



Spec Guide

ZipTwo® | Square 3555 | Ceiling Cable | 707

Direct lighting for open office and ambient applications.



Square 3555, Diffuse, white

Benefits & Features

Minimal Profile, Robust Design

Square profile. 1.38" (35mm) x 2.13" (54mm).

Superior Light Quality & Performance

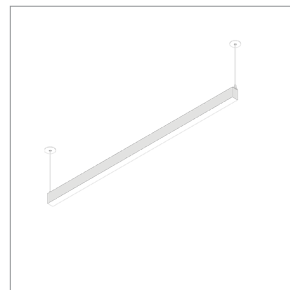
Output up to 1538 lm/ft (5044 lm/m) (HO), 156 lm/W HO. 80 or 90 CRI & tunable white (2200K-5000K) available.

Adaptive Power

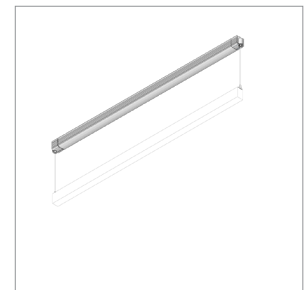
Full range dimming power for all protocols. Integral or remote power available. Remote power available up to 100' (30.5m) away.

Extensive Optics

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



Small Round Canopy



Integral Power

Build Your Specification

707-Z2	S			CC	0	»
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System & Rail Type	System Type	System Length	Rail Length	Mounting	Arm/Cord Length
707-Z2 ZipTwo	S Suspended	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" (2743 mm) 120 120" (3048 mm) 132 132" (3352 mm) 144 144" (3658 mm) ZZ Other rail length or layout (please specify)	CC Ceiling Cable	48 48" cord (1219mm) 96 96" cord (2438mm) ZZ Other (please specify)

See [Rail Length Chart](#) for more details

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Power Location	Power Type	Voltage	Emergency Power	LED Type
Integral Power IP Integral Power Small Round Canopy 2R25 25' (76.2m) Wire Harness 2R50 50' (15.24m) Wire Harness 2R75 75' (22.9m) Wire Harness 2R100 100' (30.5m) 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, 100-0.1% 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)	1 120v 2 120v-277v X Not Yet Specified	0 No Emergency Power ZZ Emergency Power <i>(specify requirements)</i>	Z Zipper Board™

*See [Power Guide](#) for driver features & limitations.

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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> *See Power Guide for driver features & limitations.	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	J6 Square 3555, Diffuse ¹ J9 Square 3555, Side Diffuse JA Square 3555, Single Side Diffuse	0 None ZZ Other (please specify) ²

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Finish	Options
WH White	0 None
BL Black	9 9' 18/3 Cord and Plug

NOTES & LIMITATIONS

¹ Square 3555, Diffuse is only available in White Finish (WH).

² Sensors available. Contact [Vode](#) for more information.

Contact factory for Chicago Plenum

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 3555, Critical Edge



Square 3555, Critical Edge



Square 3555, Critical Edge

Structure

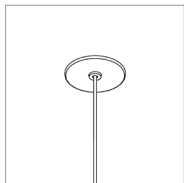
Rail Lengths	24" (610mm) - 144" (3658mm) See Rail Length Chart for more details
Rail Dimensions	1.38" (35mm) x 2.82" (72mm). See <i>dimensions section, page 7, for details</i>
Construction	Extruded and machined 6063 aluminum
Mounting	Ceiling mount to jbox or driver housing
Cable Length	48" (1220mm) and 96" (2438mm) available. Field adjustable. Non-standard cable lengths available.
System Run Length	24" (610mm) minimum. Unlimited maximum length
Operating Temperature	32°F to 104°F (0°C to 40°C)
Humidity	0-85%, non-condensing
System Weight	0.44 lbs per foot (0.20 kg per 305mm) power supply and housing not included

Materials

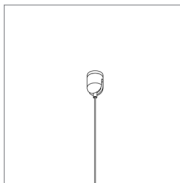
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant
Lens	High-impact extruded acrylic glass (PMMA).
Suspension Cable	Ø4mm, 22/4 AWG, TPE jacket, FEP-insulated, Red List Approved
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, Red List Approved
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant, Red List Approved.
Remote Linear Power Housing	20.7" x 2.375" x 2.53", 0.054" formed Galvanized Steel.
Remote Brick Power Housing	4.32" x 3.37" x .078" Galvanized Steel mounting plate
Integral Power Housing	extruded and machined 6063 aluminum
Center Cable Suspension	3/64" aircraft cable

Mounting Options

Remote Power

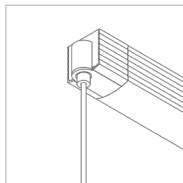


Small Round Canopy
Ø2.5" (51mm)

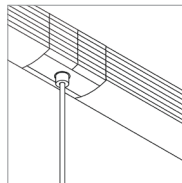


Center Support Cable
108" - 144" Rails Only
Center Support Cable for mounting to T-Bar tile available.

Integral Power (24"-72")

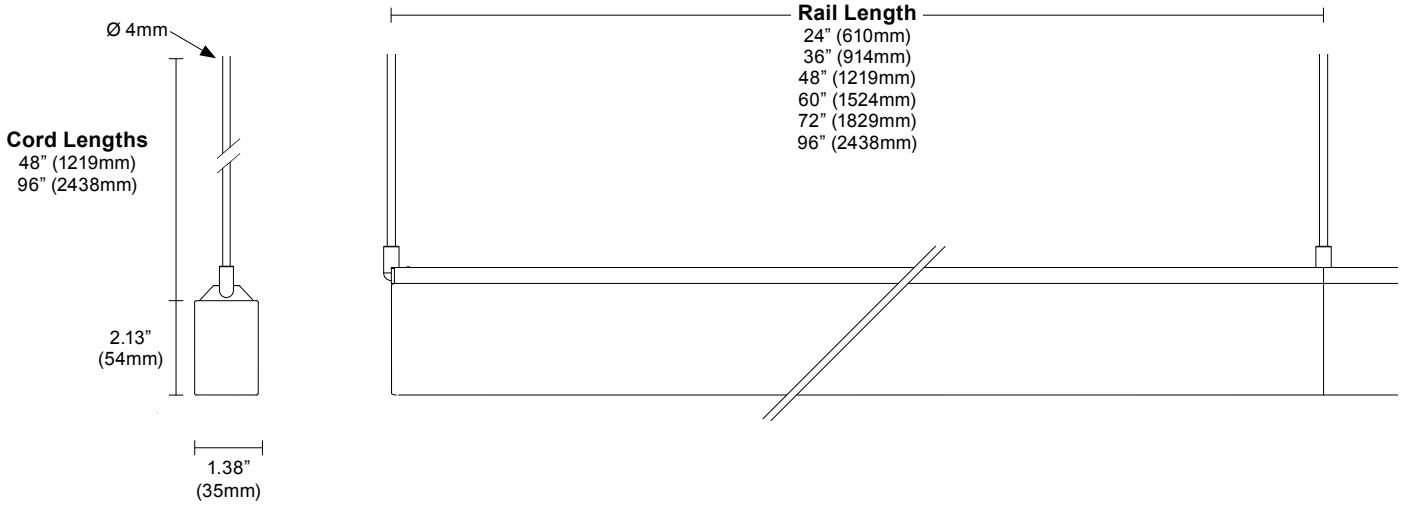


Integral Power (end)
h 1.8" (46mm)
w 1.7" (43mm)

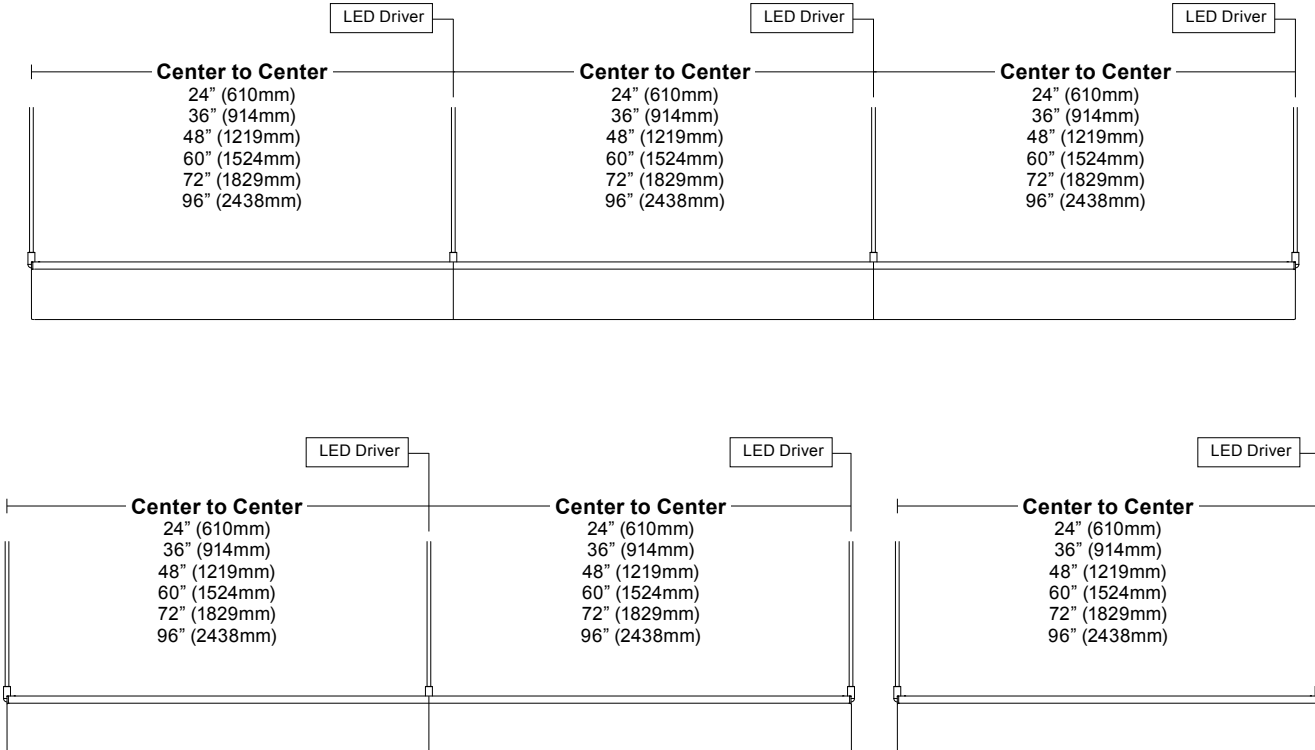


Integral Power (joint)

24" - 96" Rail Dimensions

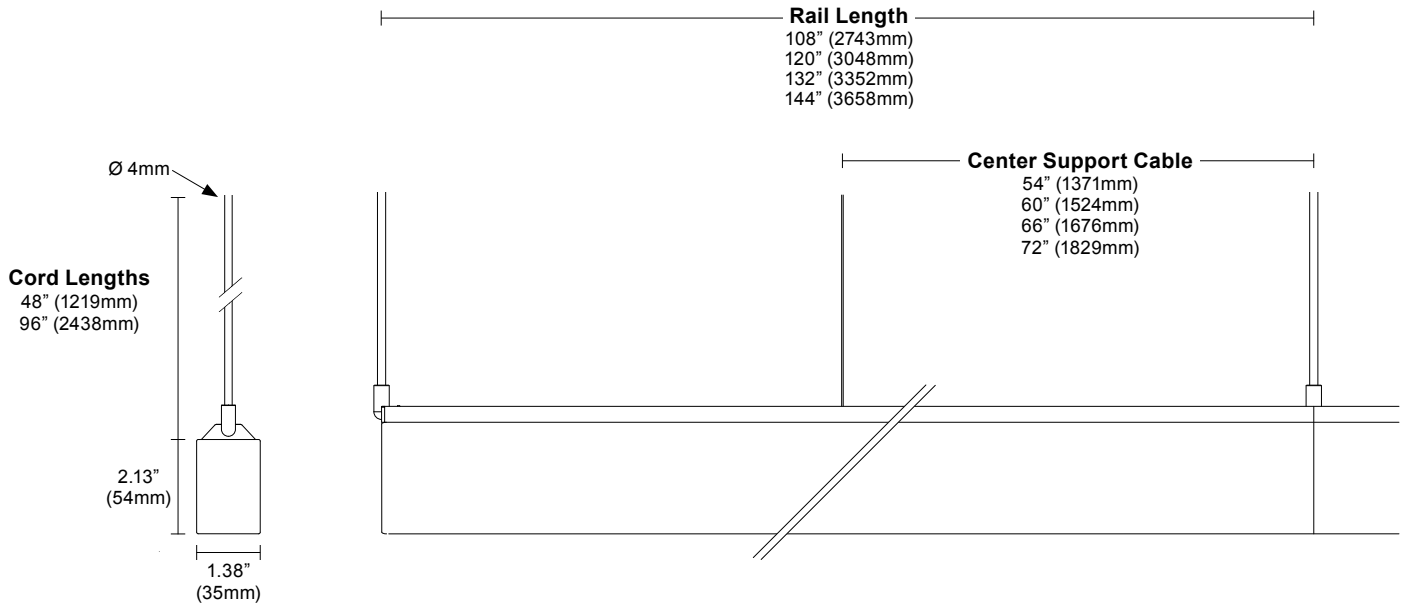


Layout

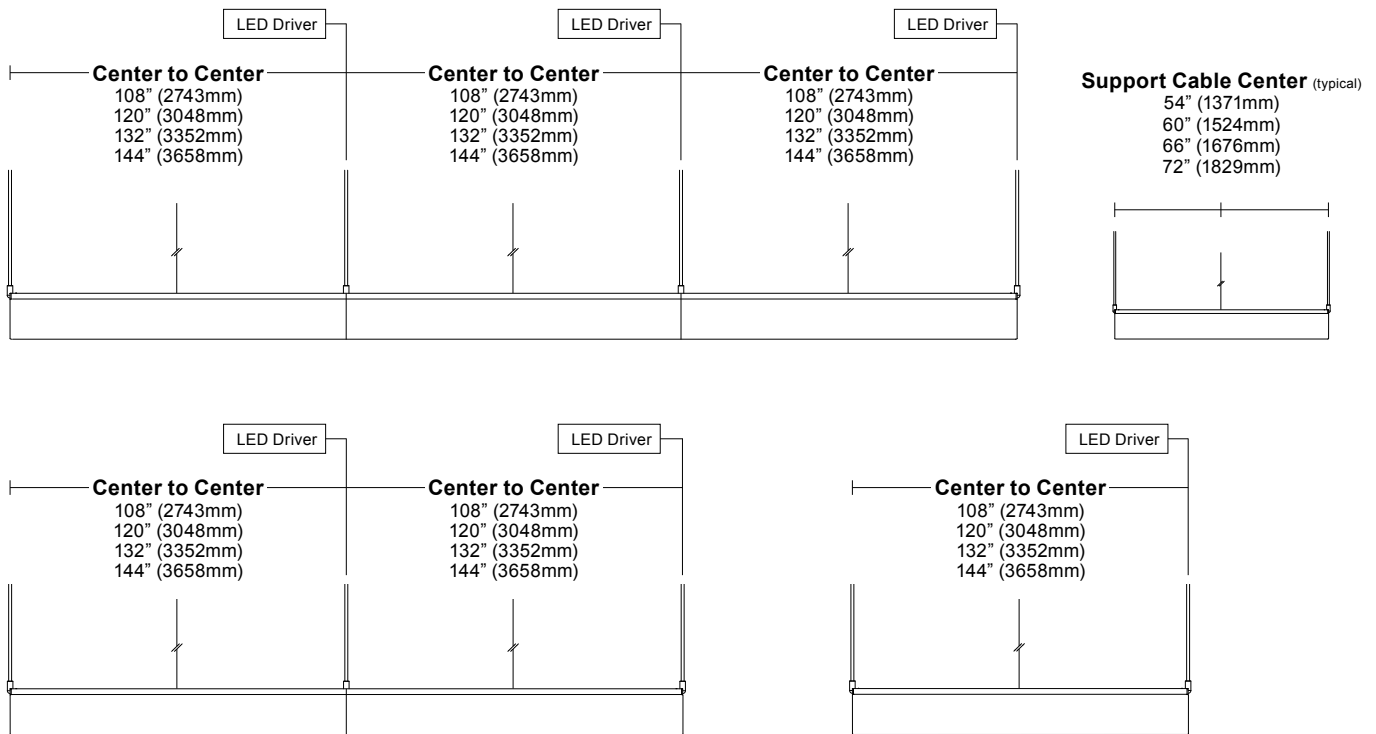


Corner and Shapes Available. See [Corners and Shapes Guide](#).

108" - 144" Rail Dimensions



Layout



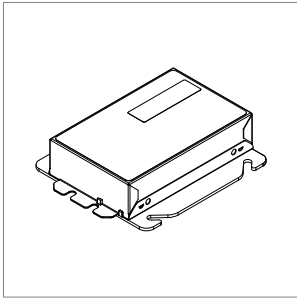
Corner and Shapes Available. See [Corners and Shapes Guide](#).

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.

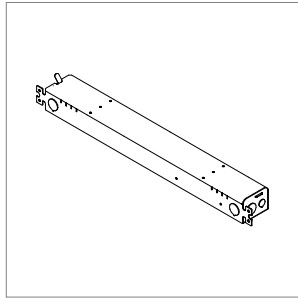
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



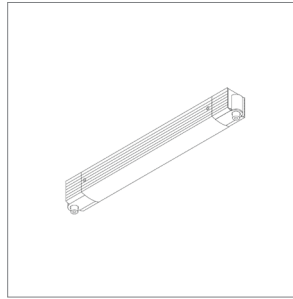
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



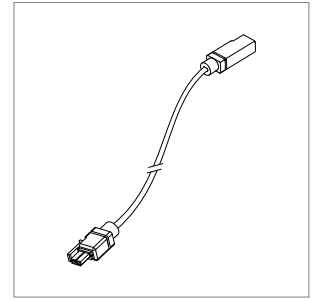
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

Integral Power



Houses integral power supply. Direct conduit feed is recommended, but integral power supply housing will mount to any standard North America 4" j-box. Mounts to most surfaces. Blocking is recommended at all arm junctions. See [Tech Sheet](#) for details.

Wire Harness

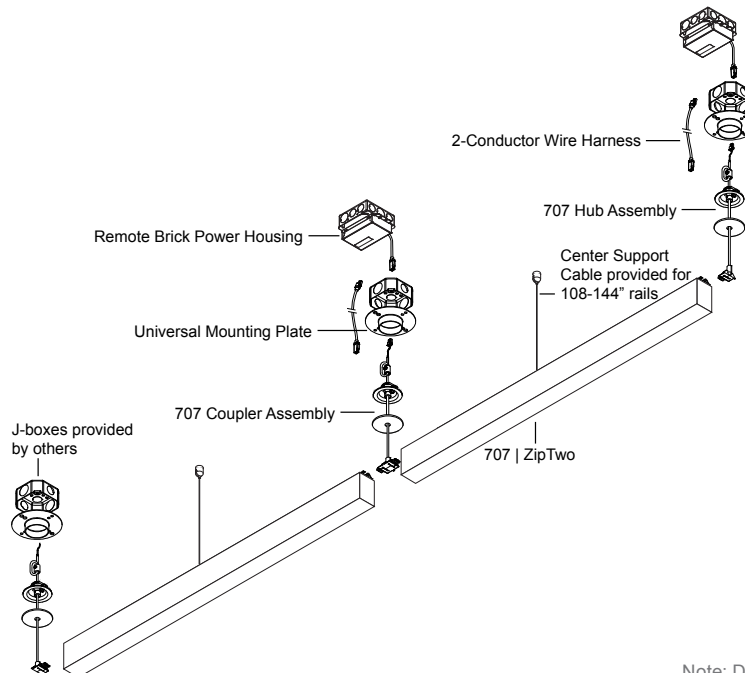


Wire harness connects driver to rail. Wire harness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Wire harnesses are also available in 50' (15m), 75' (22.9m), and 100' (30.5m). See [Tech Sheet](#) for details.

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.

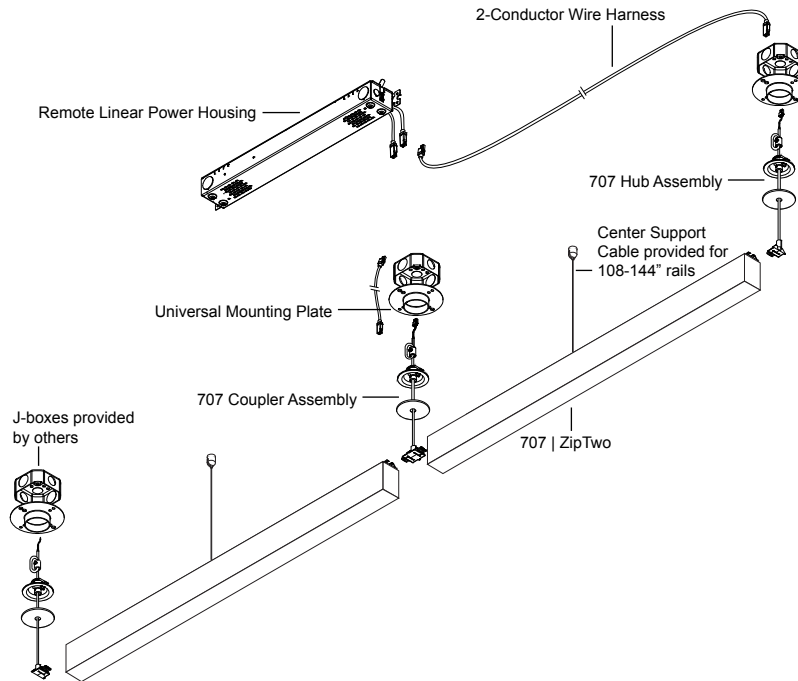


Note: Drawings not to scale, for reference only.

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.



Finish

White Painted Finish



White Rail, White Canopy/Integral Power, White Cable

Black Anodized Finish



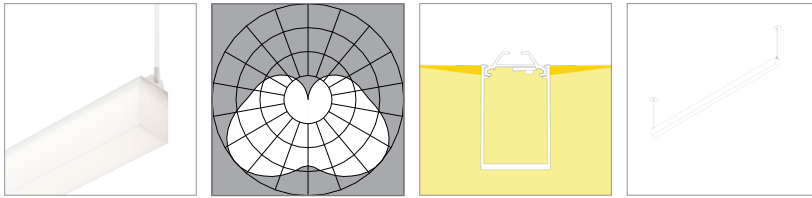
Black Rail, Black Canopy/Integral Power, Black Cable

Note: Drawings not to scale, for reference only.

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.

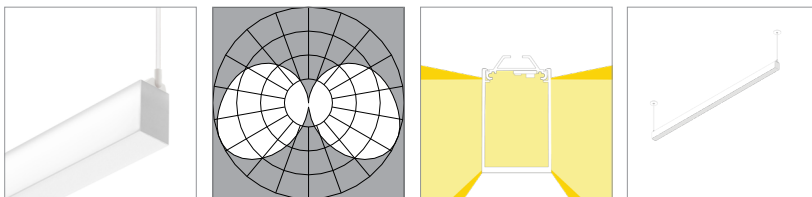
Square 3555, Diffuse, white finish (J6-WH)



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	131	135	138	138	113	117	119	120
Lumens per foot (305mm)	487	502	513	513	420	433	442	446
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	154	158	158	129	133	136	137
Lumens per foot (305mm)	974	1005	1025	1025	840	866	884	893
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	148	153	156	156	128	132	135	136
Lumens per foot (305mm)	1461	1507	1538	1538	1260	1299	1326	1339
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3555, Side Diffuse, white finish (J9-WH)



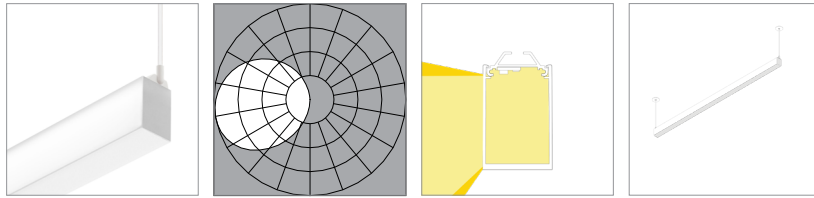
L80 >60,000 hours

	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	119	123	126	126	103	106	108	110
Lumens per foot (305mm)	443	457	466	466	382	394	402	406
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	136	140	143	143	117	121	123	125
Lumens per foot (305mm)	885	913	932	932	763	787	804	812
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	135	139	142	142	116	120	122	124
Lumens per foot (305mm)	1328	1370	1398	1398	1145	1181	1205	1217
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 3555, Single Side Diffuse, white finish (JA-WH)



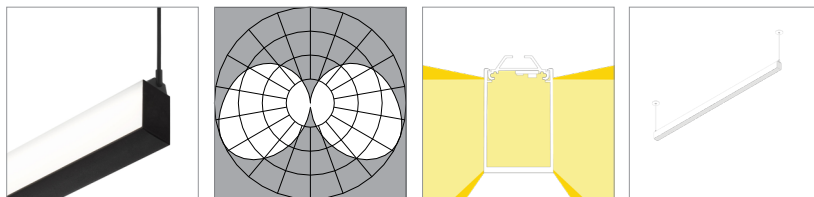
L80 >60,000 hours

	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	96	99	101	101	83	86	87	88
Lumens per foot (305mm)	356	367	375	375	307	316	323	326
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	110	113	115	115	94	97	99	100
Lumens per foot (305mm)	712	734	749	749	613	633	646	652
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	108	112	114	114	94	97	98	99
Lumens per foot (305mm)	1067	1101	1124	1124	920	949	969	978
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Square 3555, Side Diffuse, black finish (J9-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	100	103	105	105	86	89	91	91
Lumens per foot (305mm)	369	381	389	389	318	328	335	338
Watts per foot (305mm)	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8

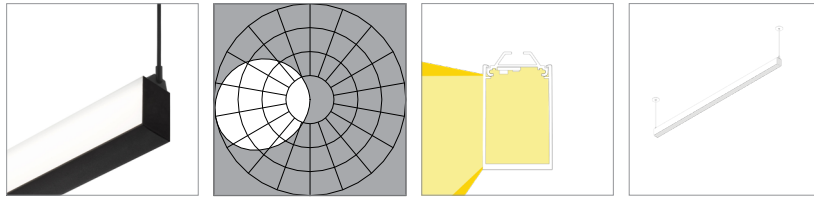
Standard Output (SO)								
Efficacy - Lumens per Watt	114	117	120	120	98	101	103	104
Lumens per foot (305mm)	739	762	777	777	637	657	670	677
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

High Output (HO)								
Efficacy - Lumens per Watt	113	116	118	118	97	100	102	103
Lumens per foot (305mm)	1108	1143	1166	1166	955	985	1005	1015
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 3555, Single Side Diffuse, black finish (JA-BL)



L80 >60,000 hours

80 CRI (80min., 84 avg.)

Low Output (LO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	75	78	79	79	65	67	68	69
Lumens per foot (305mm)	278	287	293	293	240	248	253	255
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	86	88	90	90	74	76	78	78
Lumens per foot (305mm)	557	574	586	586	480	495	505	510
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	85	88	89	89	73	76	77	78
Lumens per foot (305mm)	835	862	879	879	720	743	758	765
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

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