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 ▸▸

System & Rail Type
707-Z2 ZipTwo

System Type
SL Standard Linear

System Length
Specify overall system length in ft/in or M/mm.

Corner and Shapes Available ***See Guide*** *for details*

Rail Length
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)

See ***Rail Length Chart*** *for more details.*

⚠ ***Custom lengths may result in light gaps on the fixture. See Rail Length Chart for more details.***

Mounting
DM Armstrong DYNAMAX

Arm/Cable Length
0 None

▸▸				Z ▸▸

Power Location
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

Power Type
Flexible 1 to 1 Power

AE 0-10V, 1.0% Dimming
AT 0-10V, 0.1% Dimming
AD DALI, 0.1% Dimming
AX DMX, 100-0% Dimming
AH Hi-lume 1% EcoSystem, Soft On / Fade to Black Technology, LDE[1]
AH2 ELV 1% 2-wire (Forward and Reverse Phase)[3]

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)

See* ***Power Guide* *for driver features & limitations.*

Voltage
1 120v
2 120v-277v
X Not Yet Specified

Emergency Power
0 No Emergency Power
ZZ Emergency Power *(specify requirements)*

LED Type
Z Zipper Board™

▸▸		

Lumen Output
LO Low Output
SO Standard Output
HO High Output*
ZZ Other (please specify)

See ***IES Files*** *page for details.*
See* ***Power Guide* *for driver features & limitations.*

Color Temperature
90+ CRI

279 2700K
309 3000K
359 3500K
409 4000K

RGBW 90+ CRI[4]

C279 RGB Color, 2700K
C309 RGB Color, 3000K
C359 RGB Color, 3500K
C409 RGB Color, 4000K

ZZ Tunable White Available ***See Guide*** for details

Optics
Micro 3508

A1 Micro 3508, 85° Asymmetric
S1 Micro 3508, 40° Symmetric
S2 Micro 3508, 60° Symmetric
S3 Micro 3508, 120° Symmetric
D3 Micro 3508, Diffuse[1]
D4 Micro 3508, Diffuse[1] with MicroBaffle

Round 3515

S4 Round 3515, Diffuse[1]

Square 3520

F5 Square 3520, Critical Edge
F6 Square 3520, Diffuse[1]
F9 Square 3520, Side Diffuse
FA Square 3520, Single Side Diffuse

Square 3535

S5 Square 3535, Critical Edge
S6 Square 3535, Diffuse[1]
S9 Square 3535, Side Diffuse
SA Square 3535, Single Side Diffuse

Square 3535/30

A3 Square 3535/30, Soft Wash

Square 3555

J6 Square 3555, Diffuse[1]
J9 Square 3555, Side Diffuse
JA Square 3555, Single Side Diffuse

Square 3570

H6 Square 3570, Diffuse[1]
H9 Square 3570, Side Diffuse
HA Square 3570, Single Side Diffuse

Square 5020

W5 Square 5020, Critical Edge

▸▸		

Sensors
0 None
ZZ Other (please specify)[2]

Finish
WH White
BL Black

Options
0 None
9 9' 18/3 Cord and Plug

NOTES & LIMITATIONS

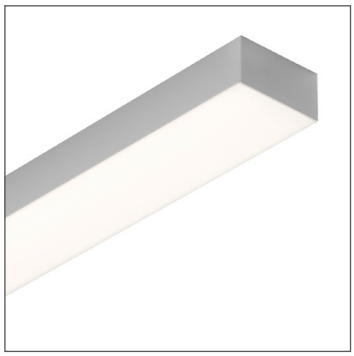
[1] Diffuse and Diffuse with MicroBaffle optics are only available in White Finish (WH).
[2] Sensors are available please contact Vode for more information.
[3] Lengths of 24" and shorter are not supported due to driver limitations. Daisy chaining multiple fixtures to achieve minimum load is permitted but may introduce installation complexity—consult factory for layout guidance.
[4] RGBW limited to a maximum of 60" for Standard and High Output.

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

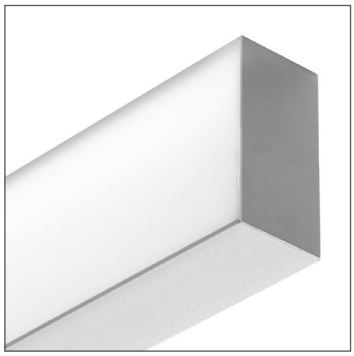


Square 3520

Square 3535

Square 3555

Square 3535/30



Square 3570

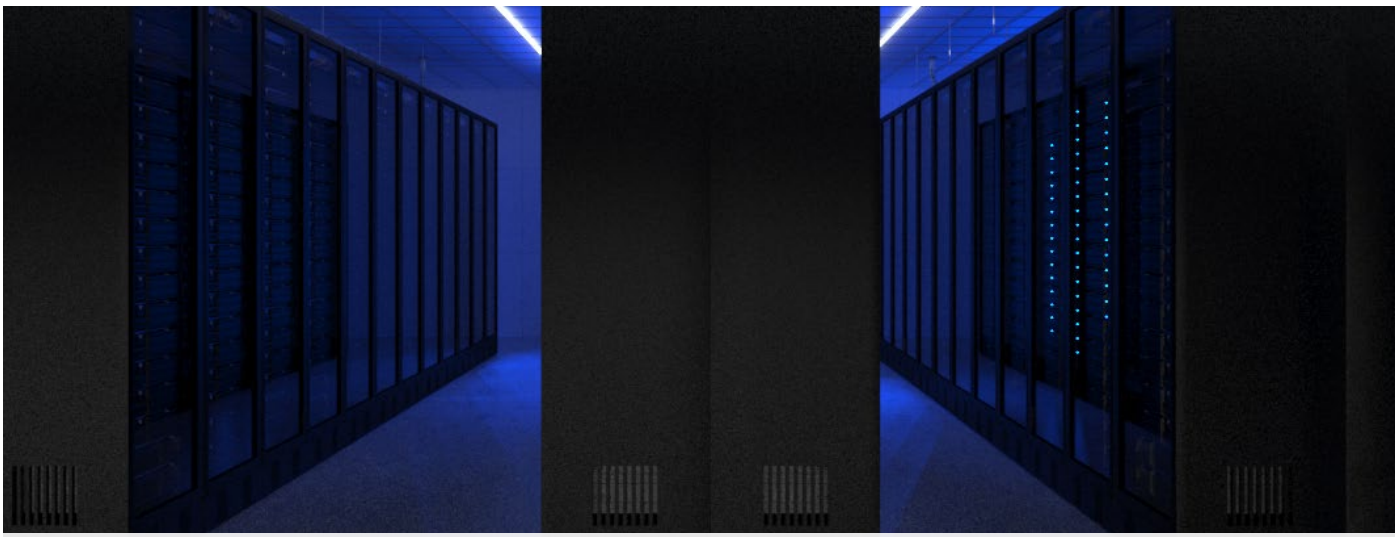
Square 5020

Applications

Data Center

Data Center

Data Center



Data Center

Declare Label

All Vode Lighting linear light fixtures proudly carry the Red List Approved designation.

See ***International Living Future Institute*** website for details.

Declare℠

Vode Adaptive Architectural Lighting Systems
Vode Lighting LLC

Final Assembly: Sonoma, California, US
Life Expectancy: 10+ Year(s)
End of Life Options: Recyclable (100%)

Ingredients:

Anodized Aluminum (6063-T5 Alloy); Steel; Small Electrical Component (RoHS)[1]; Copper; Fluorinated Ethylene Propylene (masterbatch)[2]; Polymethyl methacrylate (PMMA); Stainless Steel; Polyoxymethylene Copolymer (POM); Styrene-butadiene polymer, hydrogenated; Poly(methyl methacrylate/butyl acrylate/styrene) (PMMA/BA/S); Styrene/butadiene copolymer; Distillates; Polypropylene; Calcium carbonate; Polycarbonate; EVA Copolymer; Methyl methacrylate (MMA); Polyphenylene Oxide; Brass; Tin, Organic

[1]LBC Temp Exception RL-002 - Small Electrical Components
[2]LBC Temp Exception RL-023 - Wire Sheathing Subject to NFPA 90A, NFPA 262, UL® 910

Living Building Challenge Criteria: Compliant

I-13 Red List:

☐ LBC Red List Free
■ LBC Red List Approved
☐ Declared

% Disclosed: 100% at 100ppm
VOC Content: Not Applicable

I-10 Interior Performance: Not Applicable
I-14 Responsible Sourcing: Not Applicable

VDE-0001
EXP. 01 JAN 2025
Original Issue Date: 2018

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

Red List Approved
Declare℠

Structure

Rail Lengths	24” (610mm), 36” (914mm), 48” (1219mm), 60” (1524mm), 72” (1829mm), 96” (2438mm).
Rail Dimensions	Rail Dimensions very 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). *Power supply and housing not included.*

Materials

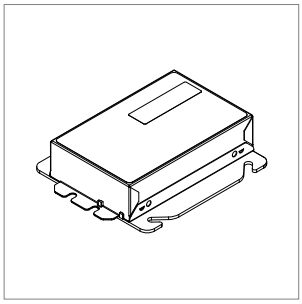
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910 *(PVC free in 2020)*
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen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

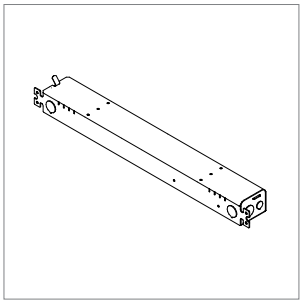
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult ***Power Guide*** to determine which type you will receive.

Remote Brick Power Housing



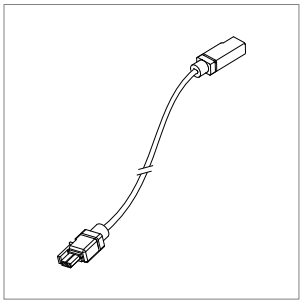
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4” metal, square J-Boxes with a minimum volume of 21 in^3 (J-Box not provided).
See ***Tech Sheet*** for details.

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

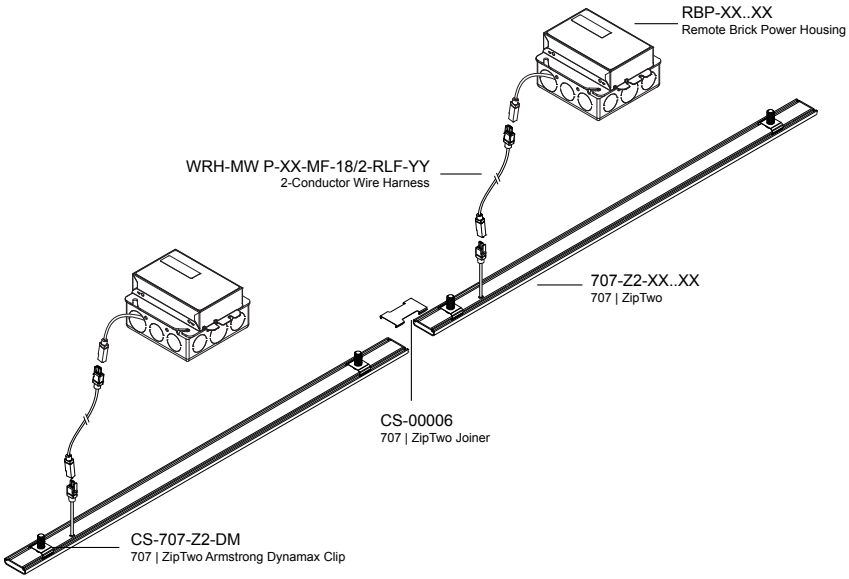


Wire harness connects driver to rail. Wire hareness is 25’ (7.6m) with micro fit molex connectors for quick and easy installation. Multiple harnesses can be combined for a total length of up to 100’ (30.5m).
See ***Tech Sheet*** for details.

Power and Controls

Flexible 1 to 1 power

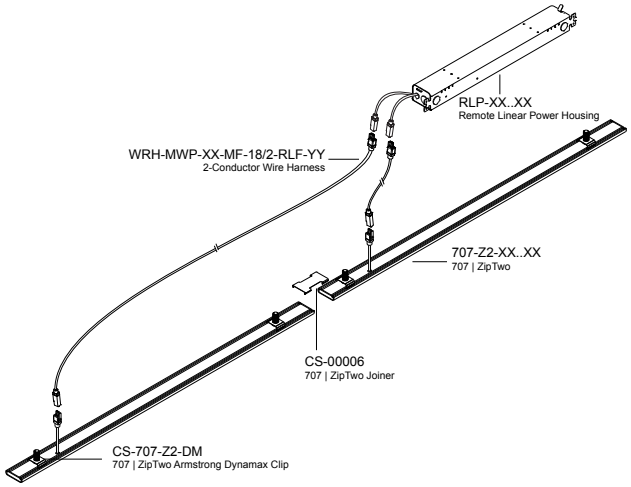
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult ***Power Guide***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

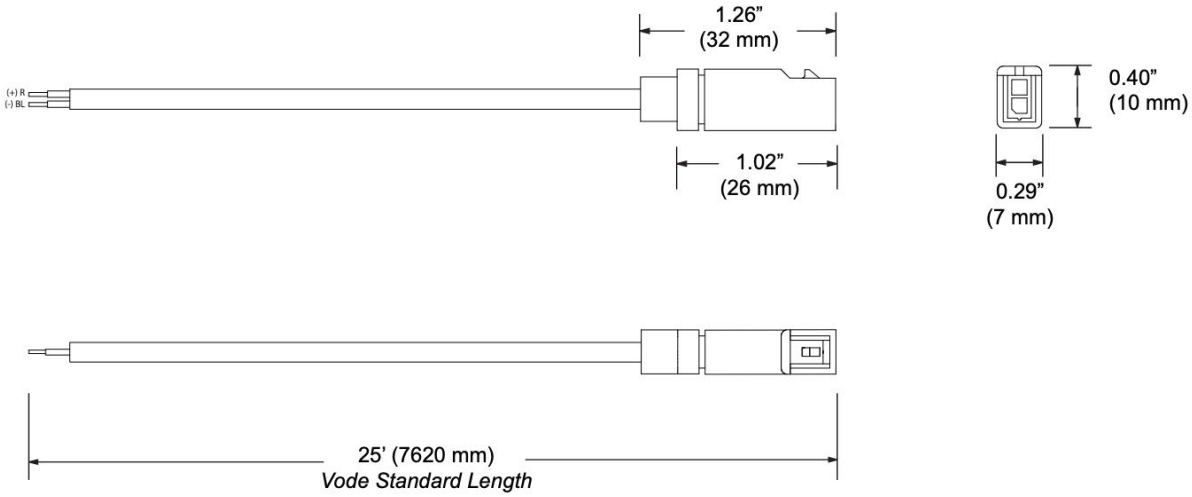


Note: Drawings not to scale, for reference only.

Power and Controls

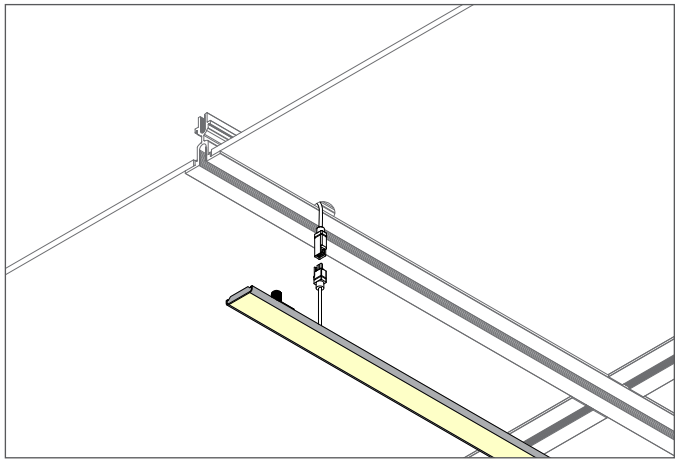
Wire Harness

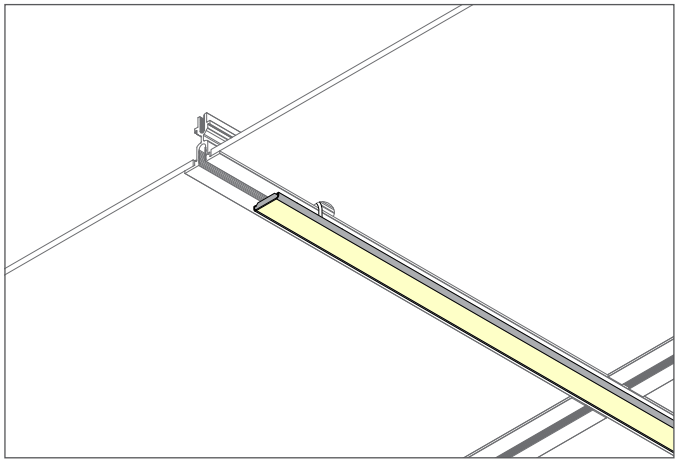
Low voltage wire harness connects driver to rail. Wire hareness is 25’ (7.6m) 18/2 AWG stranded wire with provided micro fit molex connectors on either end for quick and easy installation. Multiple haresses can be combined for a total length of up to 100’ (30.5m). Refer to Vode Power Guide for max remote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



Wire Management

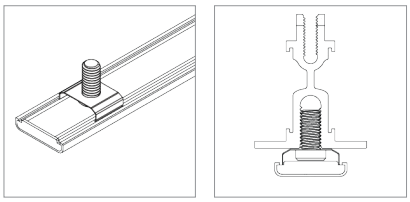
Determine fixture wire harness location and notch T-Bar/Panel, as necessary. Connect fixture wire harness to power wire harness and insert excess wiring behind panel.



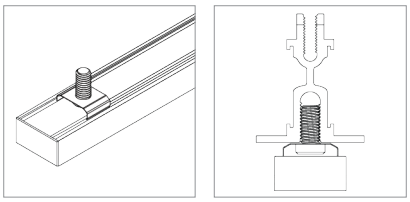


Note: Drawings not to scale, for reference only.

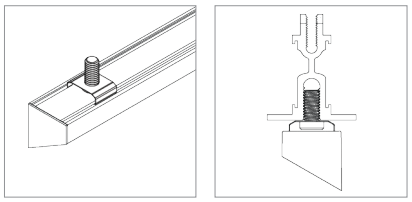
Mounting Options



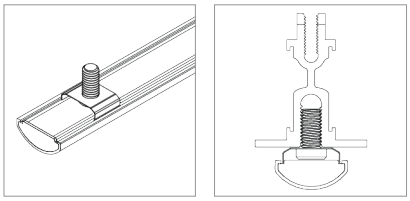
DM Clip Micro3508



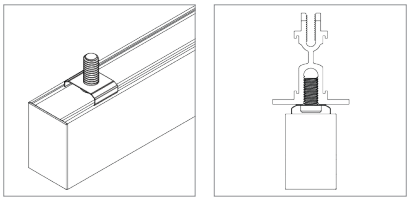
DM Clip Square3520



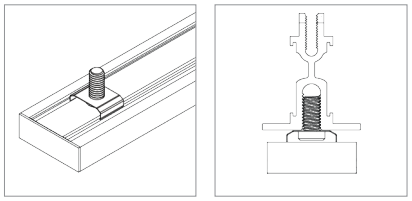
DM Clip Square3535/30



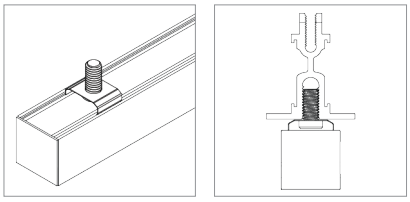
DM Clip Round3515



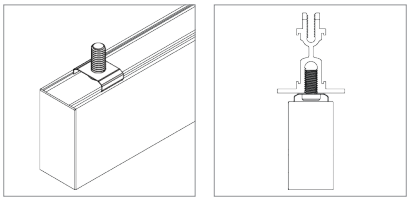
DM Clip Square3555



DM Clip Square5020



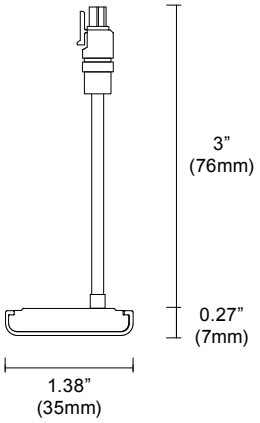
DM Clip Square3535



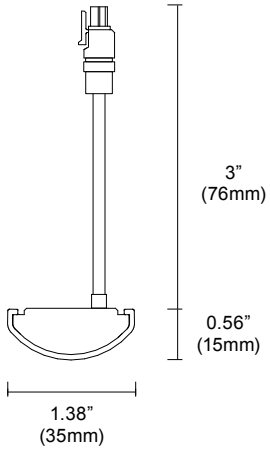
DM Clip Square3570

Note: Drawings not to scale, for reference only.

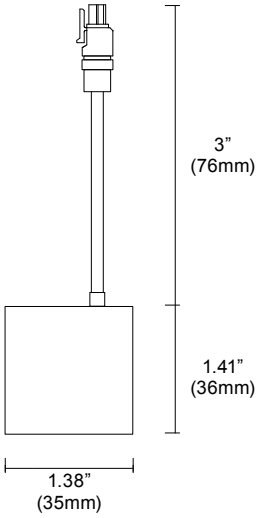
Dimensions



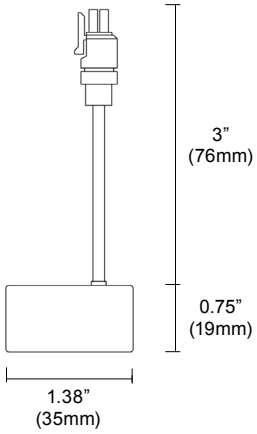
Micro 3508



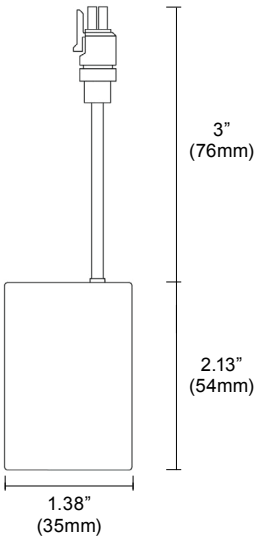
Round 3515



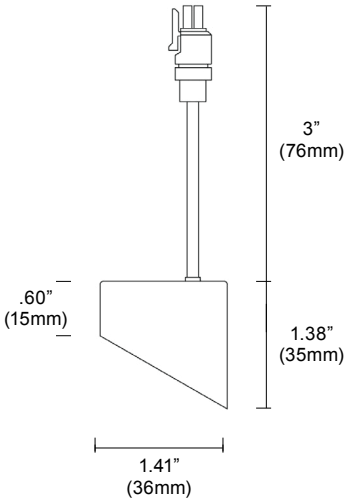
Square 3535



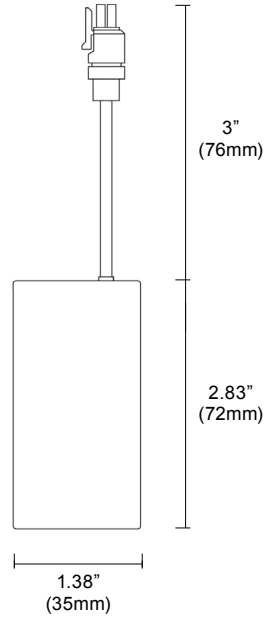
Square 3520



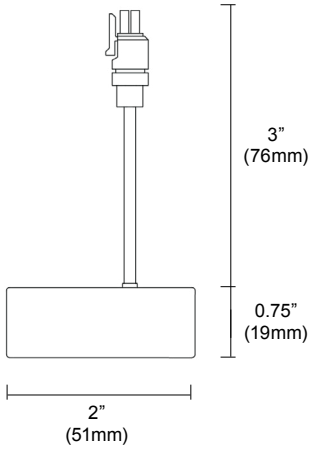
Square 3555



Square 3535/30

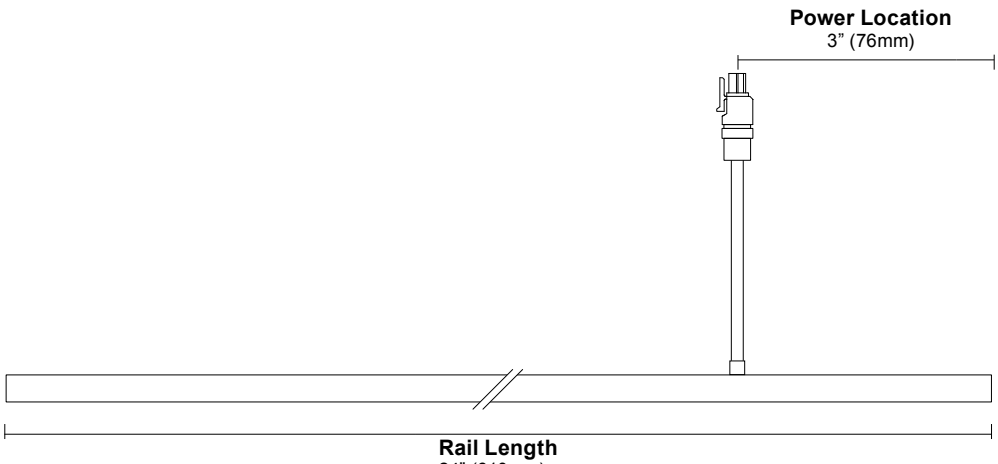


Square 3570



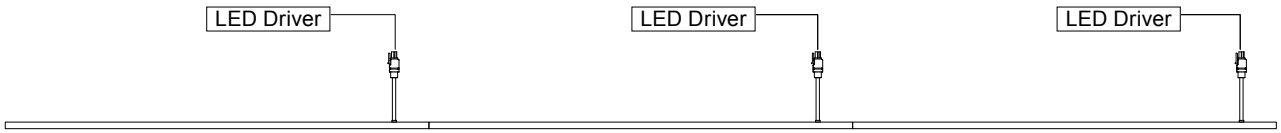
Square 5020

Dimensions



Rail Length
24” (610mm)
36” (914mm)
48” (1219mm)
60” (1524mm)
72” (1829mm)
96” (2438mm)

Layout



End to End
24” (610mm)
36” (914mm)
48” (1219mm)
60” (1524mm)
72” (1829mm)
96” (2438mm)

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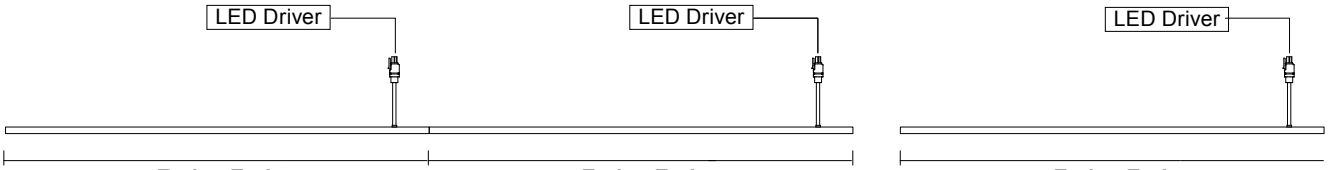

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Corner and Shapes Available (Square, Rectangle, L-Shape, U-Shape, ZigZag)