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

Spec Guide

# BeeRail™ | Ceiling-Wall Arm | T5 | 105

Omni-directional lighting for general interior and open office applications.



BeeRail, direct/indirect, 370° rotation.

### Benefits & Features

#### Super Slim Design

Round profile, 1.55" (39mm) x 1.12" (28mm), 370° rotation, angle gage and lock.

#### Symmetric Distribution

For HE & HO lamps. 94% efficacy. Extruded aluminum spine.

#### Adaptive Power Modules

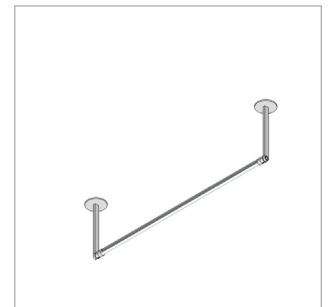
1% dimming available for most configurations and protocols.

#### Modular Design

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



Shown: Small Round Canopy



Shown: Large Round Canopy

## Structure

Rail Lengths	24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm).
Rail Dimensions	1.55" (39mm) x 1.12" (28mm).
Construction / Finish	Extruded and machined 6063 aluminum. Clear anodized (stock), black anodized, white painted and non-standard finishes available.
Mounting	Ceiling or wall mount to jbox or integral ballast housing. <i>See following page for details.</i>
Arm Length	1.25' (32mm) – 96" (2438mm). Non-standard arm lengths available.
System Run Length	2' (610mm) minimum. Unlimited maximum.
System Weight	0.74lbs (0.34kg) per foot (305mm). <sup>1</sup>

## 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 <a href="#">Ballast Guide</a> 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 <a href="#">Ballast Guide</a> for details.</i>
Emergency Ballast	Available with select ballasts. <i>See <a href="#">Ballast Guide</a> for details.</i>

## Light

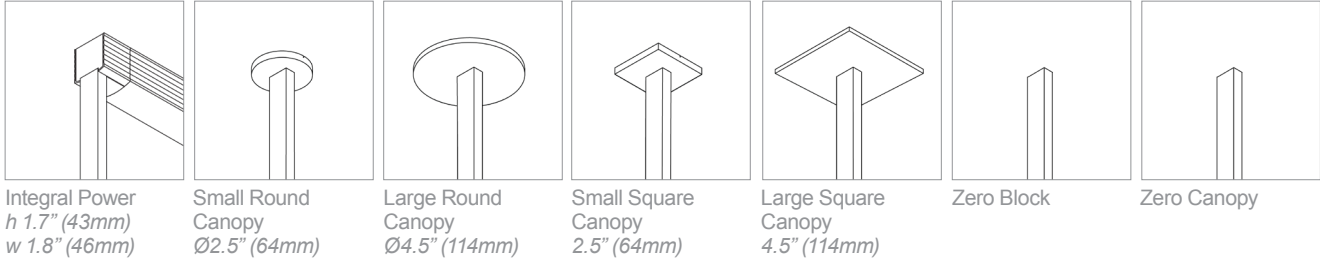
Fixture Efficacy (lm/W)	94%.
Distribution	Symmetric distribution, 55% direct. 45% indirect.
T5 Lamp HE (High Efficiency)	14W = 24" (600mm) lamp. 21W = 36" (900mm) lamp. 28W = 48" (1200mm) lamp. 35W = 60" (1500mm) lamp.
T5 Lamp HO (High Output)	24W = 24" (600mm) lamp. 39W = 36" (900mm) lamp. 54W = 48" (1200mm) lamp. 80W = 60" (1500mm) lamp.
Color Temperature	3000K, 3500K, 4100K. Other color temperature lamps available on request.

### NOTES & LIMITATIONS

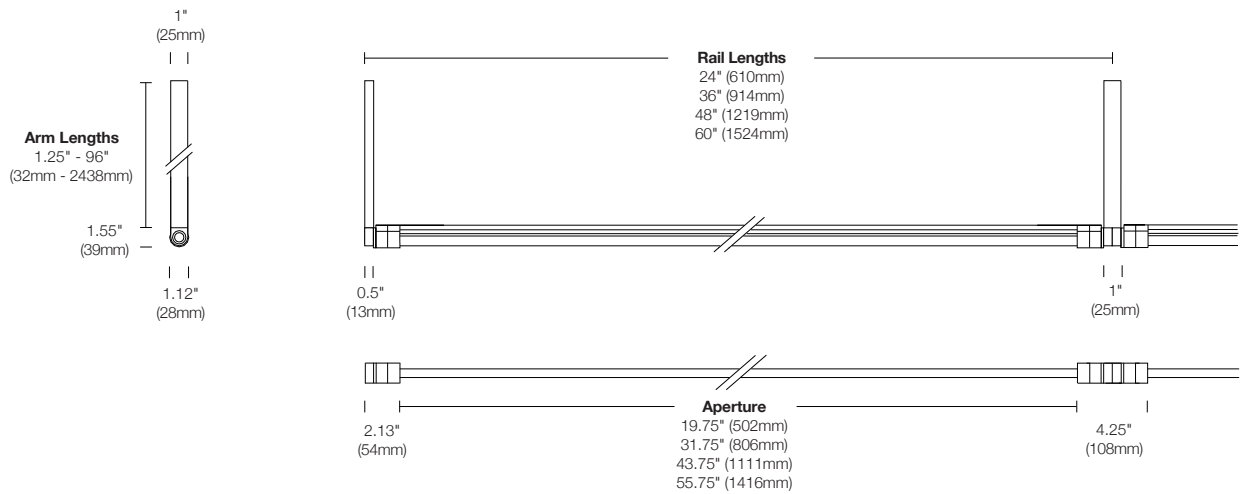
<sup>1</sup>Weight based on system consisting of 4' (1219mm) rail, 4' (1219mm) cable drop and mounting hardware. Ballast and housing not included.

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Mounting Hardware



Dimensions



Materials

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 Notified Body (NRTL) recognized by OSHA.

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## Build Your Specification

<b>105-BE</b>					
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System & Rail Type	Single/Double Rail	System Length	Layout	Mounting	Arm Length
105-BE BeeRail	<b>01</b> Single Rail <b>03</b> Double Rail w/3" (76mm) tee <b>06</b> Double Rail w/6" (76mm) tee <b>12</b> Double Rail w/12" (76mm) tee <b>18</b> Double Rail w/18" (76mm) tee <b>24</b> Double Rail w/24" (76mm) tee <b>Z</b> Double Rail w/non-standard tee (please specify)	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) – 5' (1524mm).  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.	<b>CA</b> Ceiling Arm <b>WA</b> Wall Arm	<b>1.25</b> 1.25" arm (32mm) <b>1.75</b> 1.75" arm (44mm) <b>3</b> 3" arm (76mm) <b>6</b> 6" arm (152mm) <b>12</b> 12" arm (305mm) <b>18</b> 18" arm (457mm) <sup>1</sup> <b>24</b> 24" arm (610mm) <sup>1</sup> <b>36</b> 36" arm (914mm) <sup>1</sup> <b>48</b> 48" arm (1219mm) <sup>1</sup> <b>Z</b> Non-standard arm length (please specify) <sup>1</sup>

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Ballast Location	Ballast Type <sup>3</sup>	Voltage	Emergency Ballast	Lamp Type	Finish
<b>Integral Ballast</b> <b>IB</b> Integral Ballast <b>JR</b> Vode jbox w/instant start ballast, Large Round Canopy <b>JS</b> Vode jbox w/ instant start ballast, Large Square Canopy  <b>Remote Ballast</b> <b>00</b> Zero Canopy <sup>2</sup> <b>0B</b> Zero Block <sup>2</sup> <b>2R</b> Small Round Canopy <b>2S</b> Small Square Canopy <b>4R</b> Large Round Canopy <b>4S</b> Large Square Canopy	<b>I</b> Instant Start, Non-dimming <b>A</b> Programmed Start, Non-dimming <b>E</b> Lutron Ecosystem, 10% Dimming <b>H</b> Lutron Hi-Lume 3D, 1% Dimming <b>J</b> Lutron EcoSystem H-Series, 1% Dimming <b>F</b> 0-10v, 1% Dimming <b>D</b> DALI, 1% Dimming <b>Z</b> Other (please specify)	<b>1</b> 120v <b>4</b> 240v <b>2</b> 277v	Specify number of emergency ballasts required. See <a href="#">Ballast Guide</a> for details.	<b>Supplied by Others</b> <b>HE</b> High Efficiency (HE) <b>HO</b> High Output (HO)  <b>Supplied by Vode</b> <b>E30</b> Sylvania Pentron, 3000K, HE <b>E35</b> Sylvania Pentron, 3500K, HE <b>E41</b> Sylvania Pentron, 4100K, HE <b>O30</b> Sylvania Pentron, 3000K, HO <b>O35</b> Sylvania Pentron, 3500K, HO <b>O41</b> Sylvania Pentron, 4100K, HO <b>Z</b> Other (please specify)	<b>AL</b> Clear Anodized (stock) <b>WH</b> White Painted <b>BL</b> Black Anodized <b>Z</b> Non-standard Finish (please specify)

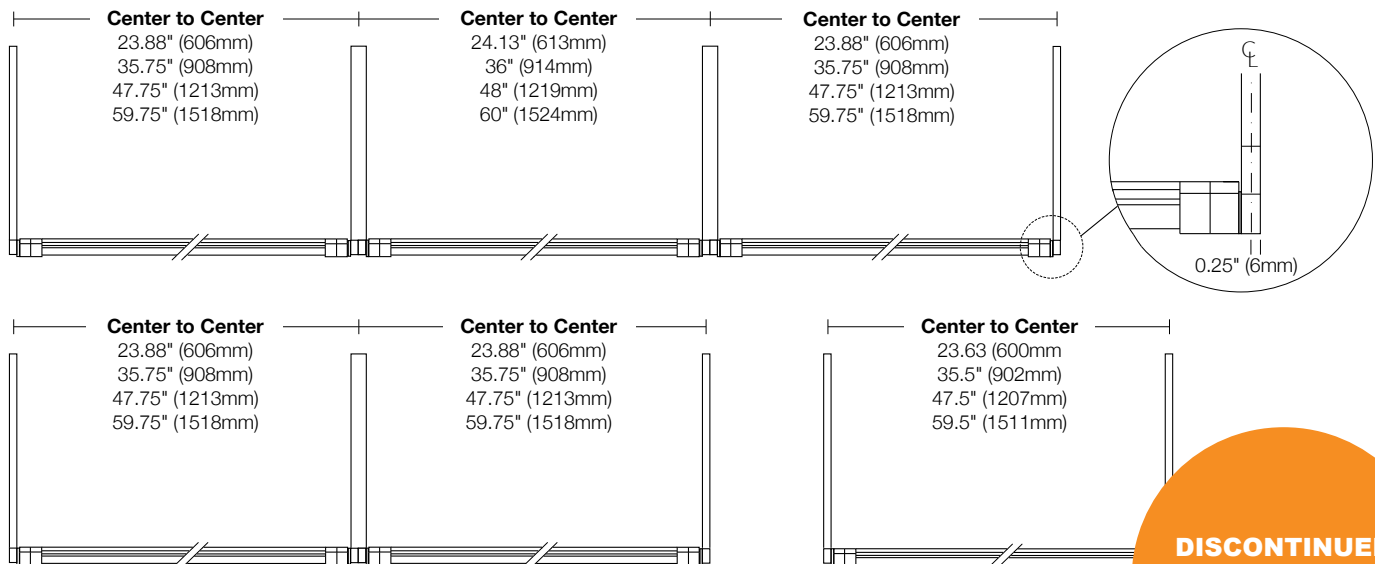
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Lens / Baffle	Sensors	Options
<b>0</b> None	<b>0</b> None <b>Z</b> Other (please specify) <sup>4</sup>	Select all that apply. <b>0</b> None <b>2</b> GLR Fuse <b>3</b> 9' 18/3 Cord and Plug <b>4</b> Conduit adapter for end power feed <sup>5</sup>

### NOTES & LIMITATIONS

- <sup>1</sup>For arms 18" and longer, wall-mounted systems include a cable tie-back.
- <sup>2</sup>Zero Canopy (00) and Zero Block (0B) is not available with 1.25" (32mm) arm length.
- <sup>3</sup>Some ballasts may not be compatible with your specification. See [Ballast Guide](#) for details.
- <sup>4</sup>Occupancy and daylight sensors are available. Contact Vode or your Vode agent with your specific requirements.
- <sup>5</sup>Requires Integral Ballast (IB).

## Layout



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Credits, Page 1 Photo: Hangar Design Group Offices, New York, NY | Architecture: Hangar Design Group | Photo: Paul Warchol Photography Inc.

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