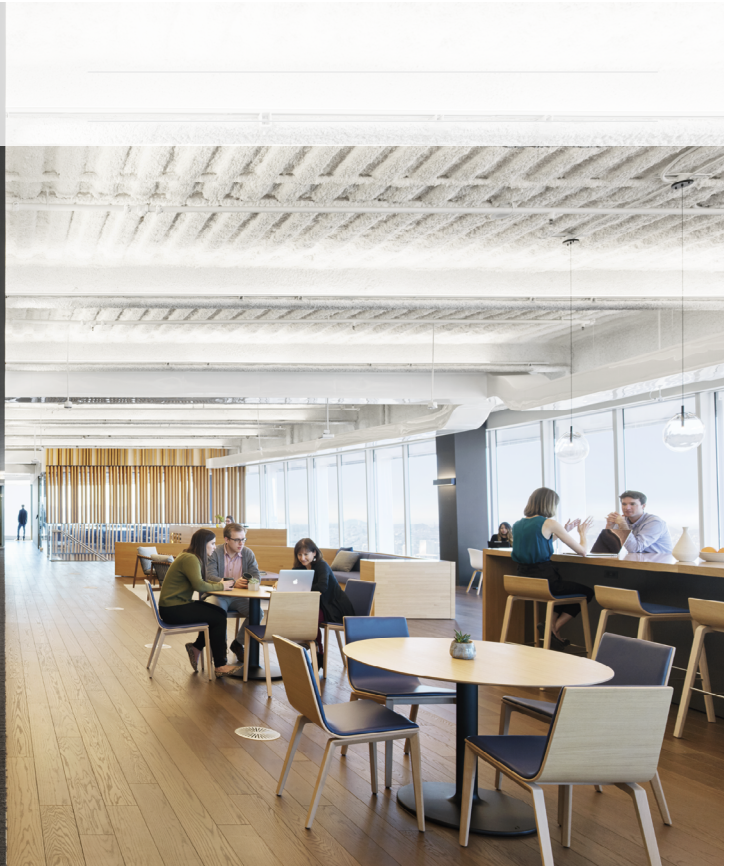




Adaptive architectural lighting systems



Spec Guide

ZipTwo® | Micro 3508 | 707

Direct lighting for open office, wall wash and grazing applications.



Micro 3508, 85° Asymmetric, white

Benefits & Features

Micro Profile, Robust Design

Flat profile. 1.38" (35mm) x 0.31" (8mm).

Superior Light Quality & Performance

Output up to 1575 lm/ft (5168 lm/m) (HO), 161 lm/W (HO). 80 or 90 CRI & tunable white (2200K-5000K) available.

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.

Better Optics & Beam Control

Options of Diffuse, 120°, 60°, 40° and 85° (asymmetric) lens for general illumination, grazing or wall wash. Excellent glare control with optical film and MicroBaffle™.



Micro 3508, 120° Symmetric, white



Micro 3508, 40° Symmetric, 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>Corner and Shapes Available</i> <i>See Guide for details</i>	24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) 108 108" (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

				Z
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Power Location	Power Type	Voltage	Emergency Power	LED Type
Remote Power RP25 25' (7.62m) Wire Harness RP50 50' (15.24m) Wire Harness RP75 75' (22.86m) Wire Harness RP100 100' (30.48m) Wire Harness	Flexible 1 to 1 Power 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) Optomized 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>	1 120v 2 120v-277v X Not Yet Specified	0 No Emergency Power ZZ Emergency Power (specify requirements)	Z Zipper Board™

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Lumen Output	Color Temperature	Optics	Sensors
LO Low Output SO Standard Output HO High Output ¹ 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 <i>See Guide for details</i>	A1 Micro 3508, 85° Asymmetric S1 Micro 3508, 40° Symmetric S2 Micro 3508, 60° Symmetric S3 Micro 3508, 120° Symmetric D3 Micro 3508, High Lumen ¹ D4 Micro 3508, High Lumen with MicroBaffle ¹	0 None ZZ Other (please specify) ²

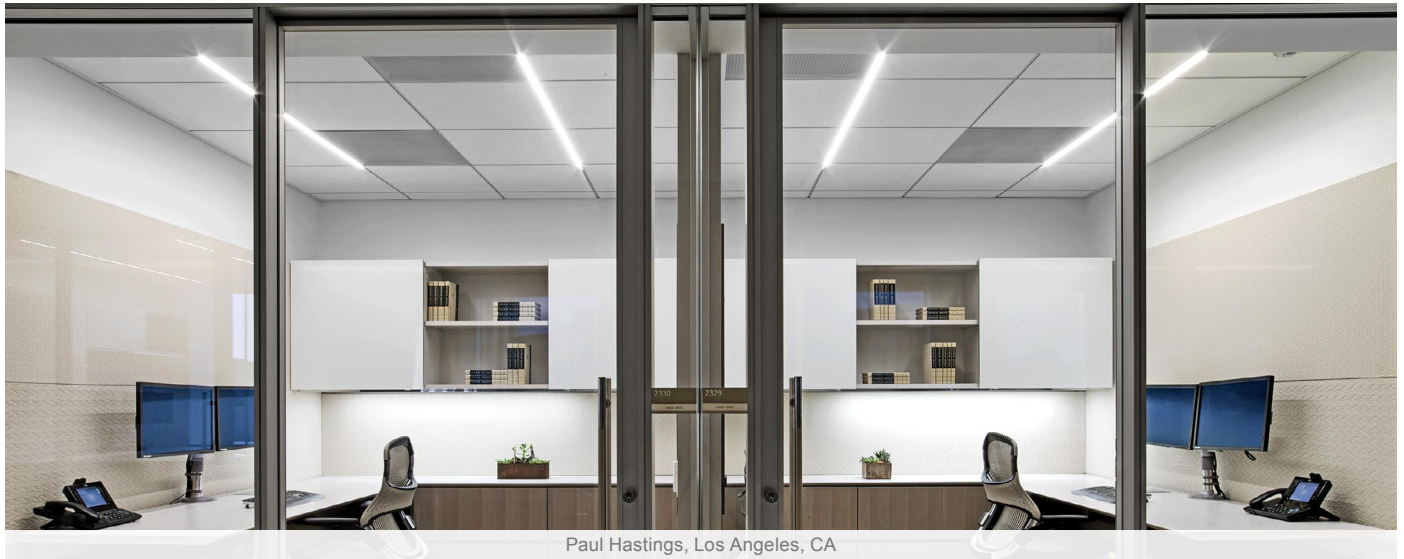
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Finish	Options
WH White BL Black	0 None 9 9' 18/3 Cord and Plug CP Contact factory for Chicago Plenum

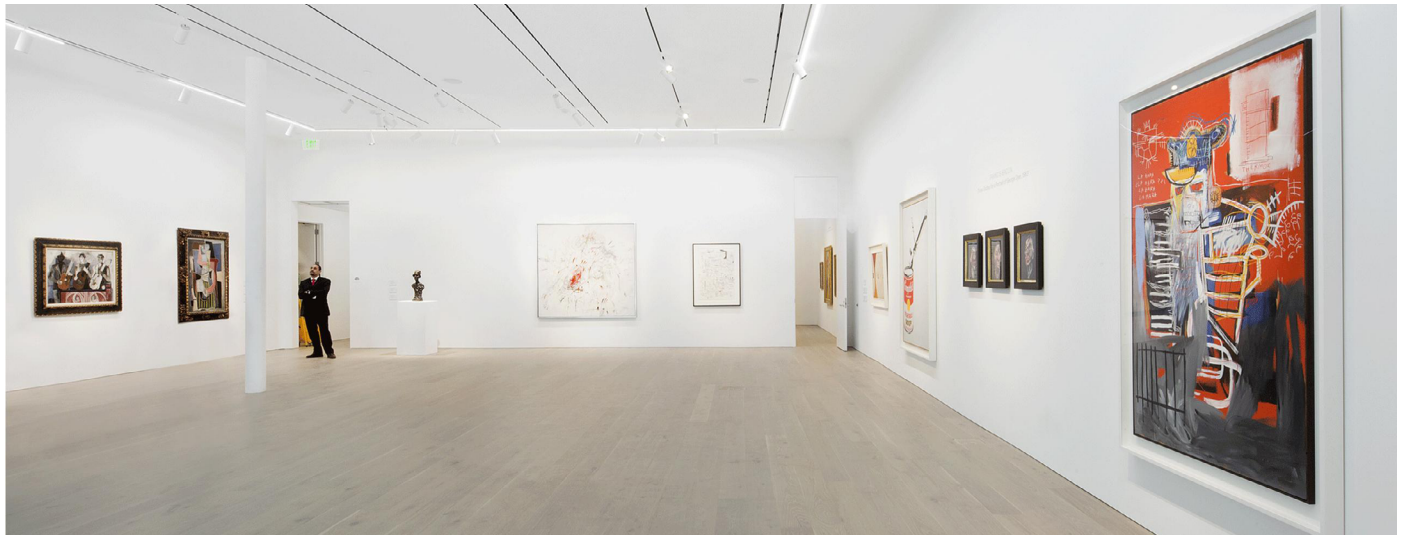
NOTES & LIMITATIONS
¹ High Lumen (D3) and High Lumen with MicroBaffle (D4) are only available in White Finish (WH).
² Sensors are available please contact [Vode](#) for more information.

Applications

General Interior and Open Office



Paul Hastings, Los Angeles, CA



Christie's Auction House, Los Angeles, CA



Booz Allen Hamilton, Washington, DC

Applications

General Interior and Open Office



Tuck Hinton Architects, Nashville, TN



Tech/Media Client, Seattle, WA

Structure

Rail Lengths	24" (610mm) - 144" (3658mm) See Rail Length Chart for more details.
Rail Dimensions	1.38" (35mm) x 0.31" (8mm). 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	0.15lbs per ft (0.07kg per 305mm). <i>Power supply and housing not included.</i>

Materials

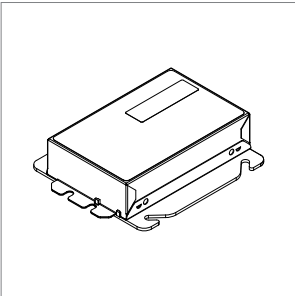
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 (<i>PVC free in 2020</i>)
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen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

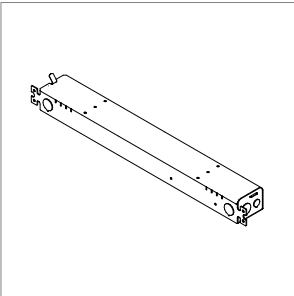
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



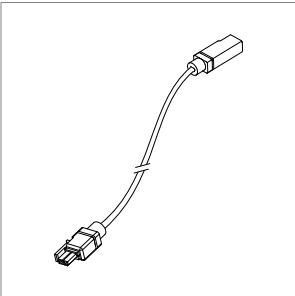
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

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

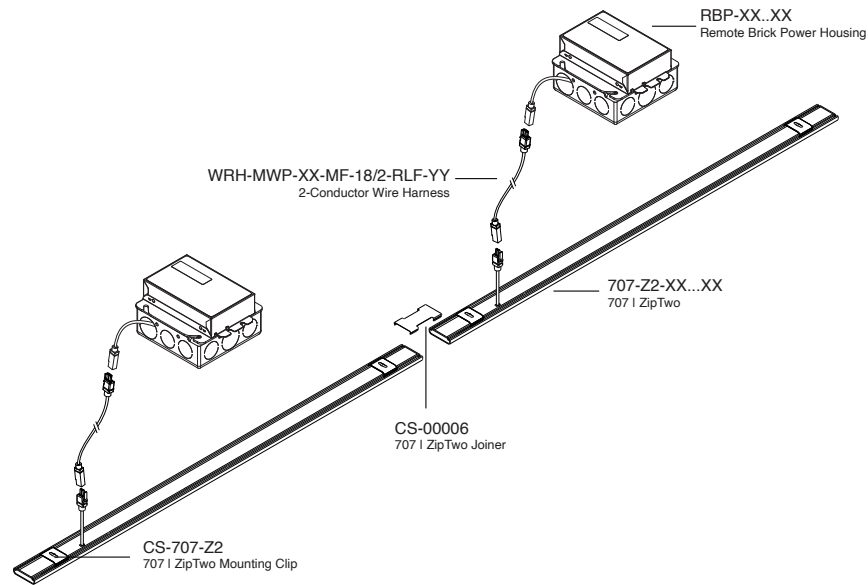


Wire harness connects driver to rail. Wire hareness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

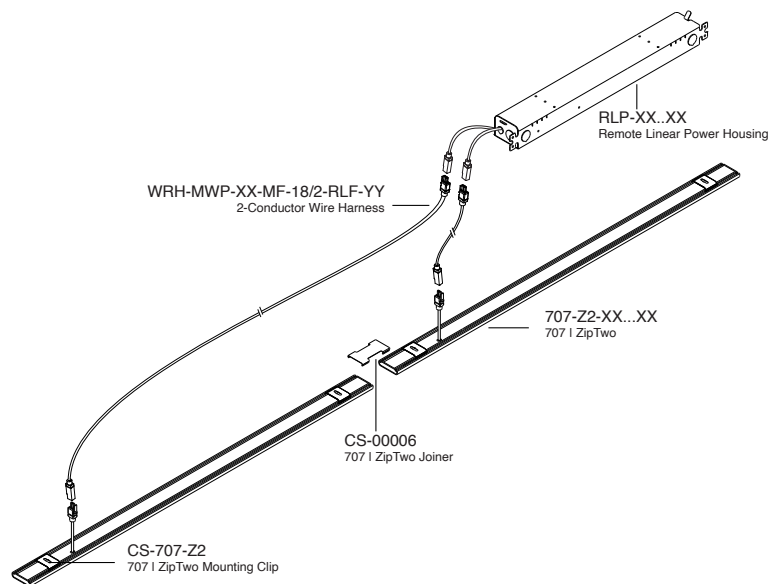
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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

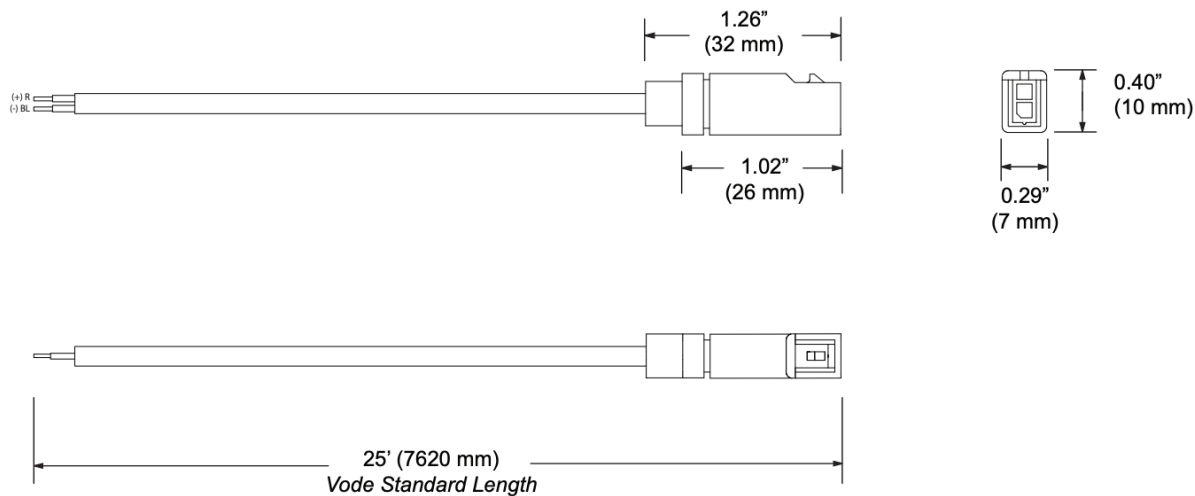


Note: Drawings not to scale, for reference only.

Power and Controls

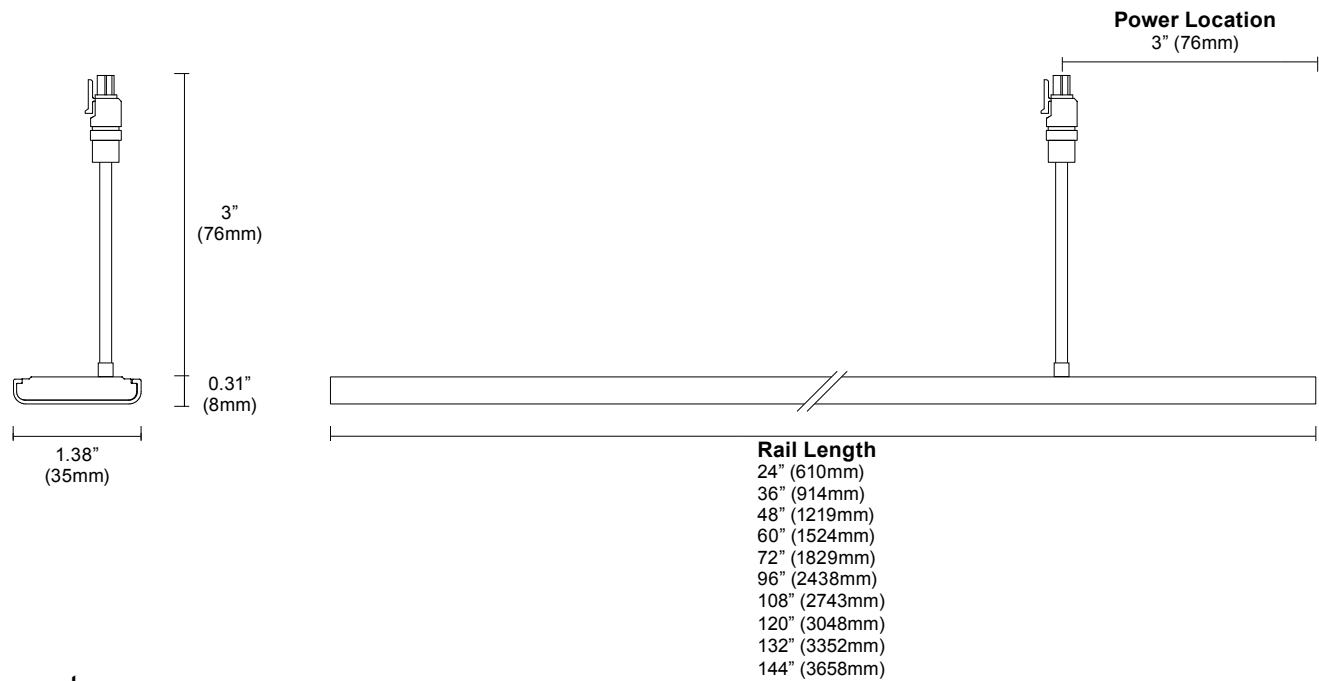
Wire Harness

Low voltage wire harness connects driver to rail. Wire hareness is 25' (7.6m) 18/2 AWG stranded wire with provided micro fit molex connectors on either end for quick and easy installation. Multiple haresses 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.

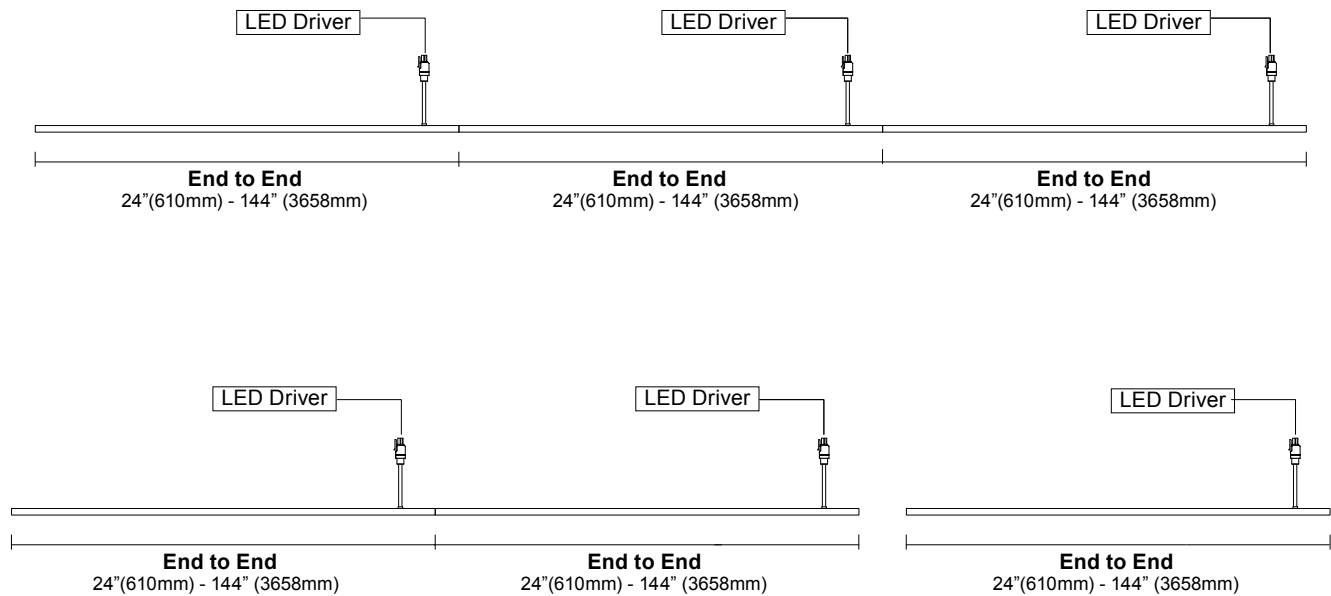


Note: Drawings not to scale, for reference only.

Dimensions



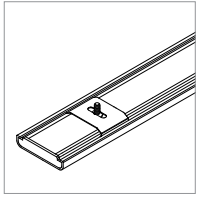
Layout



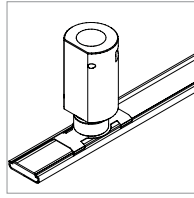
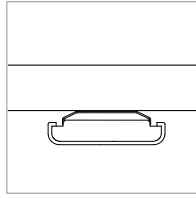
Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag)

[See Guide](#) for details

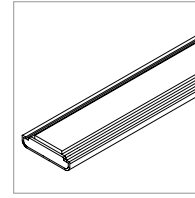
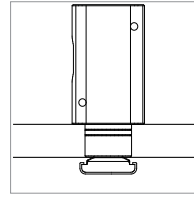
Mounting Options



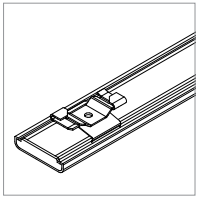
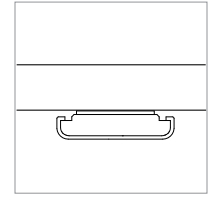
Clip (C)



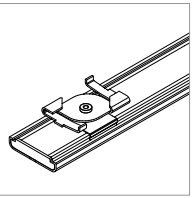
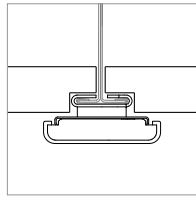
Clip with Micro J-Box (CM)



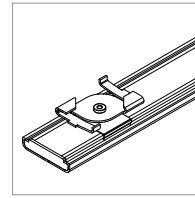
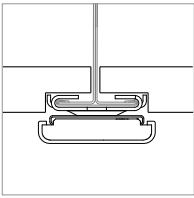
Magnet with Tape-On Metal Strip (T)



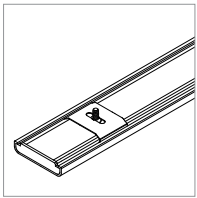
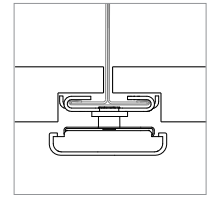
9/16" T-Bar Clip, low profile (T1)



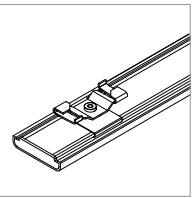
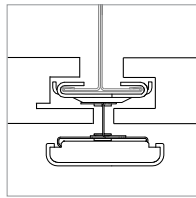
15/16" T-Bar Clip, low profile (T2)



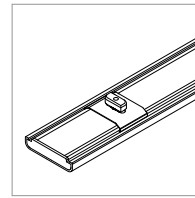
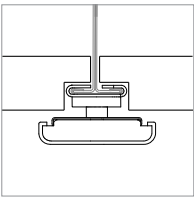
15/16" T-Bar Clip, medium profile (T3)



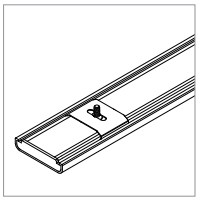
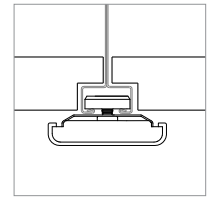
15/16" T-Bar Clip, concealed (T4)



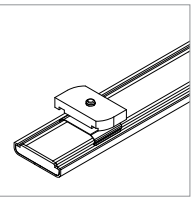
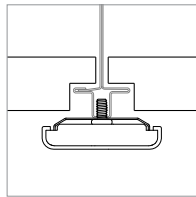
9/16" T-Bar Clip, medium profile (T5)



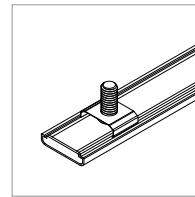
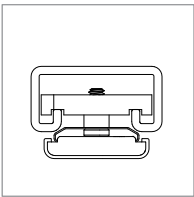
Slotted T-Bar Clip (T6)



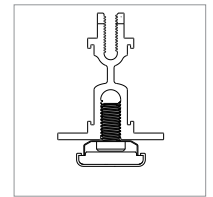
Dimensional T-Bar Clip (T7)



Strut Channel Clip (SC)



Armstrong DynaMax (DM)

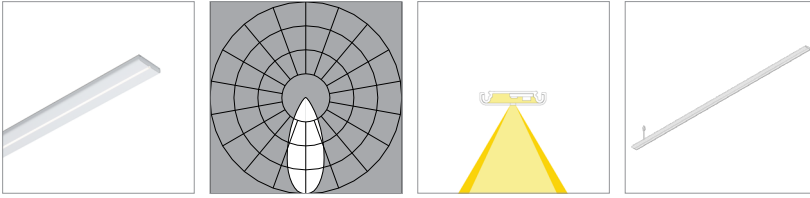


See [ZipTwo Clip Guide](#) to check compatibility.

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.

Micro 3508, 40° Symmetric, white finish (S1-WH)



L80 >60,000 hours

80 CRI (80min., 84 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	52	54	55	55	45	47	48	48
Lumens per foot (305mm)	193	199	203	203	167	172	175	177
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	4	3.8

90 CRI (90min., 96 avg.)

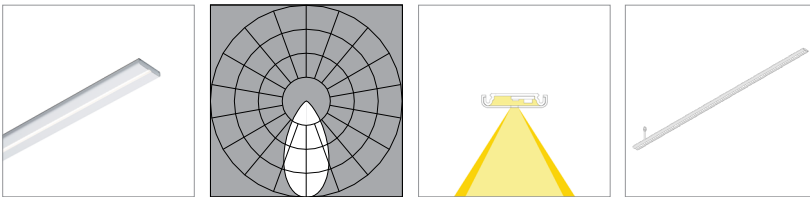
Standard Output (SO)

Efficacy - Lumens per Watt	60	62	63	63	52	53	54	55
Lumens per foot (305mm)	386	399	407	407	333	344	351	354
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	59	61	62	62	51	53	54	54
Lumens per foot (305mm)	580	598	610	610	500	515	526	531
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Micro 3508, 60° Symmetric, white finish (S2-WH)



L80 >60,000 hours

80 CRI (80min., 84 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	80	83	84	84	69	71	73	74
Lumens per foot (305mm)	297	306	312	312	256	264	269	272
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)

Efficacy - Lumens per Watt	91	94	96	96	79	81	83	84
Lumens per foot (305mm)	594	612	625	625	512	528	539	544
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

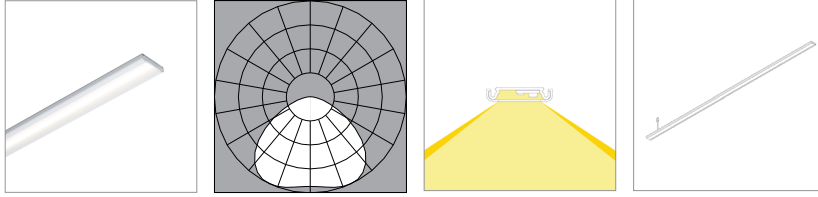
High Output (HO)

Efficacy - Lumens per Watt	91	93	95	95	78	81	82	83
Lumens per foot (305mm)	890	919	937	937	768	792	808	816
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper LED Continued

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.

Micro 3508, 120° Symmetric, white finish (S3-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		115	119	121	121	99	103	105	106
Lumens per foot (305mm)		427	441	450	450	368	380	388	391
Watts per foot (305mm)		3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

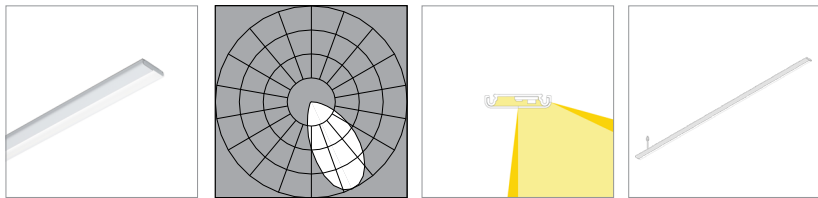
Standard Output (SO)

Efficacy - Lumens per Watt	130	134	137	137	113	117	119	121
Lumens per foot (305mm)	854	881	899	899	736	760	775	783
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	130	134	137	137	112	116	118	119
Lumens per foot (305mm)	1281	1322	1349	1349	1105	1139	1163	1174
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Micro 3508, 85° Asymmetric, white finish (A1-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		64	66	67	67	55	57	58	58
Lumens per foot (305mm)		236	243	248	248	203	209	214	216
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	73	75	76	76	63	65	66	67
Lumens per foot (305mm)	471	486	496	496	406	419	427	432
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5

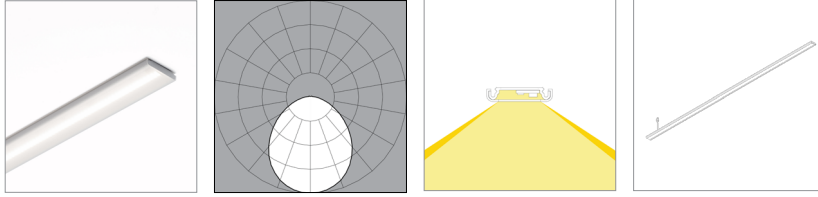
High Output (HO)

Efficacy - Lumens per Watt	72	74	76	76	62	64	65	66
Lumens per foot (305mm)	707	729	744	744	609	628	641	648
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper LED Continued

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.

Micro 3508, High Lumen, white finish (D3-WH)



L80 >60,000 hours

	2700K	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K		2700K	3000K	3500K	4000K
Low Output (LO)									
Efficacy - Lumens per Watt	130	134	137	137		112	115	118	119
Lumens per foot (305mm)	481	496	506	506		415	428	437	441
Watts per foot (305mm)	3.8	3.8	3.8	3.8		3.8	3.8	3.8	3.8

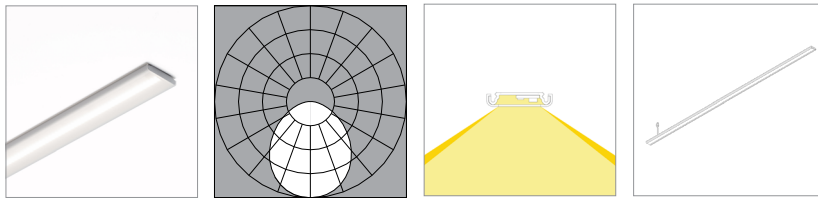
Standard Output (SO)

Efficacy - Lumens per Watt	148	153	157	156		127	131	134	135
Lumens per foot (305mm)	962	993	1013	1013		829	856	873	882
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	146	151	154	154		126	130	133	134
Lumens per foot (305mm)	1443	1489	1519	1519		1244	1284	1310	1323
Watts per foot (305mm)	9.9	9.9	9.9	9.9		9.9	9.9	9.9	9.9

Micro 3508, High Lumen with MicroBaffle, white finish (D4-WH)



L80 >60,000 hours

	2700K	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
		3000K	3500K	4000K		2700K	3000K	3500K	4000K
Low Output (LO)									
Efficacy - Lumens per Watt	116	119	122	122		100	103	105	106
Lumens per foot (305mm)	428	442	451	451		369	381	389	393
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	132	136	139	139		114	117	120	121
Lumens per foot (305mm)	857	884	902	902		739	762	777	785
Watts per foot (305mm)	6.6	6.6	6.6	6.6		6.6	6.6	6.6	6.6

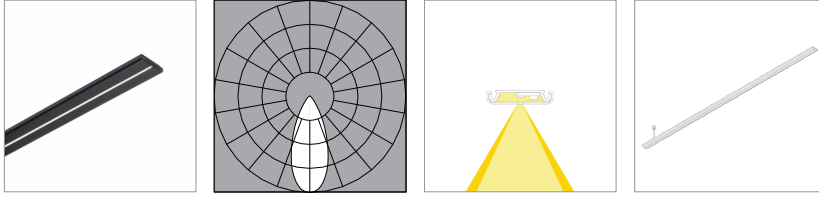
High Output (HO)

Efficacy - Lumens per Watt	130	135	137	137		113	116	118	120
Lumens per foot (305mm)	1285	1326	1353	1353		1108	1143	1166	1178
Watts per foot (305mm)	9.9	9.9	9.9	9.9		9.9	9.9	9.9	9.9

Performance | Zipper LED Continued

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.

Micro 3508, 40° Symmetric, black finish (S1-BL)



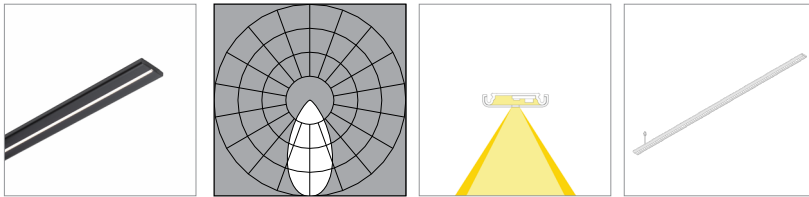
L80 >60,000 hours

	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	38	39	40	40	33	34	34	35
Lumens per foot (305mm)	139	143	146	146	120	123	126	127
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	43	44	45	45	37	38	39	39
Lumens per foot (305mm)	278	286	292	292	239	247	252	254
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
CRI								

High Output (HO)								
Efficacy - Lumens per Watt	43	44	45	45	37	38	39	39
Lumens per foot (305mm)	416	429	438	438	359	370	378	382
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
CRI								

Micro 3508, 60° Symmetric, black finish (S2-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	54	55	56	56	46	48	49	49
Lumens per foot (305mm)	198	204	208	208	171	176	180	181
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

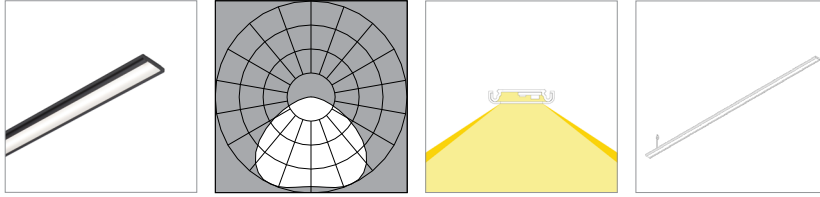
Standard Output (SO)								
Efficacy - Lumens per Watt	61	63	64	64	53	55	56	56
Lumens per foot (305mm)	396	408	417	417	341	352	359	363
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.5	6.5	6.5	6.5

High Output (HO)								
Efficacy - Lumens per Watt	61	62	64	64	52	54	55	56
Lumens per foot (305mm)	594	613	625	625	512	528	539	544
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper LED Continued

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.

Micro 3508, 120° Symmetric, black finish (S3-BL)



L80 >60,000 hours

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	112	115	118	118	88	91	93	94
Lumens per foot (305mm)	414	428	436	436	357	369	376	380
Watts per foot (305mm)	3.8	3.8	3.8	3.8	4.1	4.1	4.1	4.1

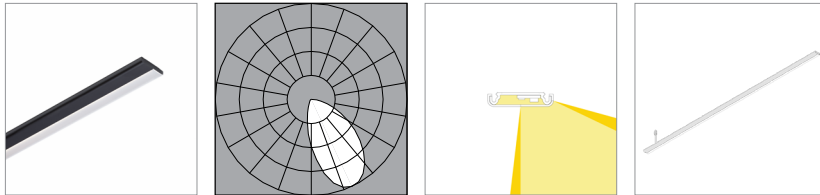
Standard Output (SO)

Efficacy - Lumens per Watt	128	132	134	134	110	113	116	117
Lumens per foot (305mm)	829	855	873	873	715	737	752	760
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	126	130	133	133	109	112	115	116
Lumens per foot (305mm)	1243	1283	1309	1309	1072	1106	1128	1140
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Micro 3508, 85° Asymmetric, black finish (A1-BL)



L80 >60,000 hours

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
Low Output (LO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	36	37	38	38	31	32	32	33
Lumens per foot (305mm)	131	135	138	138	113	116	119	120
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	41	42	43	43	35	36	37	37
Lumens per foot (305mm)	262	270	276	276	226	233	238	240
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	40	42	42	42	35	36	37	37
Lumens per foot (305mm)	393	405	414	414	339	349	357	360
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

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