



Spec Guide

Nexa 5 | 807



Direct lighting for general interior applications.



Nexa 5.25", Critical Edge, Clear Anodized

Benefits & Features

Minimal Profile, Seamless Design

Thin profile at 5.25" (133mm) x 0.58" (15mm).

Superior Light Quality & Performance

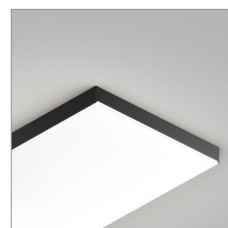
Output up to 1650 lm/ ft. 80 or 90 CRI, tunable white (2200K - 5000K), and dim to warm (2200K - 3000K) available.

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 5.25", Critical Edge, Black Anodized

Build Your Specification

807					»
System 807 System 807	Rail Type NX5 Nexa 5.25" (133mm)	System Type SL Surface	System Length Change to 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.

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Mounting	Strut Channel	Arm/Cable Length	Power Location	
Surface Mount	SC Strut Channel Clip	0 None	Remote Power	
Drywall & Masonry	Armstrong Ceilings		RP10 10' (3.04m) Wire Harness	
SM Surface Mount Magnet ¹	Add an 'A' to the end of the mounting spec code example: G1A, G6A, T1A		RP25 25' (7.62m) Wire Harness	
Suspended Ceiling	Recessed		RP50 50' (15.24m) Wire Harness	
T1 9/16" T-Bar Clip, low profile			RP75 75' (22.86m) Wire Harness	
T5 9/16" T-Bar Clip, medium profile			RP100 100' (30.48m) Wire Harness	
T2 15/16" T-Bar Clip, low profile				
T3 15/16" T-Bar Clip, medium profile				
T4 15/16" T-Bar Clip, concealed				
T6 Slotted 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. ³ example: AEO, ATO, ADO, etc.	1 120V	0 No emergency power	Z Zipper Board	
AE 0-10v, 1.0% Dimming	VodeNODE	2 120V-277V	ZZ Emergency power (please specify)		
AT 0-10v, 0.1% Dimming	Add 'N' to power type for Flexible 1 to 1 Power	ZZ Other (please specify)			
AD DALI, 0.1% Dimming	Add 'ON' to power type for Optimized Power ³ example: AEN, ATN, AEON, ADON, etc.				
AX DMX, 100-0% Dimming					
AH Hi-lume 1% EcoSystem, LDE					
AH2 ELV 1% 2-wire (Forward and Reverse Phase) ⁵					

»					
Lumen Output	Color Temperature	Optics	Sensors	Finish	Options
VLO Very Low Output	80+ CRI	CE Critical Edge	0 None	AL Clear Anodized	0 None
LO Low Output	27 2700K		ZZ Sensor (please specify)	BL Black Anodized	9 9' 18/3 Cord and Plug
SO Standard Output	30 3000K				CPS Chicago Plenum Fixture Adapter and Power ⁴
HO High Output	35 3500K				CPP Chicago Plenum Power ⁴
ZZ Other (please specify)	40 4000K				CPA Chicago Plenum Fixture Adapter ⁴
	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 ⁶				
	C279 RGB Color, 2700K				
	C309 RGB Color, 3000K				
	C359 RGB Color, 3500K				
	C409 RGB Color, 4000K				
	ZZ Other (please specify)				

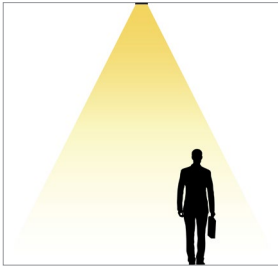
NOTES & LIMITATIONS
¹ Each magnet holds approximately 13.34kg (~29 lbs). See [Surface Magnet Mount Tech Sheet](#) for more details.
² VodeNODE enclosure is not available with ELV 1% 2-wire (AH2) Power Type.
³ Optimized Power is not available with Hi-lume 1% EcoSystem (AHO) Power Type.
⁴ Chicago plenum compatible with remote power only.
⁵ 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.
⁶ RGBW limited to a maximum of 60" for Standard and High Output

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 | Nexa | 807

General Interior and Open Office



Airport



Research Laboratory



Lobby

Applications | Nexa | 807

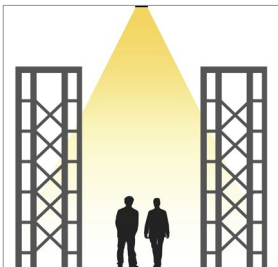
General Interior and Open Office



Hotel Corridor



Hospital Corridor



Warehouse

Applications | Nexa | 807

Specialty Cleanrooms & Dust-Sensitive Spaces



Modern Art Gallery



Museum Historical Artefact Display

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

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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	Nexa5, 24" (610mm) - 96" (2438mm). Modified lengths available. See Rail Length Chart .
Rail Dimensions	5.25" (133mm) x 0.58" (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	NX5 1 lbs/ft.

Materials

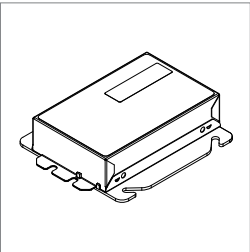
LED Board Construction	Flexboard. RoHS compliant Polyimide Flex PCB substrate.
Lens	High-impact extruded acrylic (PMMA).
Wire Harness	Ø3mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC or FEP, flame tested UL-910, red list free.
Cable Connectors	Unfilled black nylon, rated UL 94 V-0, halogen free, PVC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

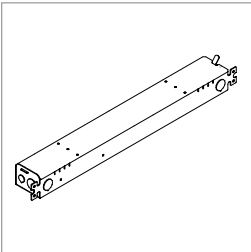
Remote power is locating the power supply away from the fixture. Remote power comes in three housing styles: brick style, linear style and VodeNODE. Consult [Power Guide](#) to determine which type you will receive.

Remote Brick Power Housing



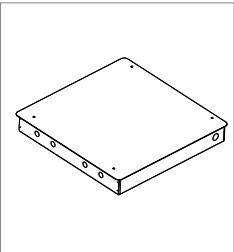
Supplied for some remote power applications. One remote power supply housing is supplied for each rail. Provided driver mounting plate fits standard 4" metal, square J-Boxes with a minimum volume of 21 in³ (J-Box not provided). See [Tech Sheet](#) for details.

Remote Linear Power Housing



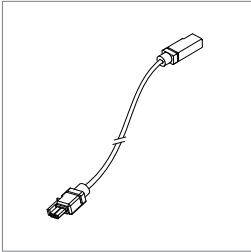
One remote power supply housing is supplied with each power supply. All Vode linear remote drivers come in a 0.054" (0.8mm) formed galvanized steel power supply housing with five (5) knockouts: (4) 1-1/8", (1) 7/8" and (1) 9/16". Accommodates standard linear power supplies. See [Tech Sheet](#) for details.

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.

Wire Harness

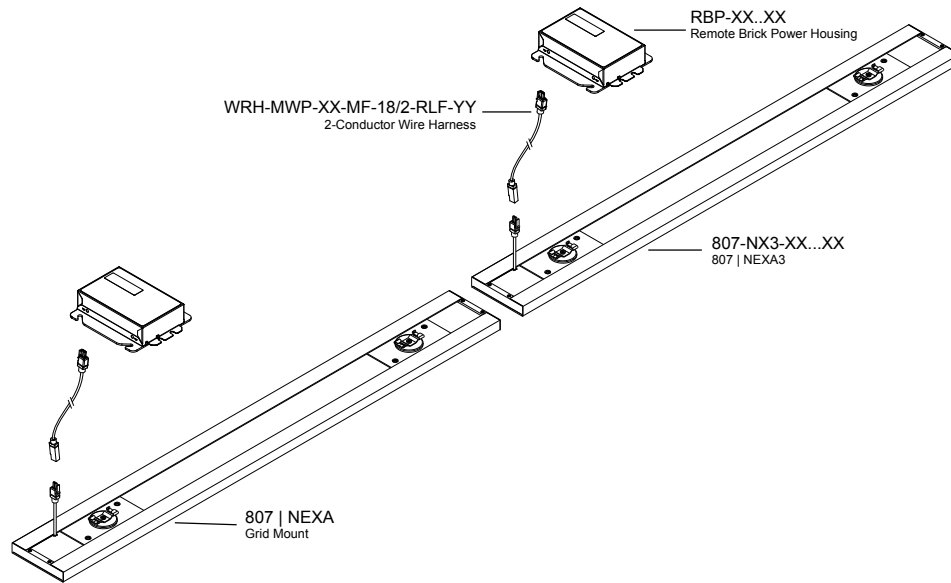


Wire harness connects driver to rail section. Lengths of 10' (3.0m) & 25' (7.6m) with snap-lock connectors for quick and easy installation. Multiple harnesses may be combined for lengths up to 100' (30.5m). See [Tech Sheet](#) for details.

Power and Controls

Flexible 1 to 1 power

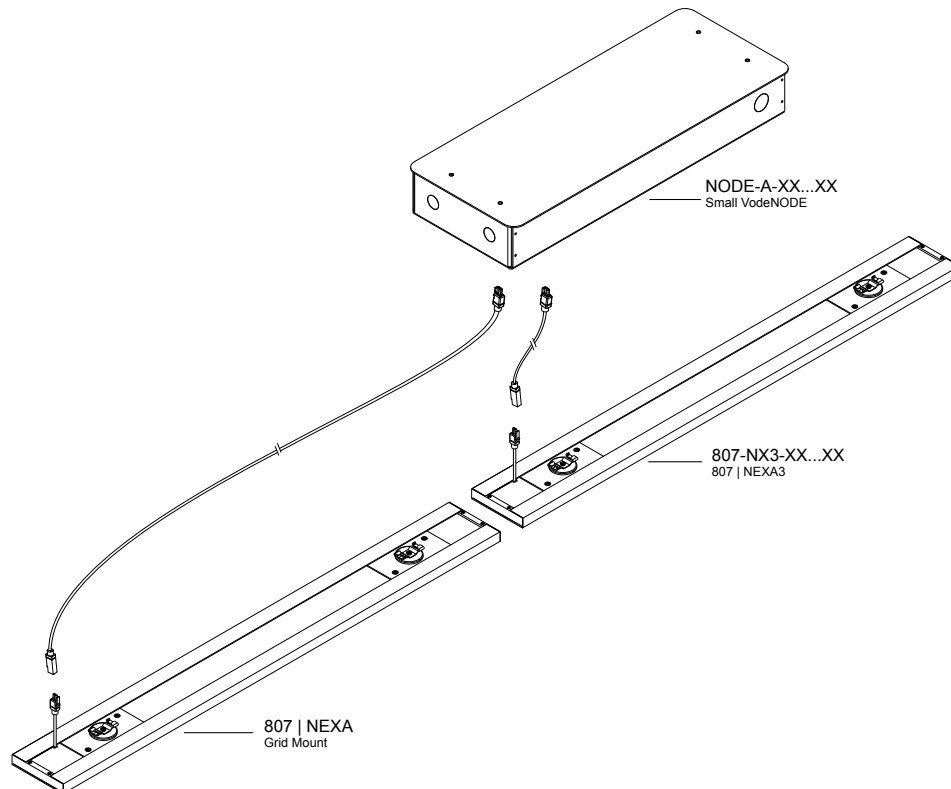
For Flexible 1 to 1 Power, Vode supplies one single output driver per rail, allowing each rail to be controlled independently. Direct rails are supplied with two single output drivers, allowing the direct lighting to be controlled independently. Consult [Power Guide](#) to determine which type you will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

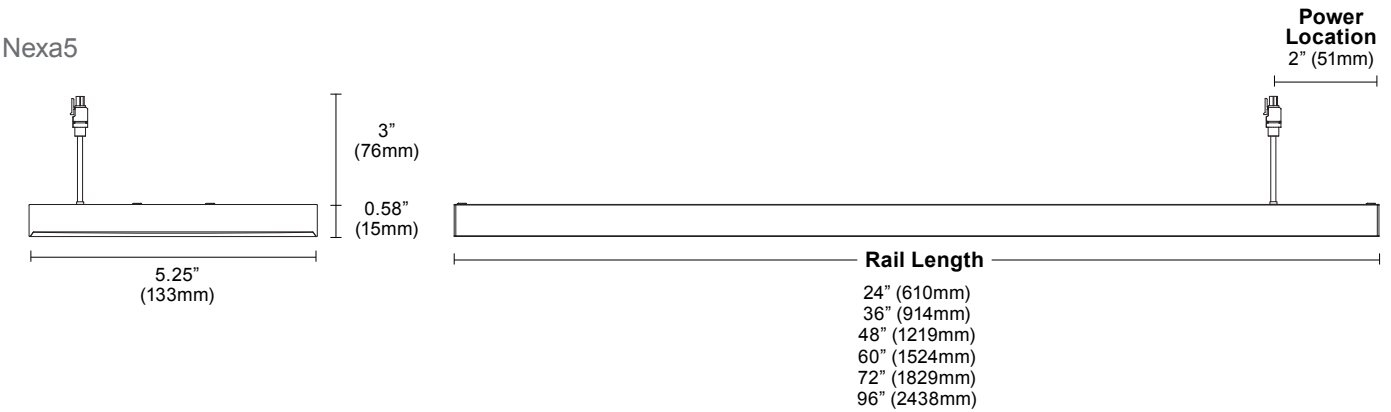


Notes: Drawings not to scale, for reference only.

Dimensions

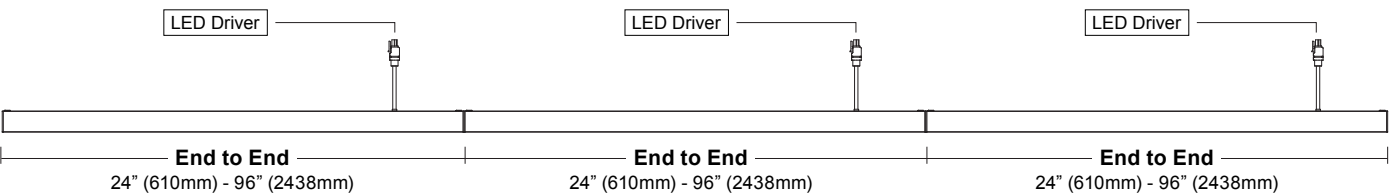
Remote Power

Nexa5

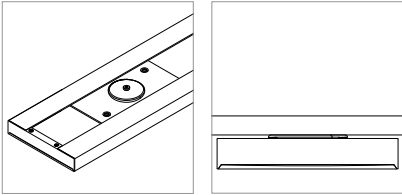


Layout

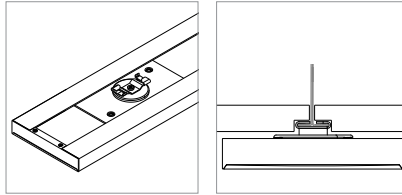
Nexa5



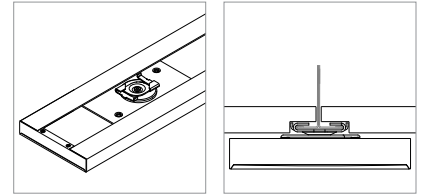
Mounting Options



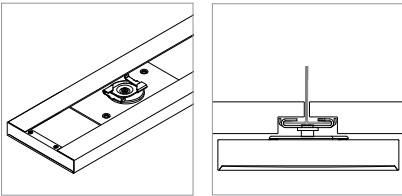
Surface Magnet Mount (**SM**)



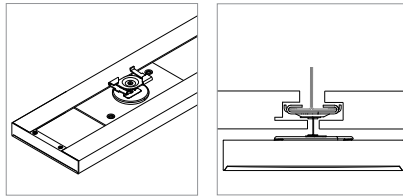
9/16" T-Bar Clip, Low Profile (**T1**)



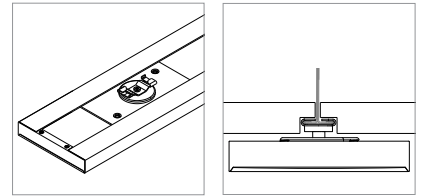
15/16" T-Bar Clip, Low Profile (**T2**)



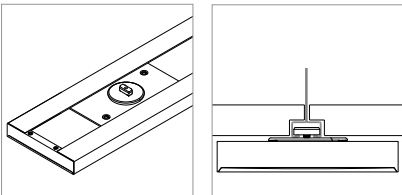
15/16" T-Bar Clip, Medium Profile (**T3**)



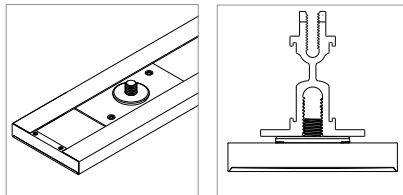
15/16" T-Bar Clip, Concealed (**T4**)



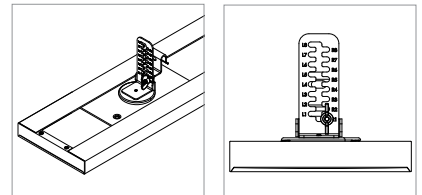
9/16" T-Bar Clip, Medium Profile (**T5**)



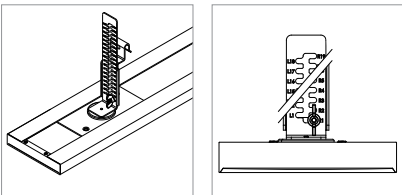
Slotted T-Bar Clip (**T6**)



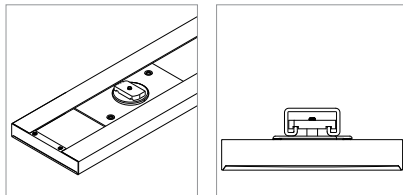
Armstrong Dynamax (**DM**)



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



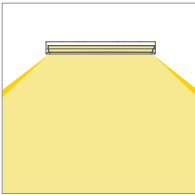
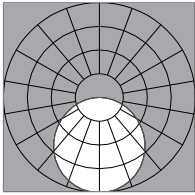
Adjustable T-Bar Clip, Large (**G1-G6**)



Strut Channel Clip (**SC**)

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.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Very Low Output (VLO)								
Efficacy - Lumens per Watt	114	118	120	120	96	99	101	102
Lumens per foot (305mm)	236	244	249	249	198	205	209	211
Watts per foot (305mm)	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1

	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	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

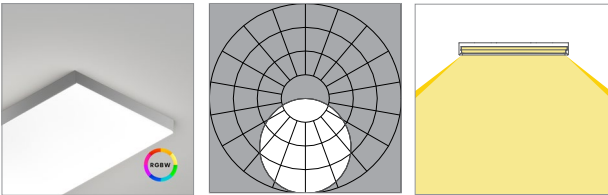
	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
Standard Output (SO)								
Efficacy - Lumens per Watt	128	132	135	135	108	111	113	115
Lumens per foot (305mm)	843	870	888	888	708	731	746	753
Watts per foot (305mm)	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6

	80 CRI (80min., 84 avg.)				90 CRI (90min., 96 avg.)			
	2700K	3000K	3500K	4000K	2700K	3000K	3500K	4000K
High Output (HO)								
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
Very Low Output (VLO)				
Efficacy - Lumens per Watt	66	68	69	70
Lumens per foot (305mm)	136	140	143	144
Watts per foot (305mm)	2.1	2.1	2.1	2.1

	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

Patent Marking

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