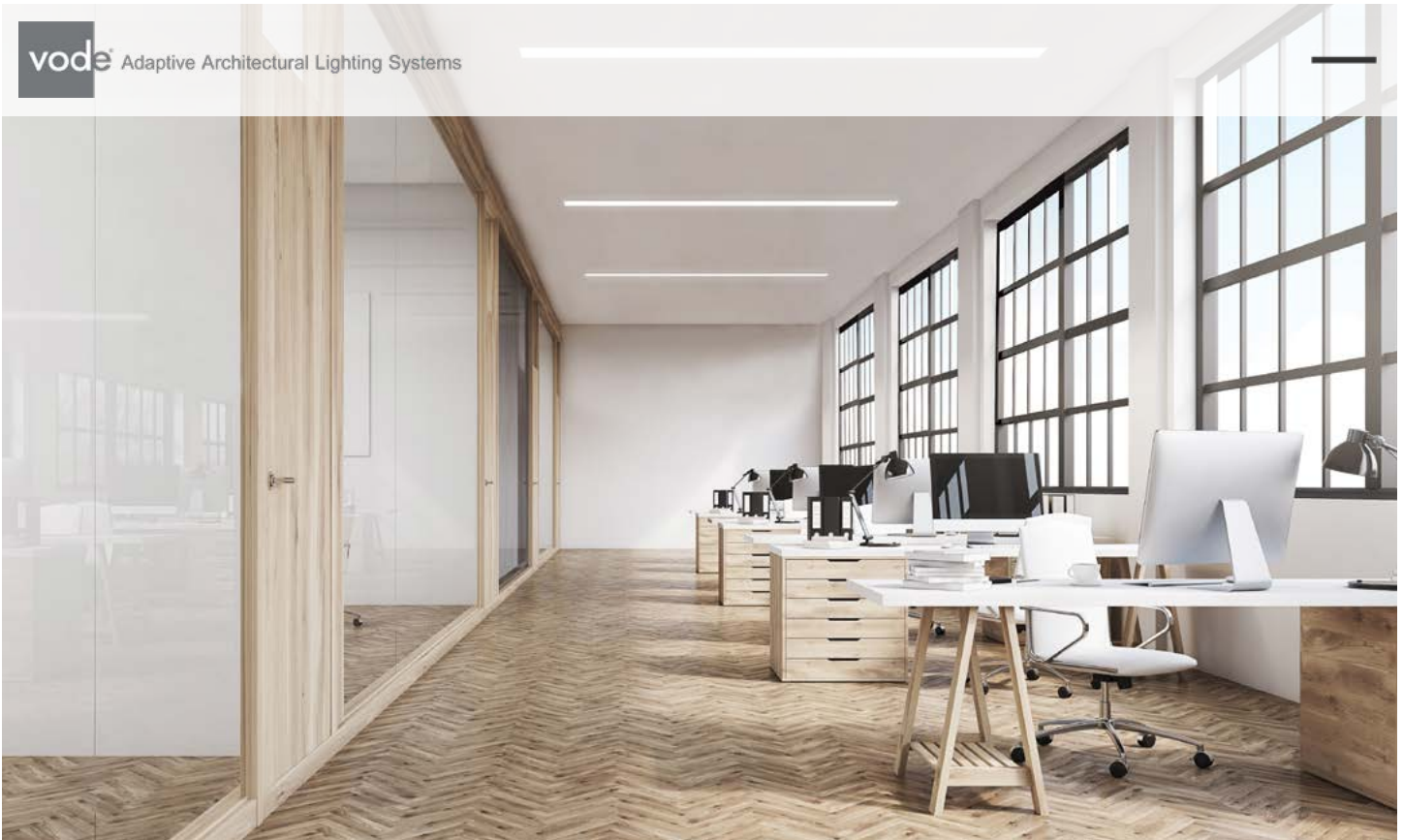




Spec Guide

Nexa | 807



Direct lighting for general interior applications.



Nexa 5.25", Critical Edge, Clear Anodized

Benefits & Features

Minimal Profile, Seamless Design

Thin profile. Two aperture sizes to choose from 3.25" (83mm) x 0.55" (14mm) and 5.25" (133mm) x 0.55" (15mm).

Superior Light Quality & Performance

Output up to 1650 lm/ ft. 80 or 90 CRI, tunable white (2200K - 5000K), and dim to warm (2200K - 3000K) available.

Bezel-less Design

With Vode's Critical Edge™ design the lens goes to the edge delivering a ribbon of light with no gaps.

Versatile Mounting Options with Easy Installation

Magnet mount to any surface, compatible with suspended ceiling systems using Vode's adjustable ceiling clips for simple installation.



Nexa 3.25", Honeycomb Louver, Black Anodized



Nexa 3.25", Critical Edge, Clear Anodized, Integral Power

Build Your Specification

807					
System	Rail Type	System Type	System Length	Rail Length	
807 System 807	NX3 Nexa 3.25" (83mm) NX5 Nexa 5.25" (133mm)	SL Surface RS Recessed	Change to specify overall system length in ft/in or M/mm. Corner and Shapes Available See Guide for details.	24 24" (610mm) 30 30" (762mm) ¹ 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) 90 90" (2286mm) ¹ 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. Integral Power lengths are not whole numbers at ends of fixture runs to account for T-Bar grid. See Layout on page 10 for details.

			0		
Mounting	Strut Channel		Arm/Cord Length	Power Location	
Surface Mount	SC Strut Channel Clip		0 None	Remote Power	
Drywall & Masonry	Armstrong Ceilings			RP10 10' (3.04m) 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	
SM Surface Mount Magnet ²	Add an 'A' to the end of the mounting spec code example: G1A, G6A, T1A			Integral Power ³	
Suspended Ceiling	Recessed			IP Integral Power	
T1 9/16" T-Bar Clip, low profile	Integral Driver ³				
T5 9/16" T-Bar Clip, medium profile	RSC Suspended Ceiling, Recessed				
T2 15/16" T-Bar Clip, low profile	Armstrong Ceiling ³				
T3 15/16" T-Bar Clip, medium profile	RAC Recessed Armstrong Suspended Ceilings (ACT On-Center, TECHZONE™, Formations™, Direct Cove, ACOUSTIBUILT®, Drywall Linear Lighting Kit, and METALWORKS™)				
T4 15/16" T-Bar Clip, concealed					
T6 Slotted T-Bar Clip					
T7 Dimensional T-Bar Clip					
DM Armstrong® DynaMax™					
Wood Ceilings					
G1 Grille Tegular Vertical Slats 9/16"					
G2 Grille Tegular Vertical Slats 15/16"					
G3 Grille Tegular Horizontal Slats					
G4 Grille 1-3/8" Slat					
G5 Grille 5-1/4" Slat Height					
G6 Grille 3-1/4" Slat Height					

			Z		
Power Type	Optimized Power	Voltage	Emergency Power	LED Type	
Flexible 1 to 1 Power	Add an 'O' to the end of the power type spec code. ⁵ example: AEO, ATO, ADO, etc.	1 120V 2 120V-277V ZZ Other (please specify)	0 No emergency power ZZ Emergency power (please specify)	Z Zipper Board	
AE 0-10v, 1.0% Dimming	VodeNODE				
AT 0-10v, 0.1% Dimming	Add 'N' to power type for Flexible 1 to 1 Power				
AD DALI, 0.1% Dimming	Add 'ON' to power type for Optimized Power ⁵				
AX DMX, 100-0% Dimming	example: AEN, ATN, AEON, ADON, etc.				
AH Hi-lume 1% EcoSystem, LDE ¹					
AH2 ELV 1% 2-wire (Forward and Reverse Phase) ⁴					

Lumen Output	Color Temperature	Optics	Sensors	Finish ⁷	Options
VLO Very Low Output	80+ CRI	CE Critical Edge	0 None	AL Clear Anodized	0 None
LO Low Output	27 2700K	HL Honeycomb Louver ⁶	ZZ Sensor (please specify)	BL Black Anodized	9 9' 18/3 Cord and Plug ⁸
SO Standard Output	30 3000K				CPS Chicago Plenum Fixture Adapter and Power ⁹
HO High Output	35 3500K				CPP Chicago Plenum Power ⁹
ZZ Other (please specify)	40 4000K				CPA Chicago Plenum Fixture Adapter ⁹
	90+ CRI				ZZ Other (please specify)
	279 2700K				
	309 3000K				
	359 3500K				
	409 4000K				
	TW Tunable White 2200K - 5000K				
	DW Dim to Warm 2200K - 3000K				
	RGBW 90+ CRI				
	C279 RGB Color, 2700K				
	C309 RGB Color, 3000K				
	C359 RGB Color, 3500K				
	C409 RGB Color, 4000K				
	ZZ Other (please specify)				

NOTES & LIMITATIONS
¹ Rail length not available for surface mount.
² Each magnet holds approximately 13.34kg (~29 lbs). See Surface Magnet Mount Tech Sheet for more details.
³ Integral Power only available with Nexa3 in recessed ceiling mounting applications.
⁴ VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type.
⁵ Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type.
⁶ Available for Nexa3. Consult factory for Nexa5.
⁷ Finish determines color of honeycomb louver. Consult factory for other variations of honeycomb louver finish.
⁸ 9' 18/3 Cord and Plug only available with Remote Power (RP).
⁹ Chicago plenum compatible with remote power only.

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.

Standard 5 Year Limited Warranty. See details [here](#). Contact factory for options on Limited Warranties up to 20 years.



Applications

General Interior and Open Office



Airport



Research Laboratory



Lobby

Applications

General Interior and Open Office



Hotel Corridor



Hospital Corridor



Warehouse

Sustainability & Certifications

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 | % Disclosed: 100% at 100ppm |
| ☒ LBC Red List Approved | VOC Content: Not Applicable |
| ☐ Declared | |

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

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.



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	3.25" (83mm) x 0.55" (14mm) x length. 5.25" (133mm) x 0.55" (15mm) x length.
Construction	Extruded and machined 6063 aluminum.
Mounting	Surface Mount Magnet. Each Magnet holds up to 29lbs (13.34kg). T-Bar Clips for most grid / panel construction. Strut Channel Clip. Adjustable T-Bar Clip. See Surface Magnet Mount Tech Sheet for more details.
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	NX3 0.75 lbs/ft. NX5 1 lbs/ft.

Materials

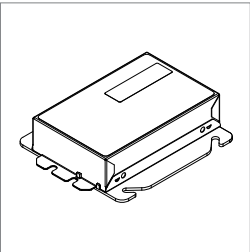
LED Board Construction	Flexboard. RoHS compliant Polyimide Flex PCB substrate.
Lens	High-impact extruded acrylic (PMMA).
Wire Harness	Ø3mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, red list free.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC or FEP overmold, RoHS compliant, red list free.
Remote Driver Housing	Galvanized Steel.

Power and Controls

Power Type	Class 2 (<60V output) constant current driver.
Dimming Controls	0-10V, DALI, DMX, and others available. See Power Guide for details.
Input Voltage	120V - 277V, 50/60hz.
Power Location	Remote power. Maximum remote distance up to 100' (31m) depending on driver selection. See Power Guide for details.

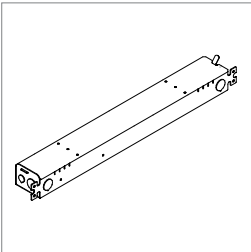
Remote power is locating the power supply away from the fixture. Remote power comes in three housing styles: brick style, linear style and VodeNODE. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



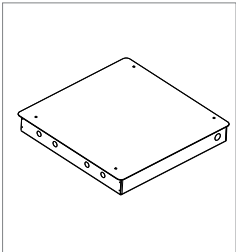
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



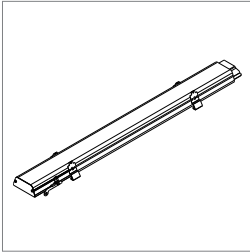
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

VodeNODE



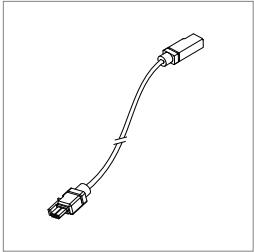
White powder coated, aluminum power enclosure with up to 600W maximum load. Fits most Vode standard linear drivers. Drivers are supplied prewired for ease of installation. See [Tech Sheet](#) for details.

Integral Power



One integral power housing is supplied to match the length of the fixture. The linear driver inside the power chassis can allow for single units or continuous runs. Available for Armstrong On Center only. See [Tech Sheet](#) for details.

Wire Harness

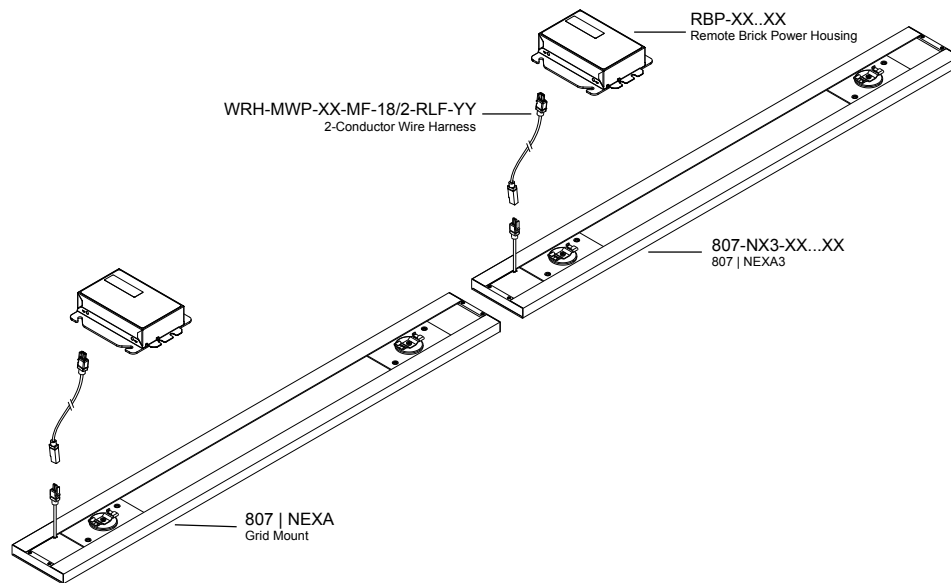


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

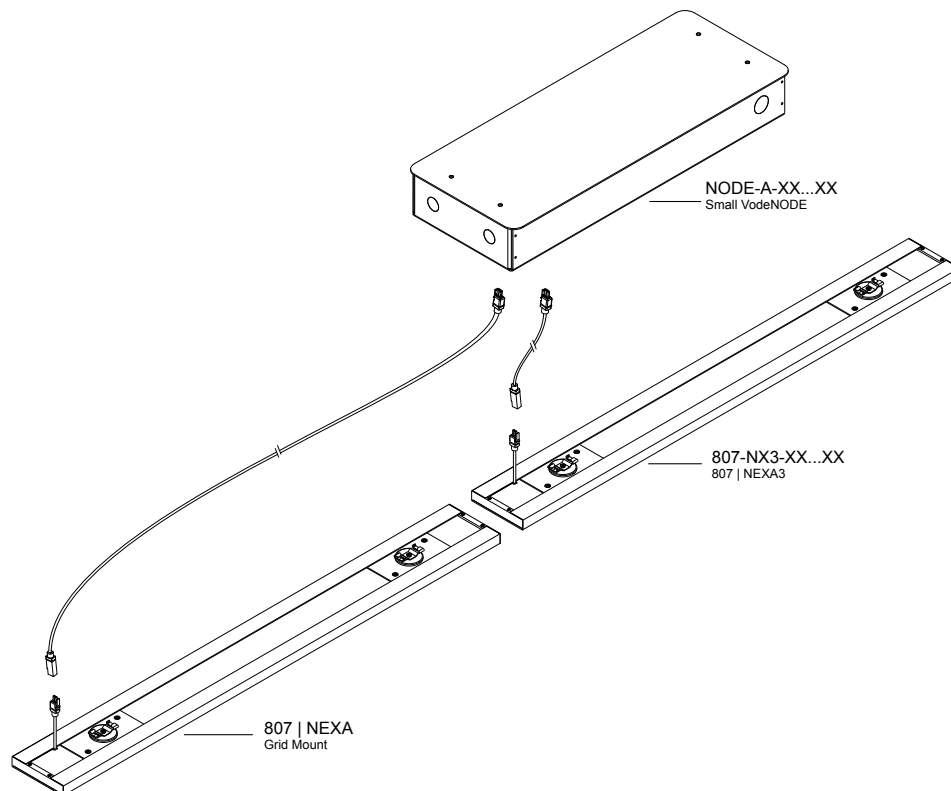
For Flexible 1 to 1 Power, Vode supplies one single output driver per rail, allowing each rail to be controlled independently. Direct rails are supplied with two single output drivers, allowing the direct lighting to be controlled independently. Consult [Power Guide](#) to determine which type you will 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.

Notes: Each rail will still require individual wire harnesses, as shown below. VodeNODE is not required for optimized power.



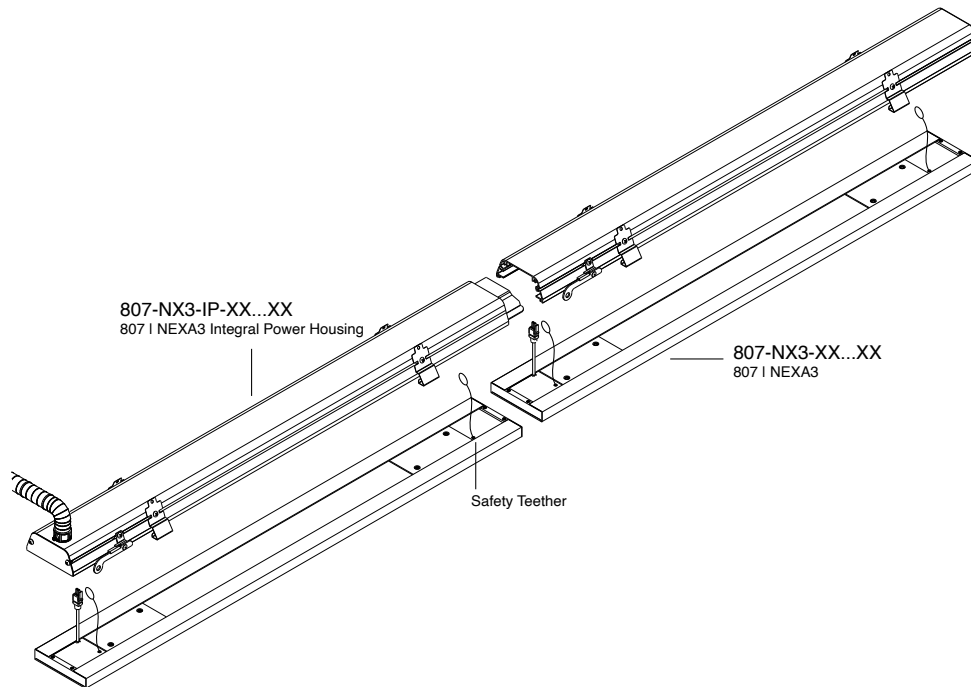
Notes: Drawings not to scale, for reference only.

Power and Controls

Integral Power

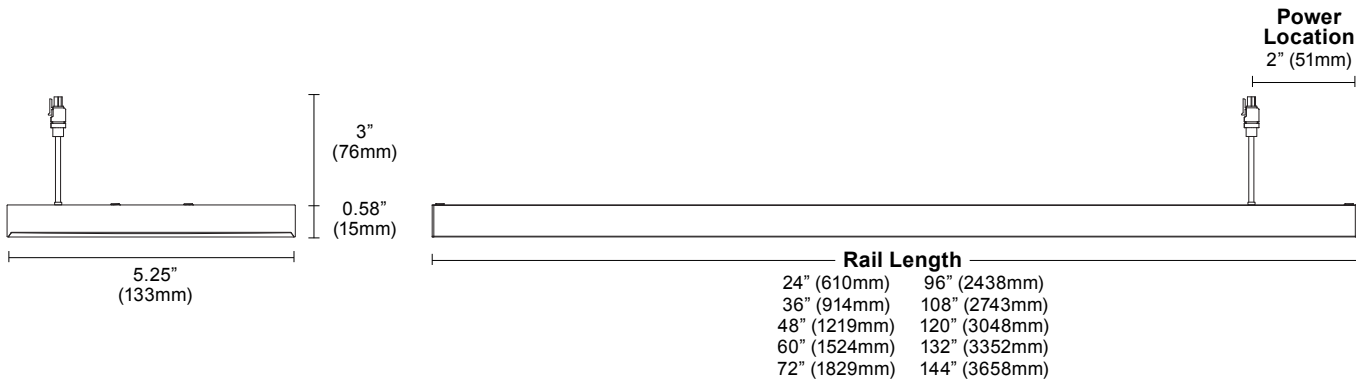
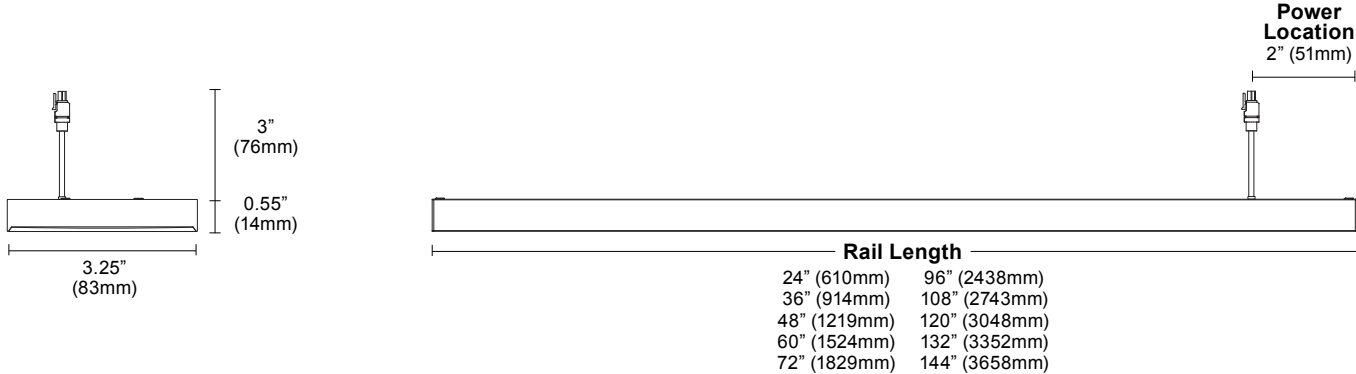
Vode supplies one integral power housing per rail. Single rail systems are provided with one driver per housing. For multiple rail systems a power harness is pre-installed in the housing to connect power and dimming controls through all the rails.

Notes: Integral Power only available with Nexa3 in recessed ceiling mounting applications. Refer to [page 9](#) for layout information.



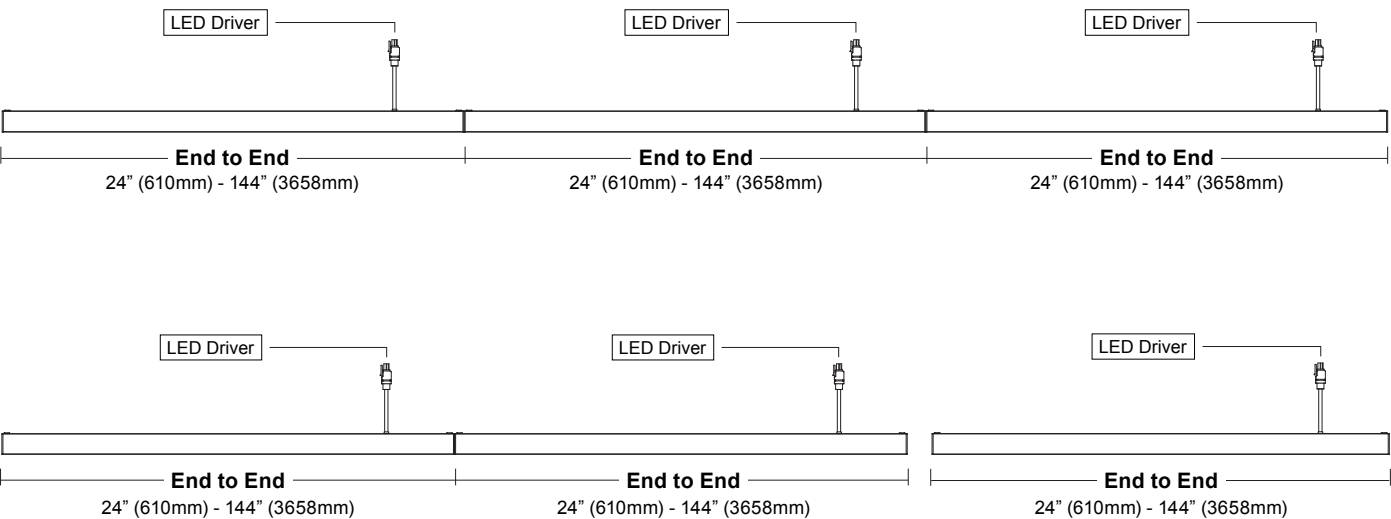
Dimensions

Remote Power



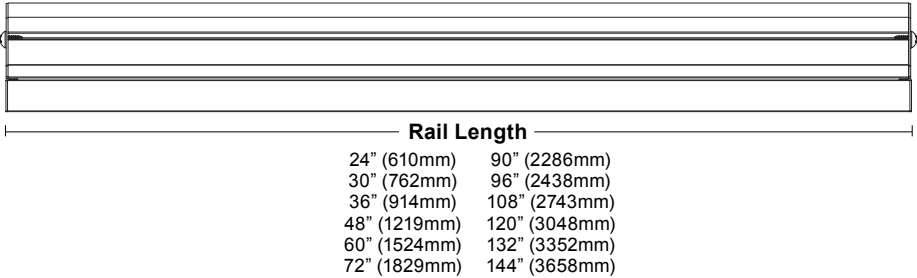
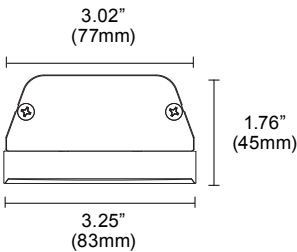
Layout

Remote Power



Dimensions

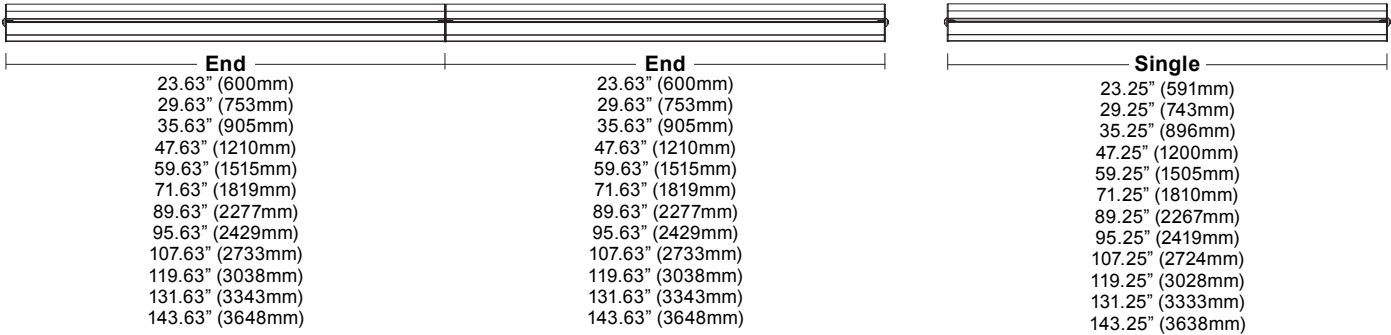
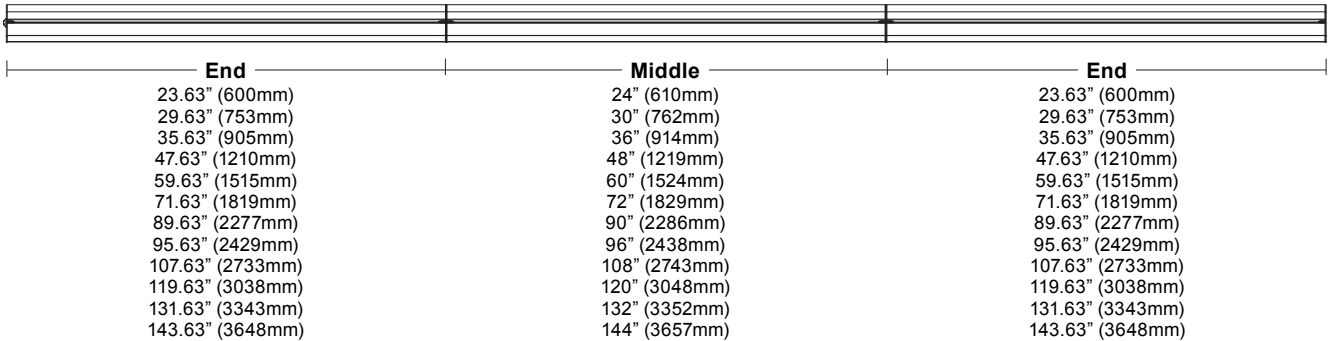
Integral Power



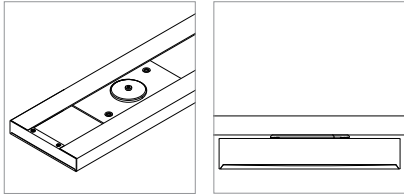
Layout

Integral Power

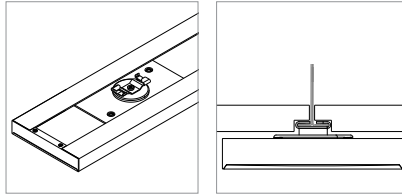
Note: Dimensions are not whole numbers at ends of fixture runs to account for T-Bar grid.



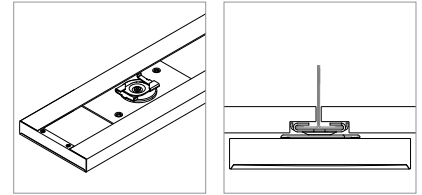
Mounting Options



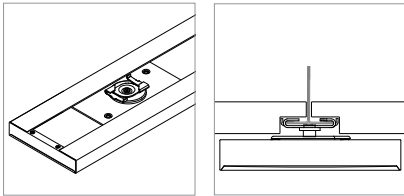
Surface Magnet Mount (**SM**)



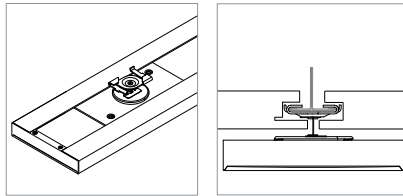
9/16" T-Bar Clip, Low Profile (**T1**)



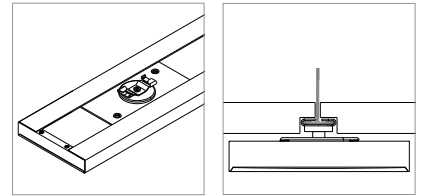
15/16" T-Bar Clip, Low Profile (**T2**)



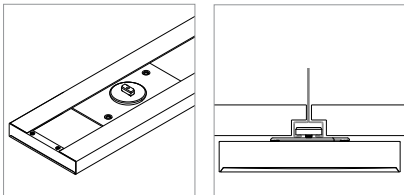
15/16" T-Bar Clip, Medium Profile (**T3**)



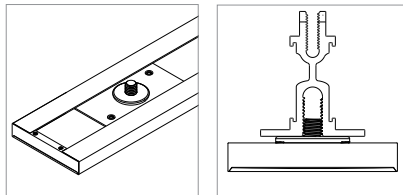
15/16" T-Bar Clip, Concealed (**T4**)



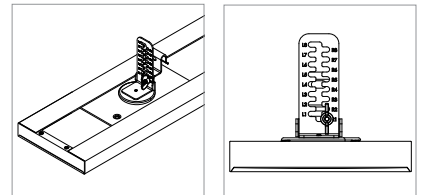
9/16" T-Bar Clip, Medium Profile (**T5**)



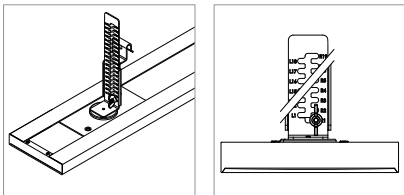
Slotted T-Bar Clip (**T6**)



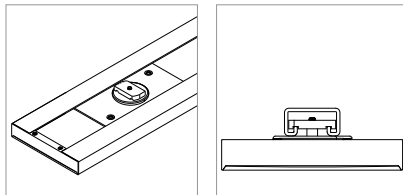
Armstrong Dynamax (**DM**)



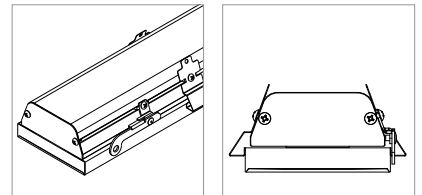
Adjustable T-Bar Clip, Small (**G1-G6**)



Adjustable T-Bar Clip, Large (**G1-G6**)



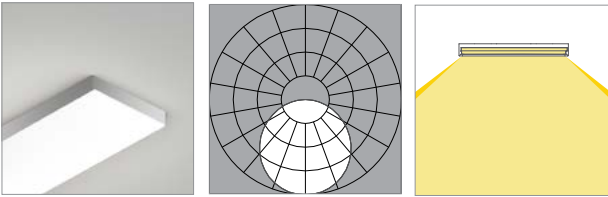
Strut Channel Clip (**SC**)



Suspended Ceiling, Recessed (**RSC**)
Recessed Armstrong Suspended Ceilings (**RAC**)

Performance | Zipper Board Optics

Nexa 3.25", Critical Edge, Clear Anodized



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	120	124	126	126	101	104	106	107
Lumens per foot (305mm)	395	407	415	415	331	342	349	352
Watts per foot (305mm)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3

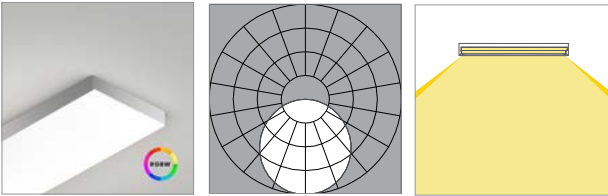
	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
Standard Output (SO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	120	124	126	126	101	104	106	107
Lumens per foot (305mm)	789	814	831	831	663	684	698	705
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
High Output (HO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	153	158	161	161	128	132	135	136
Lumens per foot (305mm)	1500	1547	1578	1578	1259	1299	1326	1339
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).
RGBW (red, green, blue, and white) tested with **all channels on**.

Nexa 3.25", Critical Edge, Clear Anodized



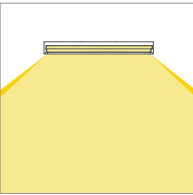
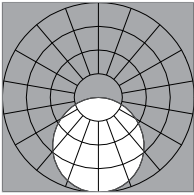
L80 >60,000 hours

Low Output LO)	RGBW Color, 90 CRI (90min., 96 avg.)				
	2700K	3000K	3500K	4000K	
	Efficacy - Lumens per Watt	52	54	55	56
	Lumens per foot (305mm)	437	451	460	464
	Watts per foot (305mm)	8.5	8.5	8.5	8.5

Standard Output (SO)	RGBW Color, 90 CRI (90min., 96 avg.)				
	2700K	3000K	3500K	4000K	
	Efficacy - Lumens per Watt	50	54	55	56
	Lumens per foot (305mm)	663	707	724	733
	Watts per foot (305mm)	13.3	13.3	13.3	13.3

Performance | Zipper Board Optics

Nexa 5.25", Critical Edge, Clear Anodized



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	128	132	135	135	108	111	113	115
Lumens per foot (305mm)	422	435	444	444	354	365	373	376
Watts per foot (305mm)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3

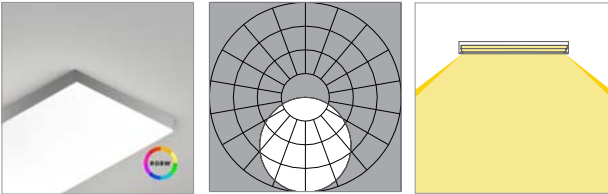
	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
Standard Output (SO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	128	132	135	135	108	111	113	115
Lumens per foot (305mm)	843	870	888	888	708	731	746	753
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
High Output (HO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	163	168	172	172	137	141	144	146
Lumens per foot (305mm)	1602	1653	1686	1686	1346	1388	1416	1431
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).
RGBW (red, green, blue, and white) tested with **all channels on**.

Nexa 5.25", Critical Edge, Clear Anodized



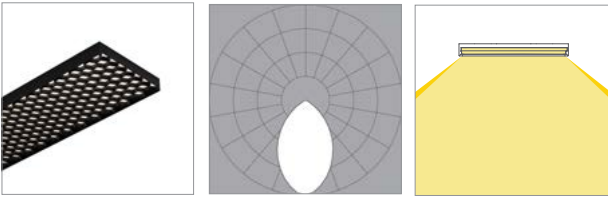
L80 >60,000 hours

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Low Output (LO)				
Efficacy - Lumens per Watt	58	60	61	62
Lumens per foot (305mm)	484	499	510	515
Watts per foot (305mm)	8.5	8.5	8.5	8.5

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Standard Output (SO)				
Efficacy - Lumens per Watt	56	59	61	62
Lumens per foot (305mm)	734	783	803	813
Watts per foot (305mm)	13.3	13.3	13.3	13.3

Performance | Zipper Board Optics

Nexa 3.25", Honeycomb Louver, Black Anodized



L80 >60,000 hours

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	55	57	58	58	46	48	49	49
Lumens per foot (305mm)	181	186	190	190	152	156	160	161
Watts per foot (305mm)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3

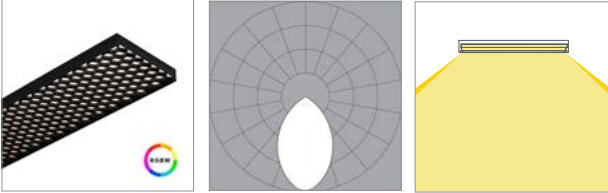
Standard Output (SO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	55	57	58	58	46	48	49	49
Lumens per foot (305mm)	361	372	380	380	303	313	319	322
Watts per foot (305mm)	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7

High Output (HO)	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	70	72	74	74	59	61	62	63
Lumens per foot (305mm)	686	708	722	722	576	594	607	613
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).
RGBW (red, green, blue, and white) tested with **all channels on**.

Nexa 3.25", Honeycomb Louver, Black Anodized



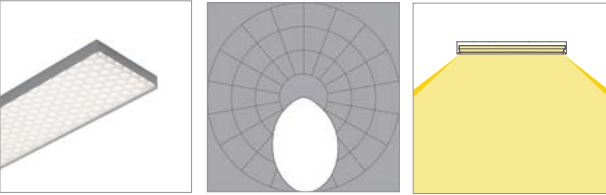
L80 >60,000 hours

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Low Output (LO)				
Efficacy - Lumens per Watt	24	25	25	26
Lumens per foot (305mm)	200	206	210	212
Watts per foot (305mm)	8.5	8.5	8.5	8.5

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Standard Output (SO)				
Efficacy - Lumens per Watt	29	30	31	31
Lumens per foot (305mm)	380	391	399	403
Watts per foot (305mm)	13.3	13.3	13.3	13.3

Performance | Zipper Board Optics

Nexa 3.25", Honeycomb Louver, Clear Anodized



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	116	118	118	94	97	99	100
Lumens per foot (305mm)	369	380	388	388	310	319	326	329
Watts per foot (305mm)	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3

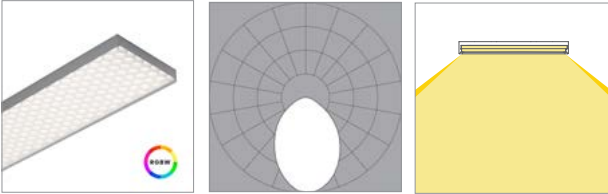
	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
Standard Output (SO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	112	115	118	118	94	97	99	100
Lumens per foot (305mm)	737	760	776	776	619	639	652	658
Watts per foot (305mm)	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
High Output (HO)	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	143	147	150	150	120	124	126	127
Lumens per foot (305mm)	1401	1445	1474	1474	1176	1214	1238	1251
Watts per foot (305mm)	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9

Performance | Zipper Board Optics | RGBW

Zipper Board Optics design has 72 diodes per foot (305mm).
RGBW (red, green, blue, and white) tested with **all channels on**.

Nexa 3.25", Honeycomb Louver, Clear Anodized



L80 >60,000 hours

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Low Output (LO)				
Efficacy - Lumens per Watt	49	50	51	52
Lumens per foot (305mm)	408	421	430	434
Watts per foot (305mm)	8.5	8.5	8.5	8.5

	RGBW Color, 90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K
Standard Output (SO)				
Efficacy - Lumens per Watt	59	61	62	63
Lumens per foot (305mm)	775	800	816	824
Watts per foot (305mm)	13.3	13.3	13.3	13.3