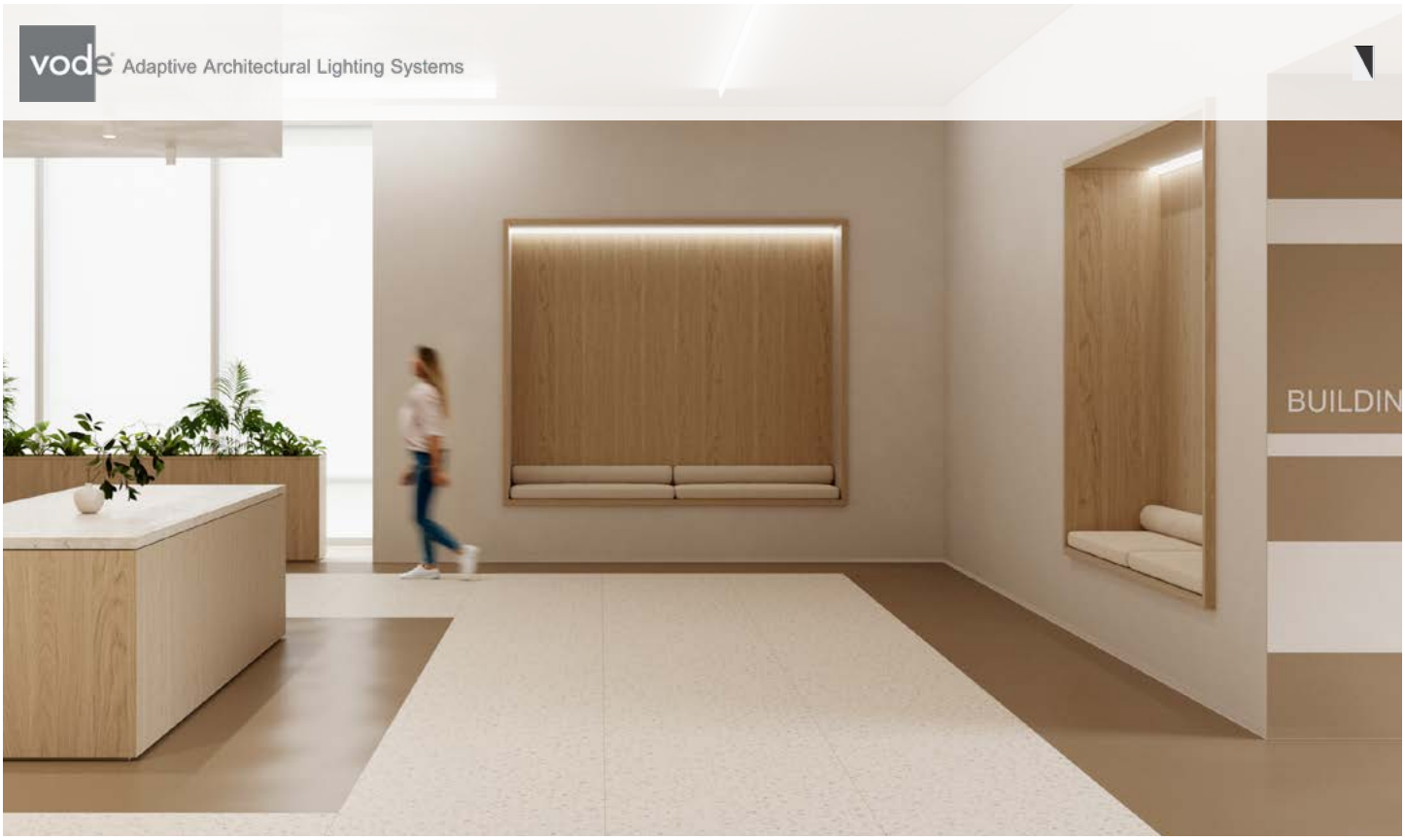


Spec Guide

Slope | Wedge | 707

Red List Approved
Declare.

Indirect accent lighting and direct corridor lighting applications.

Slope, Asymmetric, White (RA)

Benefits & Features

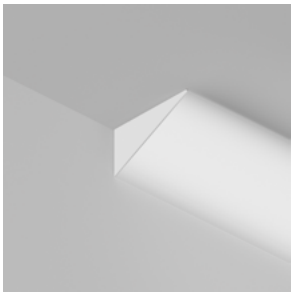
Minimal Profile, Robust Design
Right Triangle, 1.50" (38mm) x 3" (77mm).

Superior Light Quality & Performance
Output up to 1495 lm/ft (4906 lm/m) (HO), 121 lm/W (SO), 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 Slope Asymmetric or Slope Diffuse gives the designers the power to accent a feature or bring visual interest into every corner of their space.

Slope, Asymmetric, White (RA)



Slope, Diffuse, White (R6)

Build Your Specification

707-WE	SL				0 ▸▸

System & Rail Type
707-WE Wedge

System Type
SL Surface

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

Rail Length
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)

*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
C Clip
CM Clip with Micro J-Box [1]
T Magnet with Tape-On Metal Strip [2]
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)

Arm/Cord Length
0 None

▸▸	

Power Location

Remote Power

RP10 10' (3.048m) Wire Harness
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) [6]

Optimized Power*
*Add '**O**' to power type example: AE**O**, AT**O**...etc. [3]
AEO 0-10v, 1.0% Dimming, Optimized Power
ATO 0-10V, 0.1% Dimming, Optimized Power
ADO DALI, 0.1% Dimming, Optimized Power
AXO DMX, 100-0% Dimming, Optimized Power
ZZ Other (please specify)

Flexible 1 to 1 Power with VodeNODE*
*Add '**N**' to the end of spec code to indicate VodeNODE [4]
AEN 0-10v, 1.0% Dimming with VodeNODE
ATN 0-10V, 0.1% Dimming with VodeNODE
ADN DALI, 0.1% Dimming with VodeNODE
AXN DMX, 100-0% Dimming with VodeNODE
AHN Lutron Hi-lume 1% EcoSystem (LDE1) with VodeNODE

Optimized Power with VodeNODE*
*Add '**ON**' to the end of spec code to indicate VodeNODE [4]
AEON 0-10v, 1.0% Dimming, Optimized Power with VodeNODE
ATON 0-10v, 0.1% Dimming, Optimized Power with VodeNODE
ADON DALI, 0.1% Dimming, Optimized Power with VodeNODE
AXON DMX,100-0% Dimming, Optimized Power with VodeNODE
ADON DALI, 0.1% Dimming, Optimized Power with VodeNODE
AXON DMX,100-0% Dimming, Optimized Power with VodeNODE

▸▸		Z			

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
27 2700K
30 3000K
35 3500K
40 4000K
ZZ Tunable White Available ***See Guide*** for details

Optics
RA Clear Asymmetric
R6 Diffuse

▸▸		

Sensors
0 None

Finish
WH White

Options
0 None
9 9' 18/3 Cord and Plug
CPS Chicago Plenum Fixture Adapter & Power
CPP Chicago Plenum Power
CPA Chicago Plenum Fixture Adapter

NOTES & LIMITATIONS

[1] *Mounting type available with Chicago Plenum.*
[2] *Magnet mount not recommended for wall applications in accessible high traffic areas. Clip (C) mounting is recommended instead.*
[3] *Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type.*
[4] *VodeNODE enclosure is not available with Hi-lume 1% 2-wire (AH2) Power Type.*
[5] *RGBW available. Contact Vode for more information.*
[6] *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.*

*Standard 5 Year Limited Warranty. See details **here**. Contact factory for options on Limited Warranties up to 20 years.*

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA. Certain limitations exist for each Certification. Contact factory for verification.

Applications

Patient Room, Slope | Clear Asymmetric | 707, White (RA-WH)

Corridor, Slope | Diffuse | 707, White (R6-WH)

DECLARE

International Living Future Institute (ILFI)

Red List Approved

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

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:

Steel; Anodized Aluminum (6063-T5 Alloy); Small Electrical Component (RoHS); Copper; Fluorinated Ethylene Propylene (masterbatch); 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

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 FEB 2026
Original Issue Date: 2018

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

Click here to learn more: ***International Living Future Institute***

TM65NA

CIBSE & ASHRAE on Embodied Carbon

Vode recognizes TM65NA as the highest standard for understanding the embodied carbon of our fixtures.

Developed with ASHRAE, it adapts CIBSE's TM65 for North America, ensuring accurate regional assessments. It must be used alongside TM65 and follows TM65LA's framework.

System: 707 | Wedge Slope | Surface Mounted
Embodied Carbon (kg CO_2e): 28.63*

***Note**: Embodied Carbon, expressed in kilograms of CO_2e is calculated using a 48" fixture **and includes the LED driver.**

CIBSE ASHRAE

Click here to learn more ***CIBSE, ASHRAE***.

BAA X BABA

Buy American Act / Build America & Buy America Act Compliance

Vode is dedicated to supporting domestic manufacturing and ensuring compliance with BAA and BABA requirements.

Given the complexity of our products, we recommend reaching out to **vodecares@vode.com** for confirmation regarding compliance for your specific project.

BAA BABA

Click here to learn more: ***US Department of Commerce***

Structure

Rail Lengths	24” (610mm) - 144” (3658mm). Modified lengths available. *See **Rail Length Chart** for more details.*
Rail Dimensions	1.50” (38mm) x 3.00” (77mm) x length.
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.
System Run Length	24” (610mm) minimum. Unlimited maximum.
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

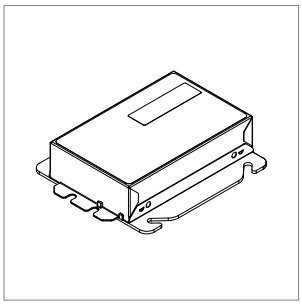
LED Board Construction	Aluminum core PCB, black LCP connectors, RoHS compliant.
Lens	High-impact extruded acrylic glass (PMMA).
Power Cable	Ø3mm, 33/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, red list free.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free,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

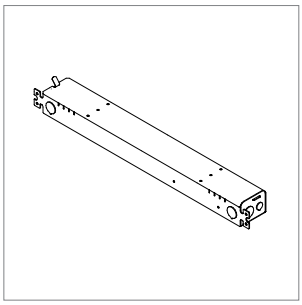
Remote power is locating the power supply away from the fixture. Remote power comes in two housing styles: brick style and linear style. Consult ***Power Guide*** to determine which type you will receive.

Remote Brick Power Housing



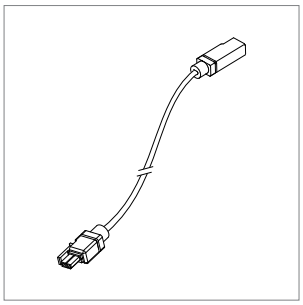
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4” metal, square J-Boxes with a minimum volume of 21 in^3 (J-Box not provided).
See ***Tech Sheet*** for details.

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

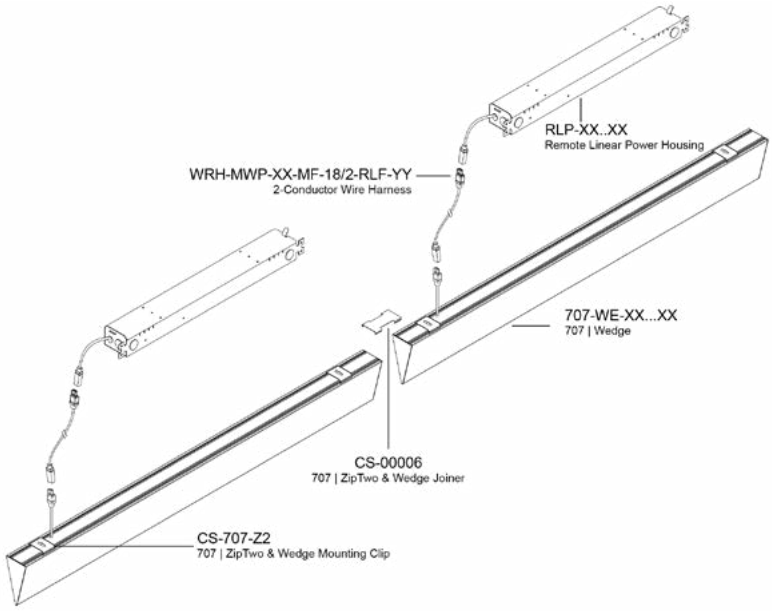


Wire harness connects driver to rail section. Lengths of 10’ (3.0m) & 25’ (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100’ (30.5m).
See ***Tech Sheet*** for details.

Power and Controls

Flexible 1 to 1 power

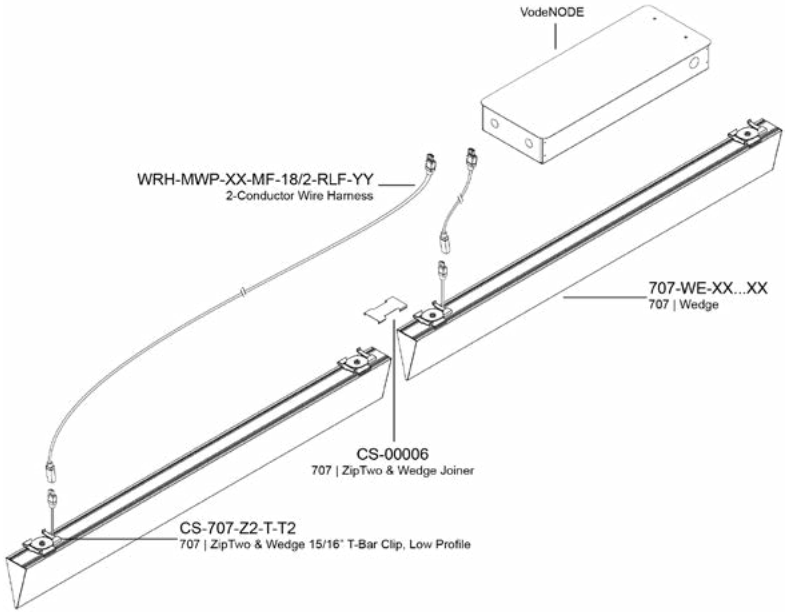
For Flexible 1 to 1 Power, Vode supplies one single output driver per fixture, allowing each fixture to be controlled independently. Direct/Indirect fixtures are supplied with two single output drivers, allowing the direct and indirect lighting to be controlled independently. Consult ***Power Guide***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



Optimized Power

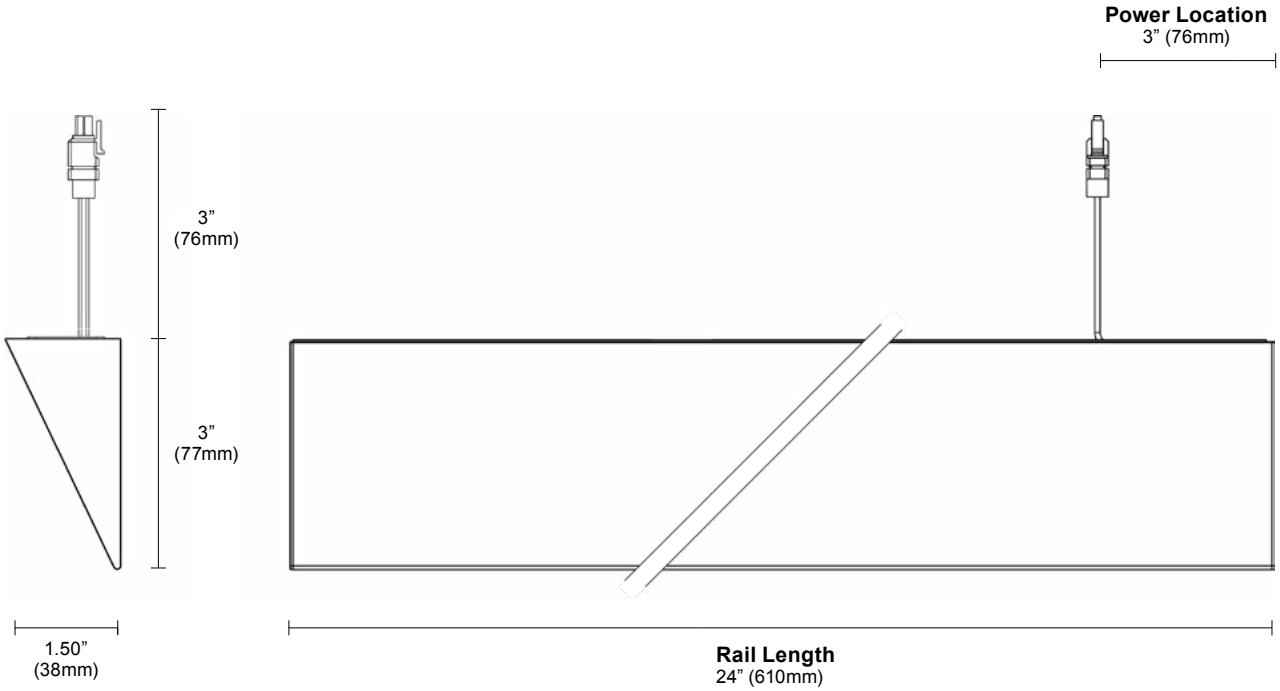
To optimize power, Vode configures specifications with drivers that have 2 or 4 outputs. Depending on system configurations and power requirements, up to 4 fixtures can be powered from a 4-output driver. Consult ***Power Guide*** to determine which type you will receive.

IMPORTANT: Each fixture will still require individual wire harnesses, as shown below.

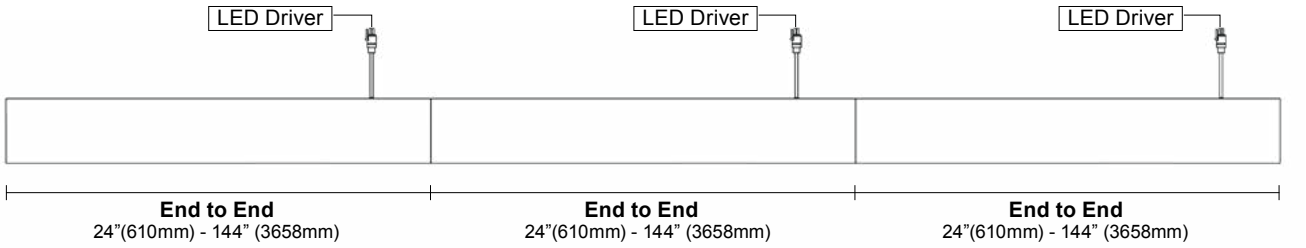


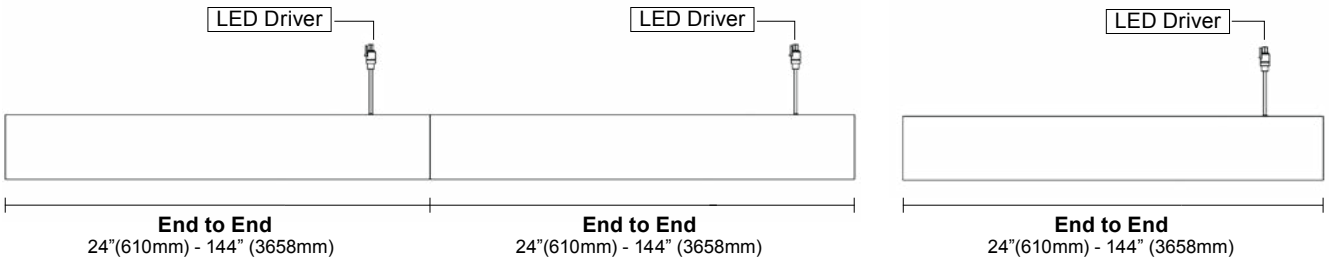
Note: Drawings not to scale, for reference only.

Dimensions

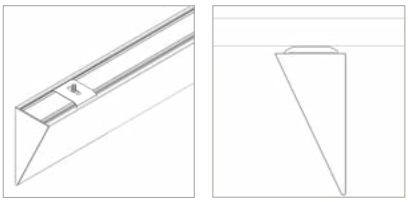


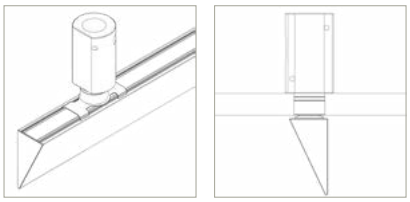
Layout

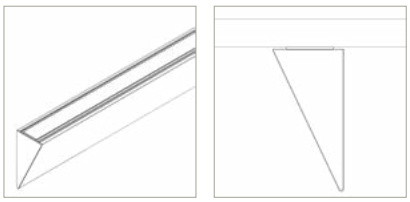


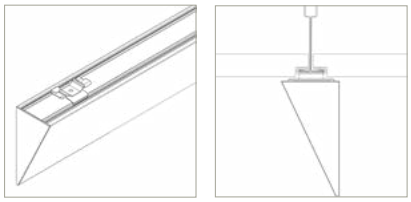


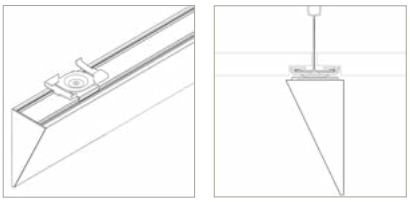
Mounting Options

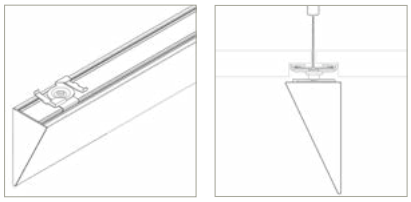

Clip (C)

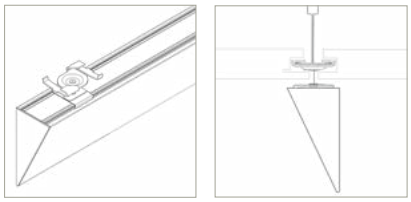

Clip with Micro J-Box (CM)

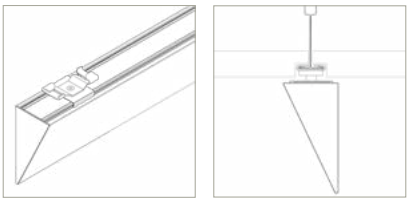

Magnet with Tape-On Metal Strip (T)

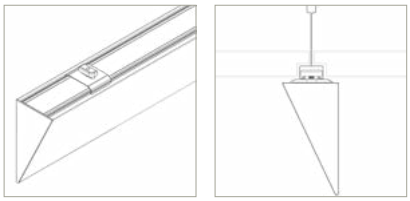

9/16” T-Bar Clip, low profile (T1)

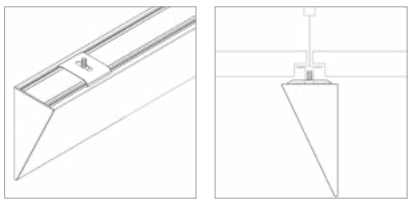

15/16” T-Bar Clip, low profile (T2)

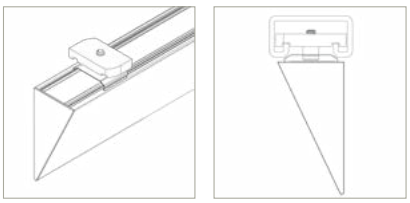

15/16” T-Bar Clip, medium profile (T3)

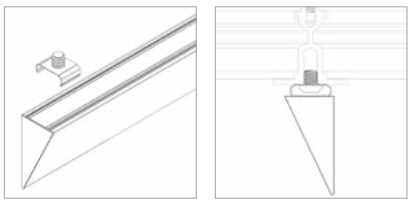

15/16” T-Bar Clip, concealed (T4)


9/16” T-Bar Clip, medium profile (T5)


Slotted T-Bar Clip (T6)


Dimensional T-Bar Clip (T7)


Strut Channel Clip (SC)

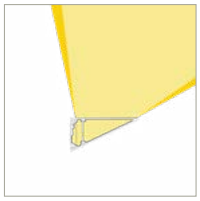
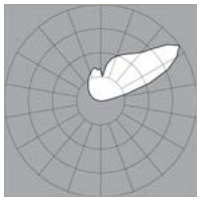

Armstrong DynaMax (DM)

See ***Wedge Clip Guide*** to check compatibility.

Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

Slope, Asymmetric, White Finish (RA-WH)

L80 >60,000 hours

90 CRI (90min., 96 avg.)

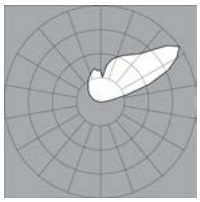
Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	87	90	92	93
Lumens per foot (305mm)	322	332	339	343
Watts per foot (305mm)	3.8	3.8	3.8	3.8

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	99	102	104	105
Lumens per foot (305mm)	645	665	679	685
Watts per foot (305mm)	6.6	6.6	6.6	6.6

High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	124	128	131	132
Lumens per foot (305mm)	1225	1263	1289	1302
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Slope, Asymmetric, Black Finish (RA-BL)





L80 >60,000 hours

90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	87	90	92	93
Lumens per foot (305mm)	322	332	339	343
Watts per foot (305mm)	3.8	3.8	3.8	3.8

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	99	102	104	105
Lumens per foot (305mm)	645	665	679	685
Watts per foot (305mm)	6.6	6.6	6.6	6.6

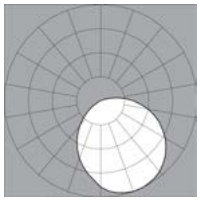
High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	124	128	131	132
Lumens per foot (305mm)	1225	1263	1289	1302
Watts per foot (305mm)	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics

Zipper Board Optics design has 72 diodes per foot (305mm).

Slope, Diffuse, White Finish (R6-WH)





L80 >60,000 hours

90 CRI (90min., 96 avg.)

Low Output (LO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	80	83	85	85
Lumens per foot (305mm)	297	307	313	316
Watts per foot (305mm)	3.8	3.8	4	3.8

Standard Output (SO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	92	95	97	98
Lumens per foot (305mm)	594	613	626	632
Watts per foot (305mm)	6.6	6.6	6.6	6.6

High Output (HO)	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	115	118	121	122
Lumens per foot (305mm)	1129	1165	1189	1201
Watts per foot (305mm)	9.9	9.9	9.9	9.9