



Spec Guide

RaceRail™ | Ceiling Cable | 107

Direct or indirect lighting for general interior and open office applications.



RaceRail: direct or indirect, infinite rotation.

Benefits & Features

Super Slim, Adaptive Design

Round profile, Ø1.12" (28mm), infinite rotation, angle gage and lock.

Superior Light Quality & Performance

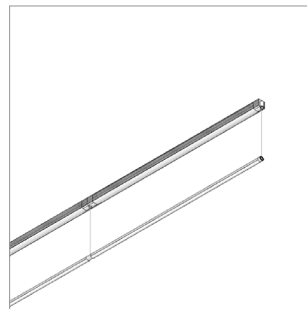
Standard Output is up to 97 lm/W, 599 lm/ft (1964 lm/m) and 85 CRI. Outputs up to 1091 lm/ft (3578 lm/m) are available (see spec sheet for more information).

Adaptive Power Modules

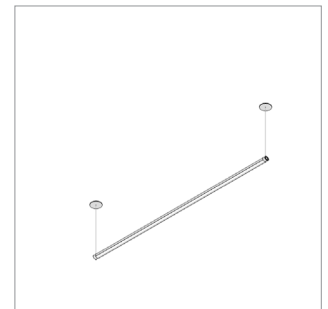
Integral or remote power, 0.1% dimming available for all configurations and protocols.

Simple Installation

Modular snap-fit assembly for quick installation and maintenance.



Shown: Integral Power

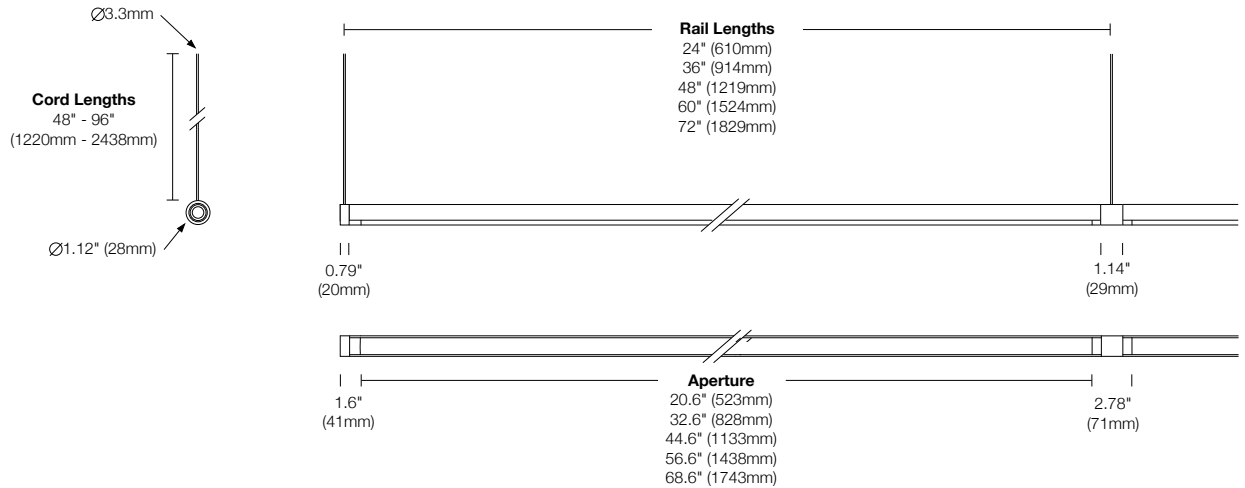


Shown: Small Round Canopy

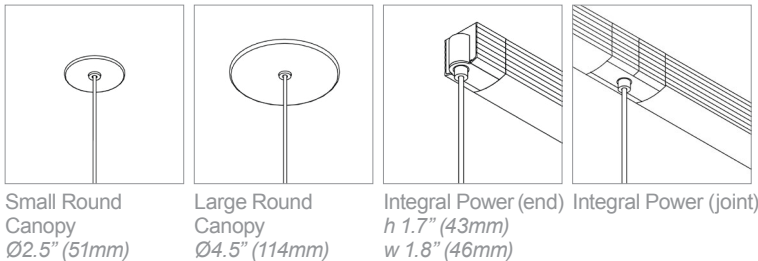
Multiple mounting hardware options designed to fit any application.

Structure

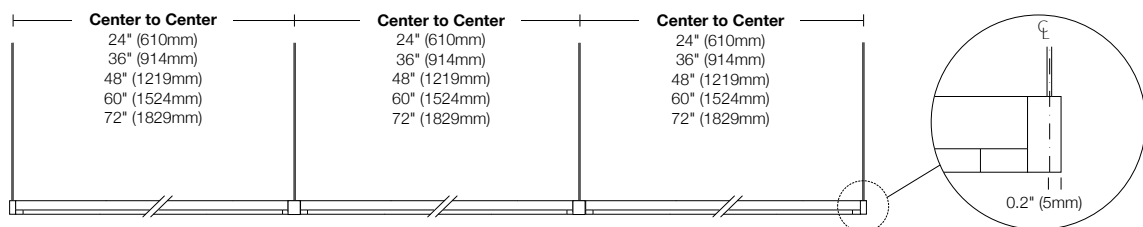
Rail Lengths	24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm).
Rail Dimensions	Ø1.12" (28mm).
Construction / Finish	Extruded and machined 6063 aluminum. Clear anodized, black anodized, white painted and non-standard finishes available.
Mounting	Ceiling mount to jbox or driver housing.
Cable Length	48" (1220mm) and 96" (2440mm) available. Field adjustable. Non-standard cable lengths available.
System Run Length	24" (610mm) minimum. Unlimited maximum.
Operating Temperature	32°F to 104°F (0°C to 40°C).
Humidity	0-85%, non-condensing.
System Weight	0.65lbs (0.29kg) per foot (305mm). ¹



Mounting Hardware



Layout



NOTES & LIMITATIONS

¹Weight based on system consisting of 4' (1219mm) rail and mounting hardware. Power supply and housing not included.

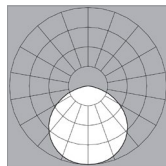
Power / Controls

Power Type	Class 2 (<60v output) constant current driver.
Dimming Controls	Dimming ¹ (0.1%, 1%) and 0-10v, DALI, Lutron EcoSystem™ are available. See Driver Guide for details.
Input Voltage	120v - 277v, 50/60hz.
Power Location	Integral or remote power. Maximum remote distance up to 72' (22m) depending on driver selection. See Driver Guide for details.

Zipper Board™

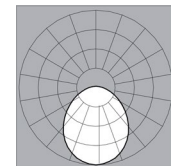
Zipper Board has 72 diodes per foot (305mm). Performance data for standard output listed below.²

Clear Lens



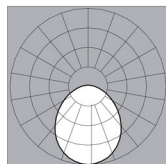
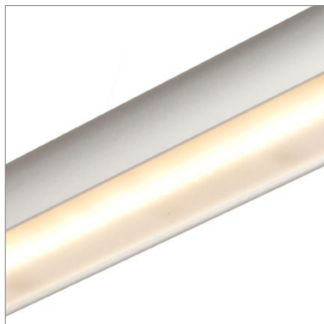
	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	86	89	94	97
Lumens per Foot (305mm) ³	531	553	576	599
Watts per Foot (305mm) ³	6.2	6.2	6.2	6.2
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

Diffuse Round Lens



	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	76	80	83	86
Lumens per Foot (305mm) ³	473	493	513	534
Watts per Foot (305mm) ³	6.2	6.2	6.2	6.2
CRI (>80 min., 85 avg.)	-	-	85	-
Lumen Maintenance	60,000 hours L80 @25°C			

Diffuse Flat Lens



	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	71	74	78	80
Lumens per Foot (305mm) ³	444	463	482	502
Watts per Foot (305mm) ³	6.3	6.3	6.3	6.3
CRI (>80 min., 85 avg.)	-	-	84	-
Lumen Maintenance	60,000 hours L80 @25°C			

NOTES & LIMITATIONS

¹Dimming curve is factory preset to linear. Logarithmic is available upon request.

²With non-standard output, RaceRail distributes up to 1091 lm/ft (3578 lm/m) at slightly reduced efficacy. See the [IES Files](#) page for data at high output.

³Based on testing 4' rail section. Lumen measurement complies with IES-LM-79-08 testing procedures.

Build Your Specification

107-RR	01			CC		
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System & Rail Type	Single/Double Rail	System Length	Rail Length	Mounting	Cable Length	Power Location
107-RR RaceRail	01 Single Rail	Specify system length in 1ft (305mm) increments.	Select Rail Length. If System Length is not divisible by Rail Length selected, Vode will complete the remainder with appropriate rail length(s). If a specific rail configuration is required, please select ZZ and identify the specific layout desired. 24 24" (610mm) 36 36" (914mm) 48 48" (1219mm) 60 60" (1524mm) 72 72" (1829mm) ZZ Other rail length or layout (please specify)	CC Ceiling Cable	<i>Field adjustable.</i> 48 48" cable (1219mm) 96 96" cable (2438mm) ZZ Other (please specify)	Integral Power IP Integral Power Remote Power 2R Small Round Canopy 4R Large Round Canopy

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Power Type ¹	Voltage	Emergency Power	LED Type	Lumen Output	Color Temperature
AE 0-10v, 1% dimming	1 120v	Contact Vode or your Vode agent for	Z Zipper Board	SO Standard Output	27 2700K
AT eldoLED 0-10v, 0.1% dimming	4 240v	emergency power options.		ZZ Other (please specify) ²	30 3000K
AD eldoLED DALI, 0.1% dimming	2 277v				35 3500K
AH Lutron EcoSystem, 1% dimming					40 4000K
ZZ Other (please specify)					ZZ Other (please specify)

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Optics	Sensors	Finish	Options
Zipper Board (Z)	0 None ZZ Other (please specify) ³	AL Clear Anodized WH White Painted BL Black Anodized ZZ Other (please specify)	0 None
0 Clear Lens			
1 Diffuse Flat Lens			
2 Diffuse Round Lens			
ZZ Other (please specify)			

NOTES & LIMITATIONS

¹Dimming curve is factory preset to linear. Logarithmic is available upon request.

²See [Driver Guide](#) for limitations. See the [IES Files](#) page for performance data at high output.

³Occupancy and daylight sensors are available.

Contact Vode or your Vode agent with your specific requirements.

5 Year Limited Warranty. All material and component parts used in the manufacture of Vode products are warranted to be free from defects of material and/or workmanship for a period of 5 years from date of sale. Product must be installed according to Vode installation instructions and accepted trade practices. Power supplies and other auxiliary equipment is not covered under Vode warranty but may be covered by separate OEM warranty. See full Vode warranty description [here](#).

Listed to UL standards for damp location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA.



LED Board Construction – Aluminum MCPCB, PPT connectors, RoHS compliant. Clear Lens, Diffuse Lens – High-impact extruded acrylic glass (PMMA). Power Cable – Ø4mm, 18/2 AWG, Plenum (CMP) rated semi-rigid PVC, flame tested UL-910. Cable Connectors – Unfilled black nylon, rated UL 94 V-0, halogen free, PVC overmold, RoHS compliant. Remote Power Housing – 1/16" (0.8mm) formed steel, zinc chromate plating.

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Credits, Page 1 Photo – Global Investment Firm, San Francisco, CA | Architecture: Bohlin Cywinski Jackson | Lighting Design: Banks Ramos Architectural Lighting Design | Photo: Matthew Millman Photography

