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Call your local Vode rep or
Vode Sales Support to order.
(707) 996-9898

Spec Guide

WingRail™ | Ceiling Cable | T5 | 105

Vertical-surface lighting for interior corporate, retail, and display applications.



WingRail, direct or indirect, 370° rotation.

Benefits & Features

Low Profile Robust Design

Asymmetric profile, 1.12" (28mm) x 2.12" (54mm), 370° rotation, angle gage and lock.

Superior Light Quality & Performance

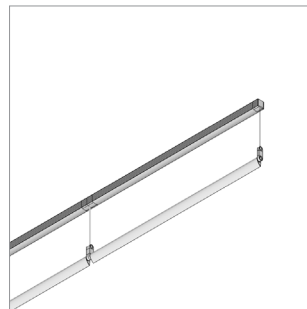
For HE & HO lamps. 49% efficacy. Extruded aluminum reflector with optional baffle or prismatic lens.

Adaptive Power Modules

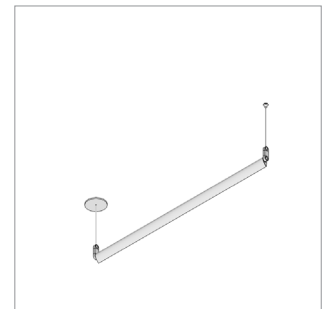
1% dimming available for most configurations and protocols.

Modular Design

Specification-grade adaptive system for easy integration into building structure and furniture.



Shown: Integral Ballast



Shown: Large Round Canopy

Structure

| | |
|-----------------------|---|
| Rail Lengths | 24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm), 96" (2438). |
| Rail Dimensions | 1.12" (28mm) x 2.12" (54mm). |
| Construction / Finish | Extruded and machined 6063 aluminum. Clear anodized (stock), black anodized, white painted and non-standard finishes available. |
| Mounting | Ceiling mount to jbox or integral ballast housing. <i>See following page for details.</i> |
| Cable Length | 60" (1524mm). Non-standard cable length available. |
| System Run Length | 2' (610mm) minimum. Unlimited maximum. |
| System Weight | 0.64lbs (0.29kg) per foot (305mm). ¹ |

Power / Controls

| | |
|-------------------|---|
| Ballast Type | Thermally protected Class P and Sound Rated A. |
| Controls | Non-dimming and dimming (1%, 10%), 0-10V, DALI, Lutron™ available for most configurations. <i>See Ballast Guide for details.</i> |
| Input Voltage | 120v, 240v, 277v. |
| Power Location | Integral or remote power. Maximum ballast distance from fixture up to 18' (5m) depending on ballast type. <i>See Ballast Guide for details.</i> |
| Emergency Ballast | Available with select ballasts. <i>See Ballast Guide for details.</i> |

Light

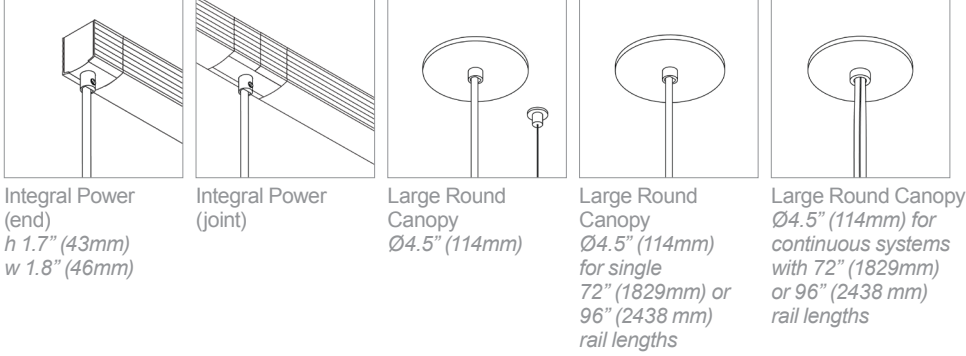
| | |
|---------------------------------|--|
| Fixture Efficacy (lm/W) | 49%. |
| Distribution | Asymmetric distribution, 83% direct, 17% indirect. |
| T5 Lamp HE (High Efficiency) | 14W = 24" (600mm) lamp. 21W = 36" (900mm) lamp. 28W = 48" (1200mm) lamp. 35W = 60" (1500mm) lamp. 42W = 72" (1800mm) = 2 x 36" (900mm) lamp, 21W per lamp. 56W = 96" (2400mm) = 2 x 48" (1200mm) lamp, 28W per lamp. |
| T5 Lamp HO (High Output) | 24W = 24" (600mm) lamp. 39W = 36" (900mm) lamp. 54W = 48" (1200mm) lamp. 80W = 60" (1500mm) lamp. 78W = 72" (1800mm) = 2 x 36" (900mm) lamp, 39W per lamp. 108W = 96" (2400mm) = 2 x 48" (1200mm) lamp, 54W per lamp. |
| Color Temperature | 3000K, 3500K, 4100K. Other color temperature lamps available on request. |

NOTES & LIMITATIONS

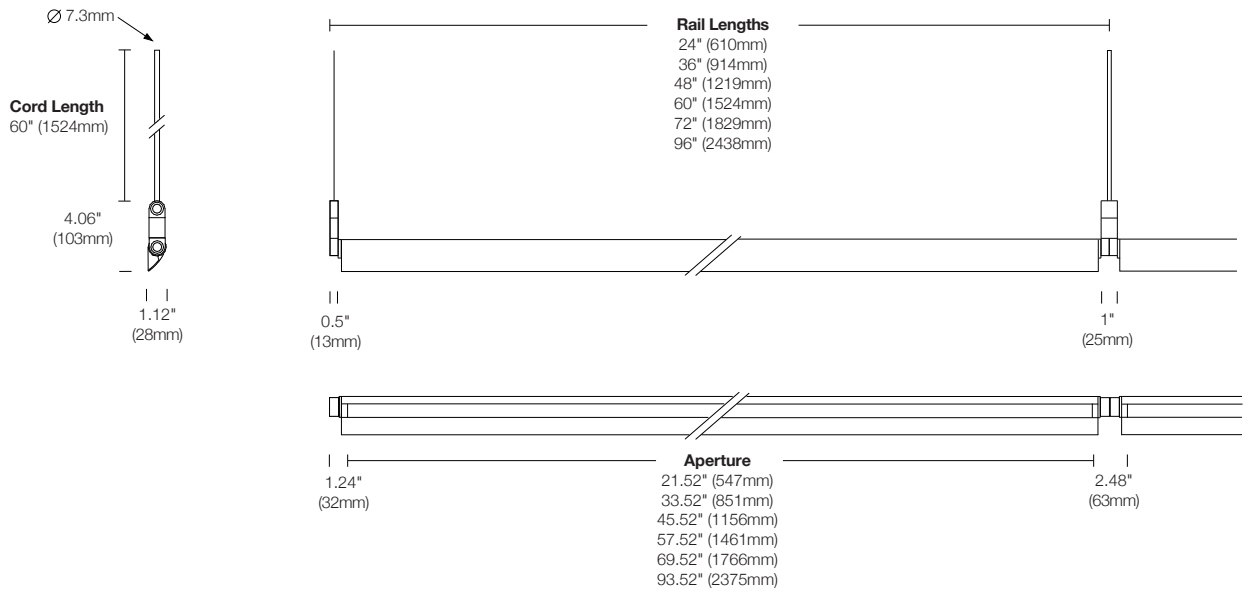
¹Weight based on system consisting of 4' (1219mm) rail, 4' (1219mm) cable drop and mounting hardware. Ballast and housing not included.

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Mounting Hardware



Dimensions



Materials

| | |
|----------------------|---|
| Prismatic Lens | High-impact extruded acrylic glass (PMMA). |
| Baffle | 6063 aluminum, painted white finish, RoHS compliant . |
| Suspension Cable | Ø7mm, 18/5 AWG, PVC jacket, FEP-Insulated, RoHS compliant. |
| Power Cable | Ø6mm, 18/4 AWG, fiberglass sheathing, FEP insulation, RoHS compliant. |
| Cable Connectors | Unfilled clear Nylon, rated UL 94 V-0, halogen free. RoHS compliant. |
| Remote Power Housing | 1/16" (0.8mm) formed steel, zinc chromate plating. |

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 dry and damp location by a NRTL (Notified Body) Laboratory (NRTL) recognized by OSHA.

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Build Your Specification

| | | | | | | |
|---------------|-----------|--|--|-----------|--|--|
| 105-WG | 01 | | | CC | | |
|---------------|-----------|--|--|-----------|--|--|

| System & Rail Type | Single/Double Rail | System Length | Layout | Mounting | Cable Length | Ballast Location |
|--------------------|--------------------|--|---|------------------|---|--|
| 105-WG WingRail | 01 Single Rail | Specify system length in 1ft (305mm) increments. | Select a standard layout using the Layout Chart on page 6. Find your desired overall system length and choose Layout A, B or C. This product is available with rail lengths from 2' (610mm) – 8' (2438mm). To select a non-standard layout, write "Z" above and specify your layout in comma-delimited feet/inches or millimeters. Example: 3',3',3',3' for a 12ft system. | CC Ceiling Cable | <i>Field Adjustable.</i> 60 60" cable (1524mm) Z Non-standard cable length (please specify) | Integral Ballast IB Integral Ballast JR Vode jbox w/instant start ballast, Large Round Canopy Remote Ballast 4R Large Round Canopy |

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
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| Ballast Type ¹ | Voltage | Emergency Ballast | Lamp Type | Finish |
|---|----------------------------|---|--|--|
| I Instant Start, Non-dimming A Programmed Start, Non-dimming E Lutron Ecosystem, 10% Dimming H Lutron Hi-Lume 3D, 1% Dimming J Lutron EcoSystem H-Series, 1% Dimming F 0-10v, 1% Dimming Z Other (please specify) | 1 120v 4 240v 2 277v | Specify number of emergency ballasts required. See Ballast Guide for details. | Supplied by Others HE High Efficiency (HE) HO High Output (HO) Supplied by Vode E30 Sylvania Pentron, 3000K (HE) E35 Sylvania Pentron, 3500K (HE) E41 Sylvania Pentron, 4100K (HE) O30 Sylvania Pentron, 3000K (HO) O35 Sylvania Pentron, 3500K (HO) O41 Sylvania Pentron, 4100K (HO) Z Other (please specify) | AL Clear Anodized (stock) WH White Painted BL Black Anodized Z Non-standard Finish (please specify) |

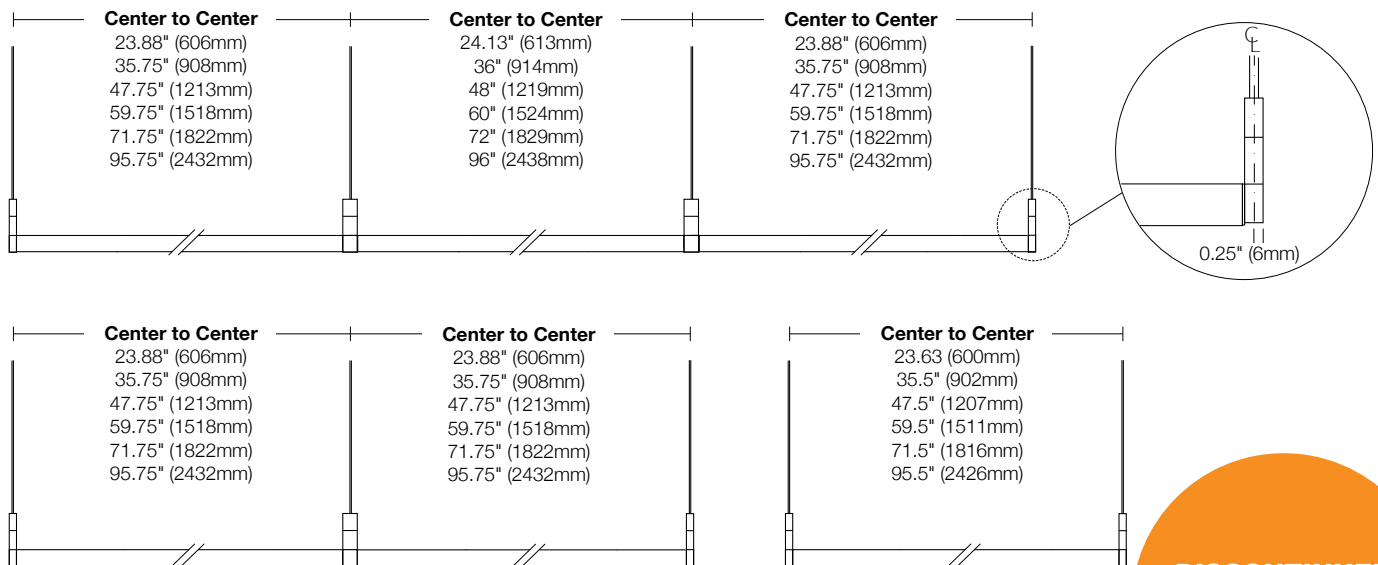
| | | |
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| Lens / Baffle | Sensors | Options |
|---|---|--|
| 0 None 1 Prismatic Lens ² B Baffle | 0 None Z Other (please specify) ³ | Select all that apply. 0 None 2 GLR Fuse 3 9' 18/3 Cord and Plug 4 Conduit adapter for end power feed ⁴ |

NOTES & LIMITATIONS

- ¹Some ballasts may not be compatible with your specification. See [Ballast Guide](#) for details.
- ²Not available with High Output (HO) Lamps.
- ³Occupancy and daylight sensors are available. Contact Vode or your Vode agent with your specific requirements.
- ⁴Requires Integral Ballast (IB).

Layout



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Credits, Page 1 Photo: JPC Architects, Bellevue, WA | Architecture: JPC Architects | Lighting Design: JPC Architects | Photo: Benjamin Benschneider.