

ZipTwo[®] | Armstrong[®] DYNAMAX[™]



Benefits & Features

Data Center Ceiling & Lighting Solutions

Armstrong DYNAMAX ceiling system provides high strength point load attachments for data center cable trays and equipment.*

Vode ZipTwo seamlessly integrates with DYNAMAX ceilings, offering elegant and efficient lighting for an all in one data center solution.

Extensive Optics with Superior Performance

ZipTwo has 8 different profiles with 39 optics, and delivered lumens up to 1540 lm/ft**. Tunable white & 80 or 90 CRI available.

Easy installation, Certified for fit and finish.

Fixtures are fully supported by Armstrong DYNAMAX suspension system, covering seismic.

ZipTwo's Armstrong DYNAMAX clip installs inline with the DYNAMAX threaded main beam for a low profile lighting solution.

NOTES & LIMITATIONS

*Square 3570, Diffuse Lens (H6).

**See [Armstrong DYNAMAX](#) for more detail.

Build Your Specification

707-Z2	SL			DM	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> See Guide for details	24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 96 96" (2438mm) ZZ Other rail length or layout (please specify)	DM Armstrong DYNAMAX	0 None

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

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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	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.

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Lumen Output	Color Temperature	Optics	
LO Low Output	80+ CRI	Micro 3508	Square 3535
SO Standard Output	27 2700K	A1 Micro 3508, 85° Asymmetric	S5 Square 3535, Critical Edge
HO High Output ¹	30 3000K	S1 Micro 3508, 40° Symmetric	S6 Square 3535, Diffuse ¹
ZZ Other (please specify)	35 3500K	S2 Micro 3508, 60° Symmetric	S9 Square 3535, Side Diffuse
See IES Files page for details.	40 4000K	S3 Micro 3508, 120° Symmetric	SA Square 3535, Single Side Diffuse
*See Power Guide for driver features & limitations.	90+ CRI	D3 Micro 3508, Diffuse ¹	Square 3535/30
	279 2700K	D4 Micro 3508, Diffuse ¹ with MicroBaffle	A3 Square 3535/30, Soft Wash
	309 3000K	Round 3515	Square 3555
	359 3500K	S4 Round 3515, Diffuse ¹	J6 Square 3555, Diffuse ¹
	409 4000K	Square 3520	J9 Square 3555, Side Diffuse
	ZZ Tunable White Available	F5 Square 3520, Critical Edge	JA Square 3555, Single Side Diffuse
	See Guide for details	F6 Square 3520, Diffuse ¹	Square 3570
		F9 Square 3520, Side Diffuse	H6 Square 3570, Diffuse ¹
		FA Square 3520, Single Side Diffuse	H9 Square 3570, Side Diffuse
			HA Square 3570, Single Side Diffuse
			Square 5020
			W5 Square 5020, Critical Edge

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Sensors	Finish	Options
0 None	WH White	0 None
ZZ Other (please specify) ²	BL Black	9 9' 18/3 Cord and Plug

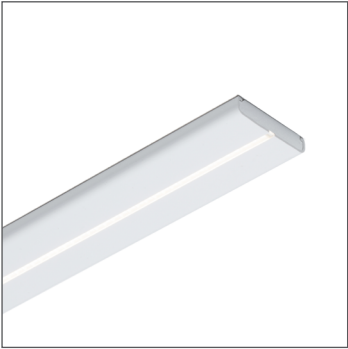
NOTES & LIMITATIONS

- ¹ Diffuse and Diffuse with MicroBaffle optics are only available in White Finish (WH).
- ² Sensors are available please 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.

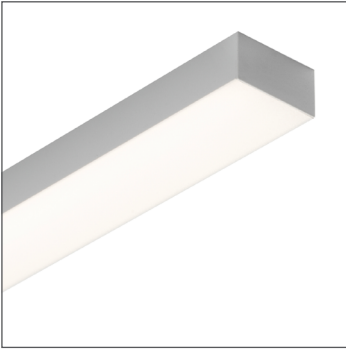




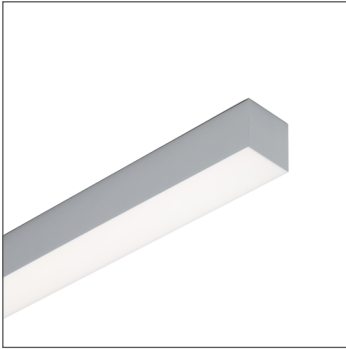
Micro 3508



Round 3515



Square 3520



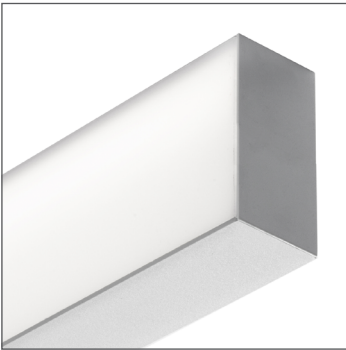
Square 3535



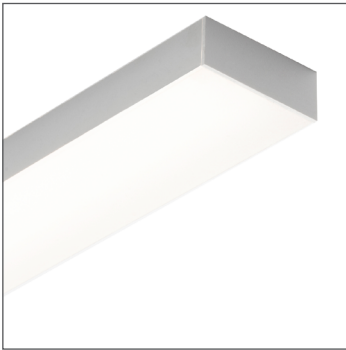
Square 3555



Square 3535/30



Square 3570



Square 5020

Applications

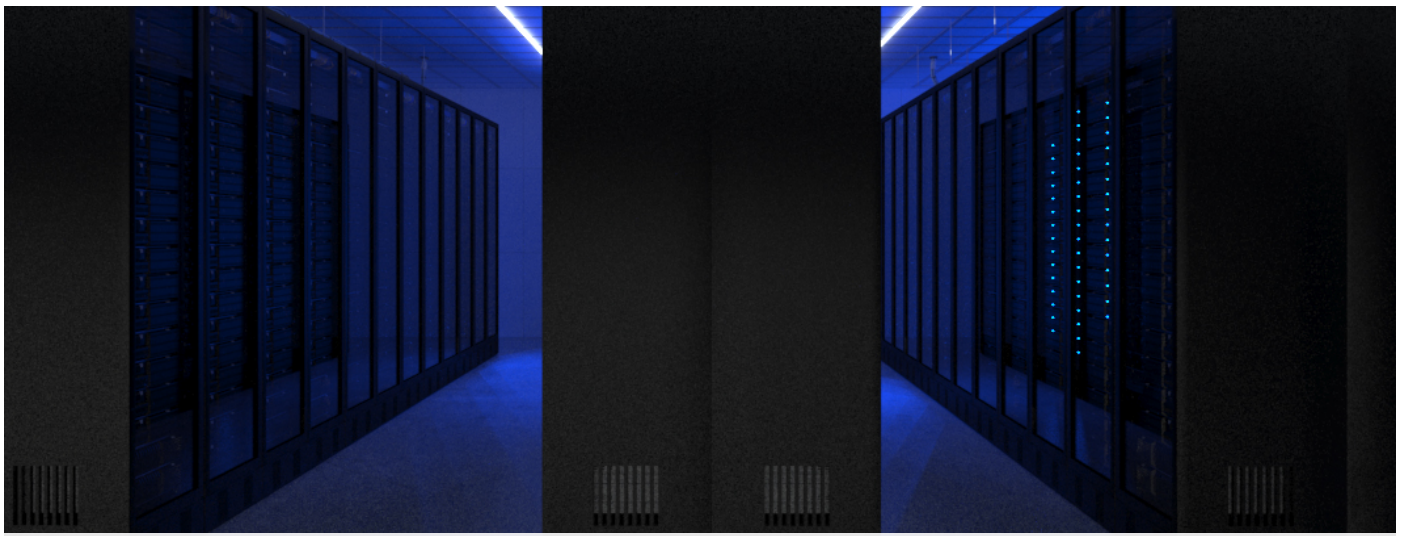
Data Center



Data Center



Data Center



Data Center

Structure

Rail Lengths	24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm), 96" (2438mm).
Rail Dimensions	Rail Dimensions vary depending on optics choice. See dimensions section for details.
Construction	Extruded and machined 6063 aluminum.
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

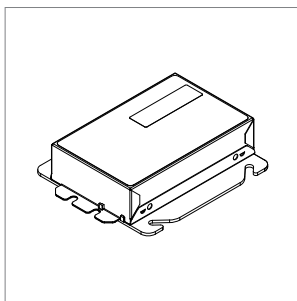
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 (<i>PVC free in 2020</i>)
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen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

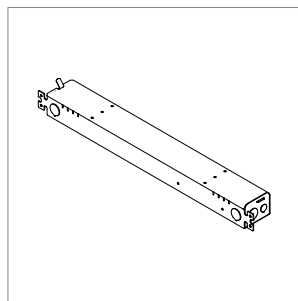
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



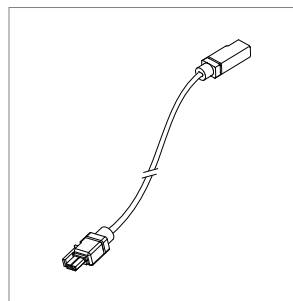
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

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

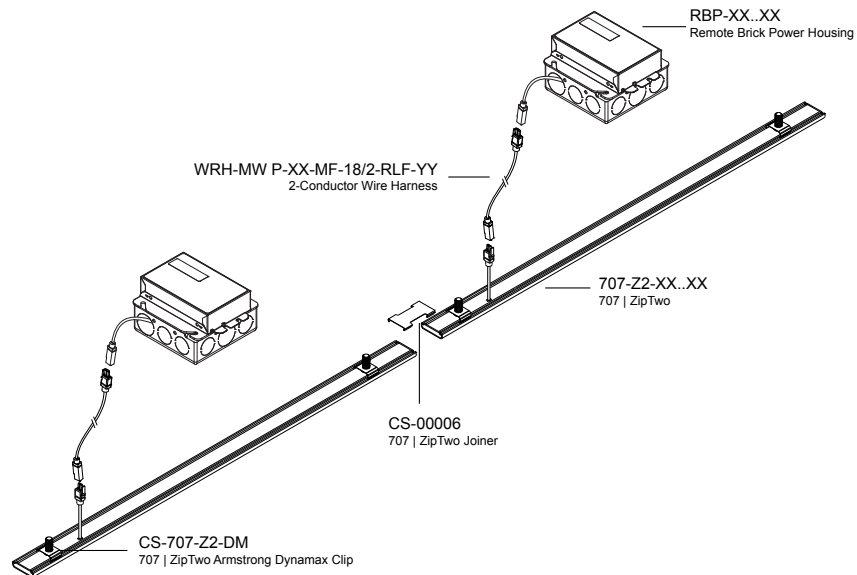


Wire harness connects driver to rail. Wire harness is 25' (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

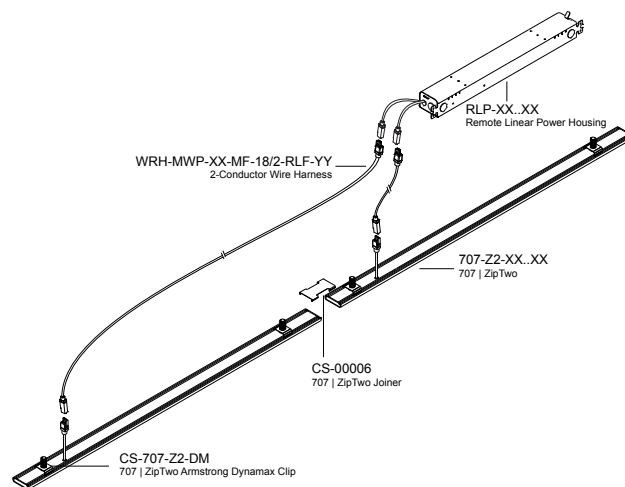
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult [Power Guide](#)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

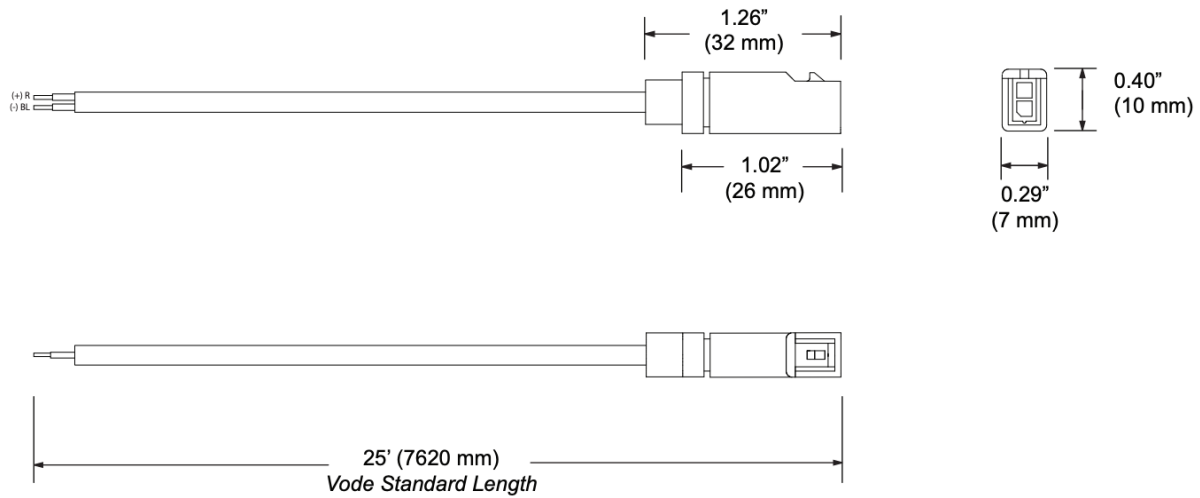


Note: Drawings not to scale, for reference only.

Power and Controls

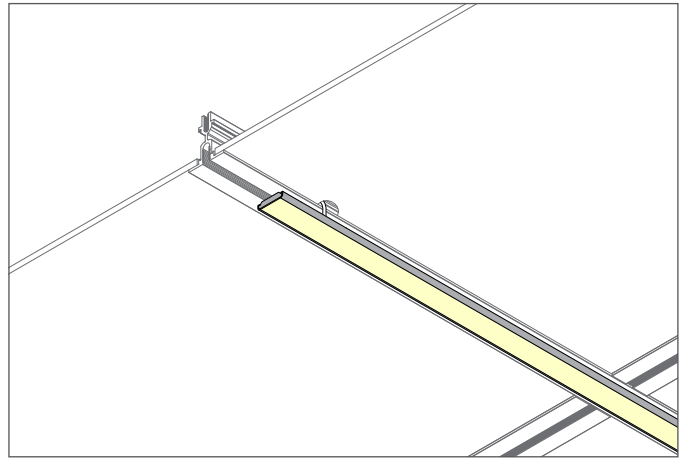
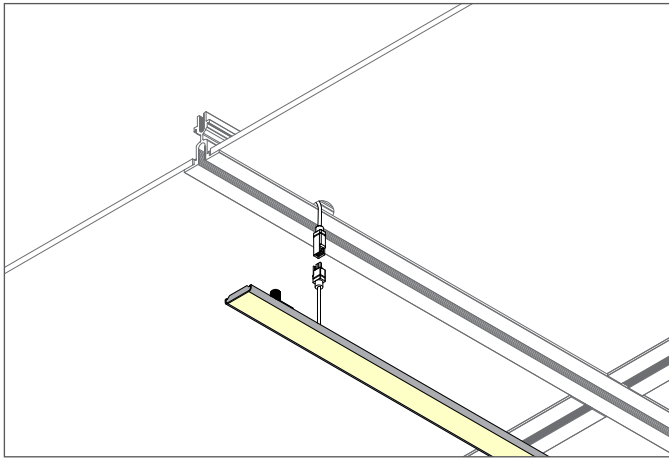
Wire Harness

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.



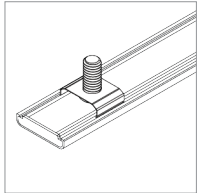
Wire Management

Determine fixture wire harness location and notch T-Bar/Panel, as necessary. Connect fixture wire harness to power wire harness and insert excess wiring behind panel.

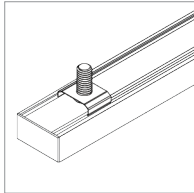
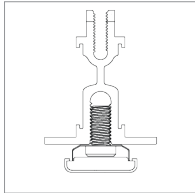


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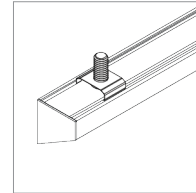
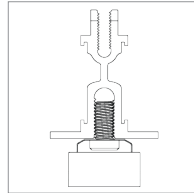
Mounting Options



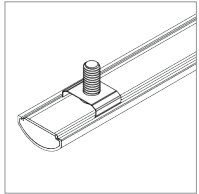
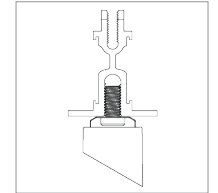
DM Clip Micro3508



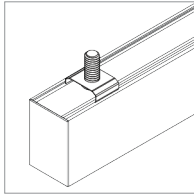
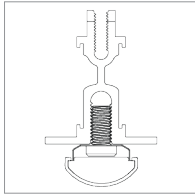
DM Clip Square3520



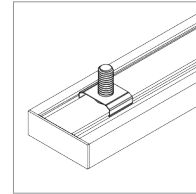
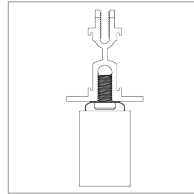
DM Clip Square3535/30



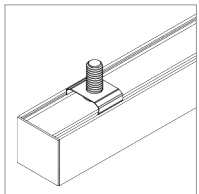
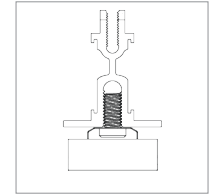
DM Clip Round3515



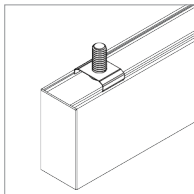
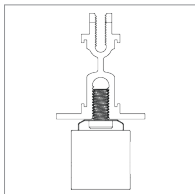
DM Clip Square3555



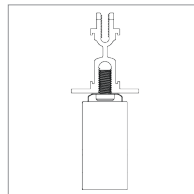
DM Clip Square5020



DM Clip Square3535

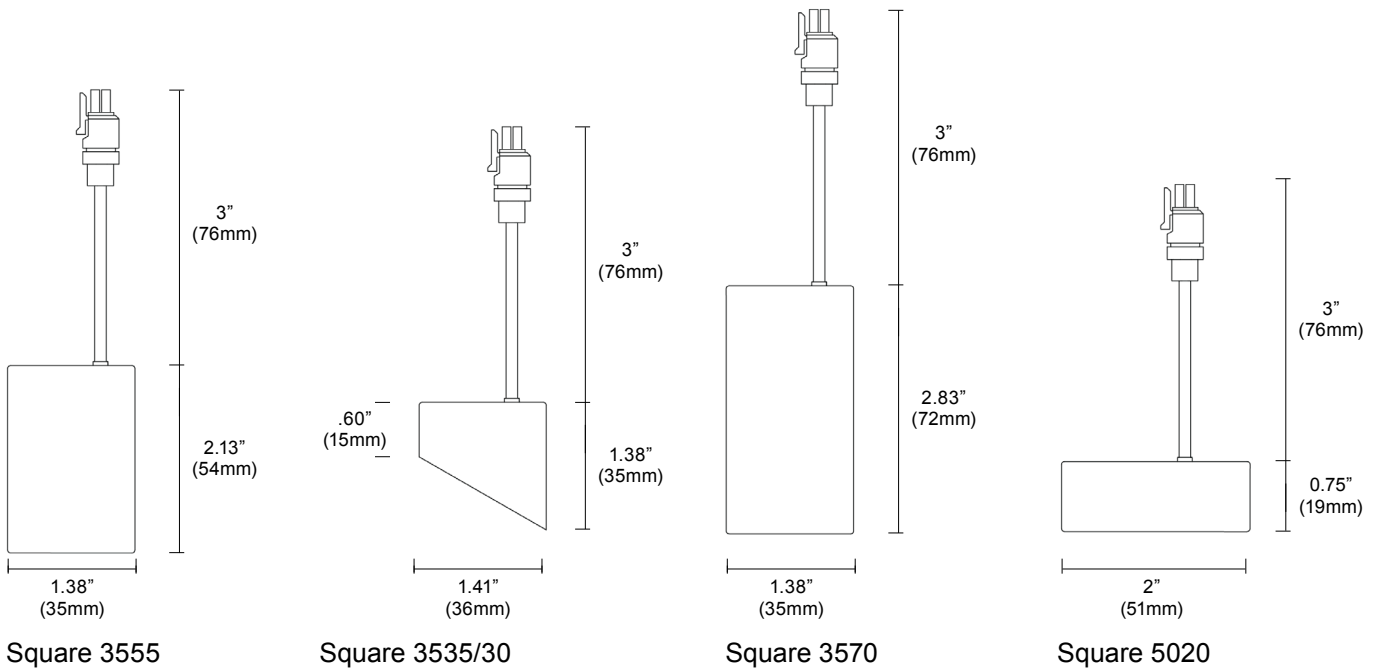
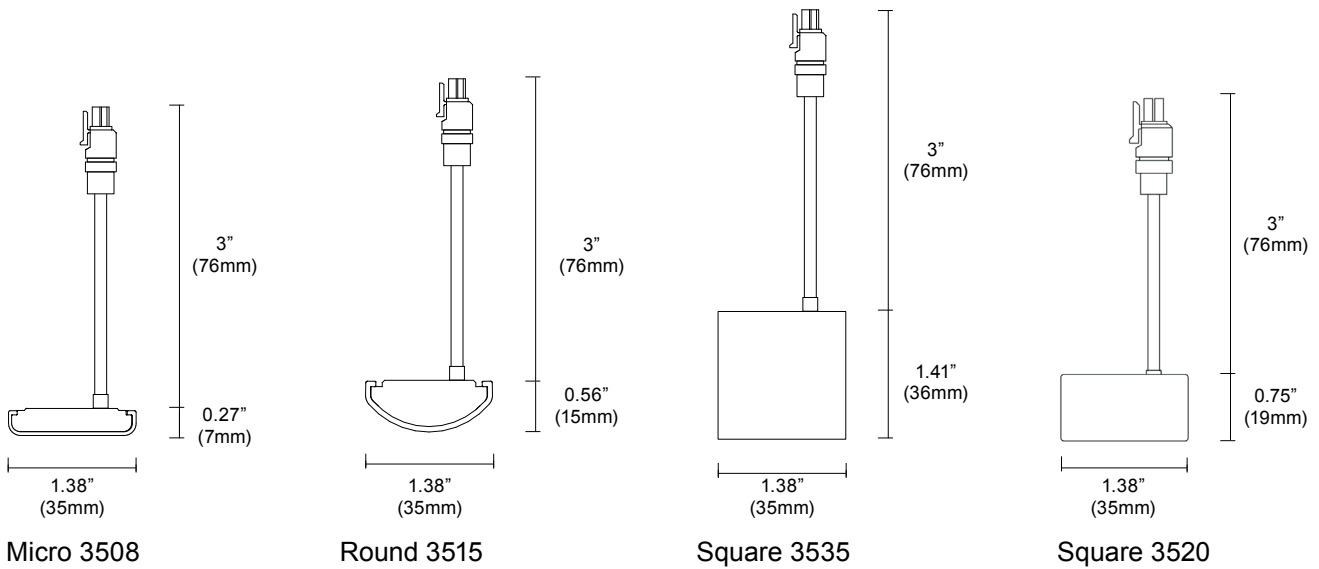


DM Clip Square3570

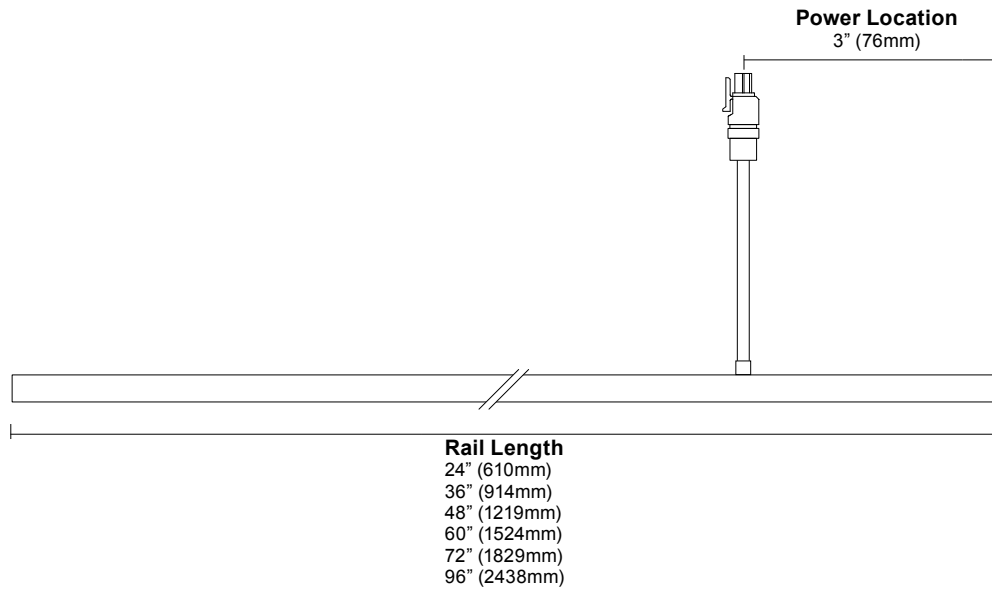


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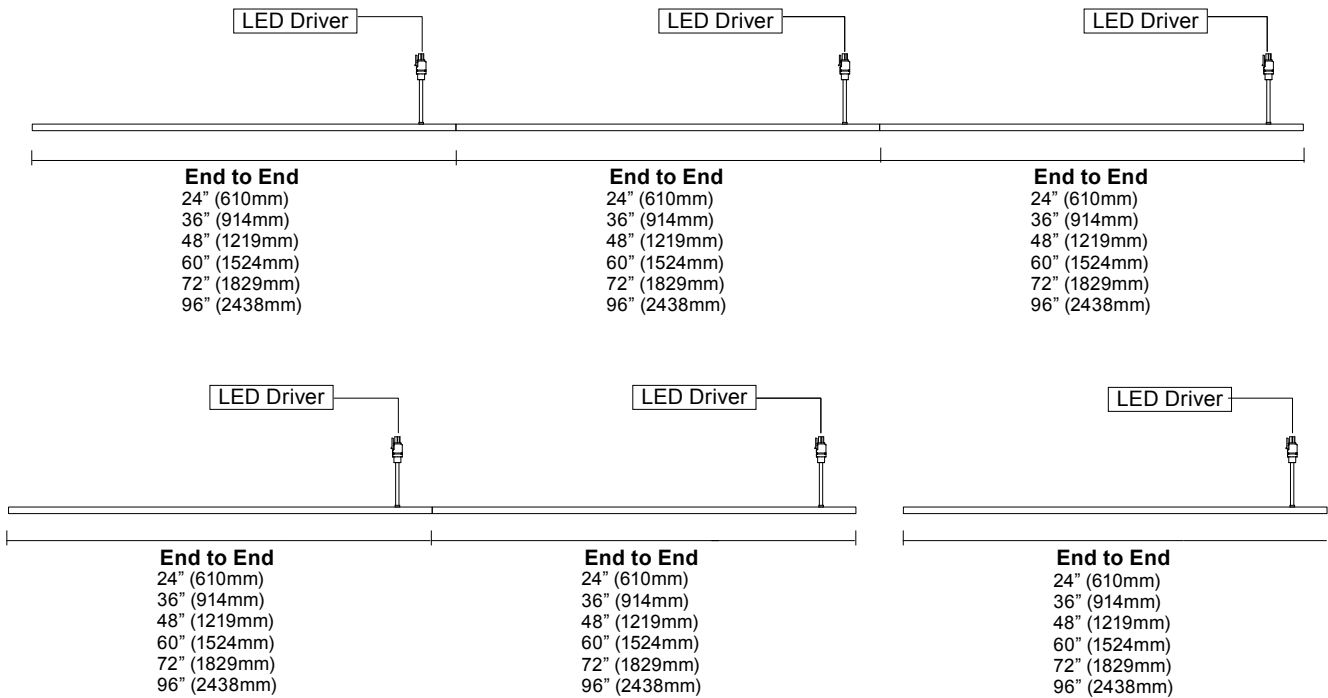
Dimensions



Dimensions



Layout



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