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

Spec Guide

QueRail™ | Table Arm | T5 | 105

Task lighting for corporate, educational and library applications.



QueRail, direct or indirect, 370° rotation

Benefits & Features

Low Profile Robust Design

Symmetric profile, 1.17" (30mm) x 3.24" (82mm), 370° rotation, angle gage and lock.

Superior Light Quality & Performance

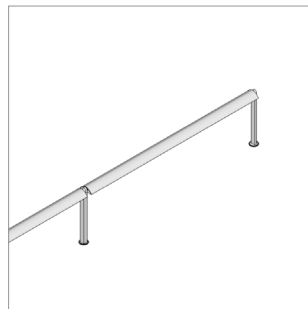
For HE & HO lamp. 82% efficacy. Baffle and prismatic lens options.

Adaptive Power Modules

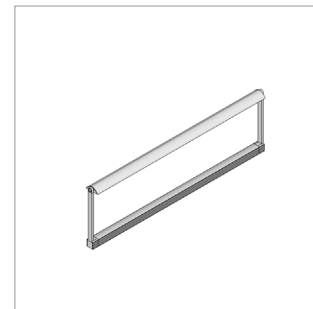
Integral or remote power, 1% dimming available for most configurations and protocols.

Elegant Power Accessories

In-table power receptacle and on/off switch options available.



Shown: Arm Anchor



Shown: Integral Ballast

Multiple mounting hardware options designed to fit any application.

Structure

| | |
|-----------------------|---|
| Rail Length | 24" (610mm), 36" (914mm), 48" (1219mm), 60" (1524mm), 72" (1829mm). |
| Rail Dimension | 1.17" (30mm) x 3.24" (82mm). |
| Construction / Finish | Extruded and machined 6063 aluminum. Clear anodized (stock), black anodized, white painted and non-standard finishes available. |
| Mounting | Table mount to Arm Anchor or integral ballast housing. <i>See following page for details.</i> |
| Arm Length | 1.25" (32mm) – 48" (1219mm). Non-standard arm lengths available. Arm lengths >48" (1219mm) not recommended. |
| System Run Length | 2' (610mm) minimum. Unlimited maximum. |

Power / Controls

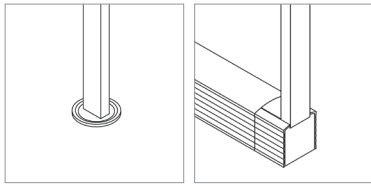
| | |
|-------------------|---|
| Ballast Type | <i>Thermally protected Class P and Sound Rated A.</i> |
| Controls | Non-dimming and dimming (1%, 10%). 0-10V, DALI, Lutron™ available for most configurations. <i>See Ballast Guide for details.</i> |
| Input Voltage | 120v, 240v, 277v. |
| Power Location | 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) | 78%. Accessories: Clear Dust Cover 74%, Baffle 63%. |
| Distribution | Symmetric distribution, 100% direct. |
| 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 |
| 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 |
| Color Temperature | 3000K, 3500K, 4100K available. Other color temperature lamps available upon request. |

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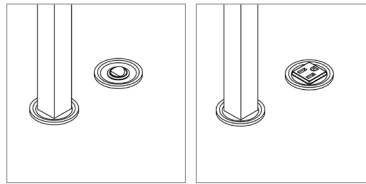
Mounting Hardware



Arm Anchor
h 0.1" (3mm)
Ø2" (51mm)

Integral Ballast
h 1.7" (43mm)
w 1.8" (46mm)

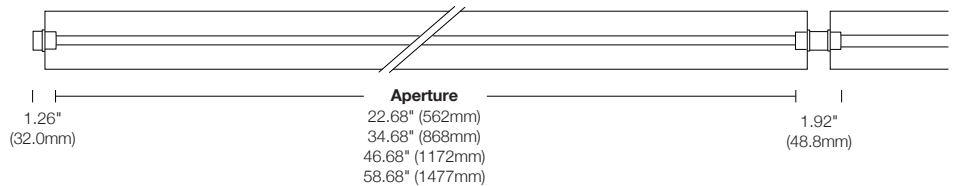
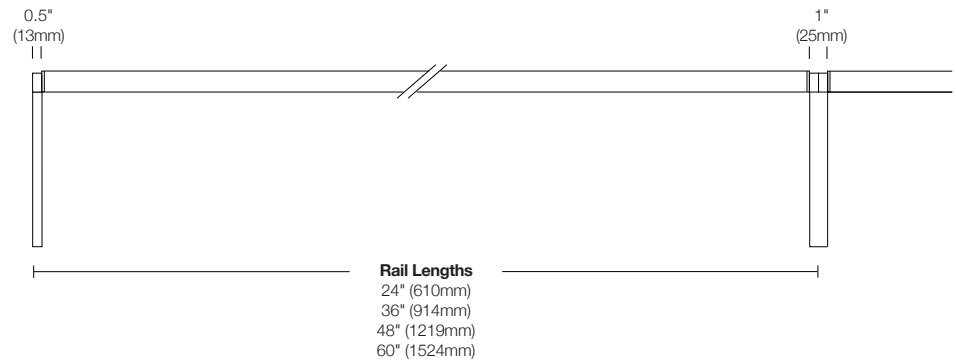
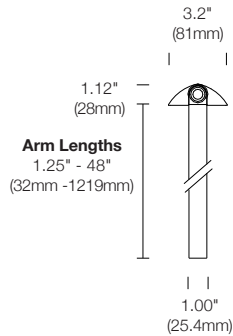
Accessories



On/Off Switch

Receptacle

Dimensions



Materials

| | |
|----------------------|---|
| Clear Lens | High-impact extruded acrylic glass (PMMA). |
| Prismatic Lens | High-impact extruded acrylic glass (PMMA). |
| Baffle | 6063 aluminum, painted white finish, 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 location by a Nationally Recognized Testing Laboratory (NRTL) recognized by OSHA.

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Build Your Specification

| | | | | | |
|--------|--|--|--|----|--|
| 105-QU | | | | TA | |
|--------|--|--|--|----|--|

| System & Rail Type | Single/Double Rail | System Length | Layout | Mounting | Arm Length | Ballast Location |
|--------------------|--|--|--|--------------|---|---|
| 105-QU QueRail | 01 Single Rail 03 Double Rail w/3" (76mm) tee 06 Double Rail w/6" (76mm) tee 12 Double Rail w/12" (76mm) tee 18 Double Rail w/18" (76mm) tee 24 Double Rail w/24" (76mm) tee Z 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. | TA Table Arm | 1.25 1.25" arm (32mm) 1.75 1.75" arm (44mm) 3 3" arm (76mm) 6 6" arm (152mm) 12 12" arm (305mm) 18 18" arm (457mm) 24 24" arm (610mm) 36 36" arm (914mm) 48 48" arm (1219mm) Z Non-standard arm length (please specify) ¹ | Integral Ballast IB Integral Ballast ² Remote Ballast 2T Arm Anchor |

| | | | | | |
|--|--|--|--|--|--|
| | | | | | |
|--|--|--|--|--|--|

| Ballast Type ³ | Voltage | Emergency Ballast | Lamp Type | Finish | Lens / Baffle |
|---|---------|---|---------------------------------|--|------------------|
| I Instant Start, Non-dimming | 1 120v | Specify number of emergency ballasts required. See Ballast Guide for details. | Supplied by Others | AL Clear Anodized (stock) | 0 None |
| A Programmed Start, Non-dimming | 4 240v | | HE High Efficiency | WH White Painted | B Cross Baffle |
| E Lutron Ecosystem, 10% Dimming | 2 277v | | HO High Output | BL Black Anodized | 1 Prismatic Lens |
| H Lutron Hi-Lume 3D, 1% Dimming | | | Supplied by Vode | Z Non-standard Finish (please specify) | |
| J Lutron Ecosystem H-Series, 1% Dimming | | | E30 Sylvania Pentron, 3000K, HE | | |
| F 0-10v, 1% Dimming | | | E35 Sylvania Pentron, 3500K, HE | | |
| D DALI, 1% Dimming | | | E41 Sylvania Pentron, 4100K, HE | | |
| Z Other (please specify) | | | O30 Sylvania Pentron, 3000K, HO | | |
| | | | O35 Sylvania Pentron, 3500K, HO | | |
| | | | O41 Sylvania Pentron, 4100K, HO | | |
| | | | Z Other (please specify) | | |

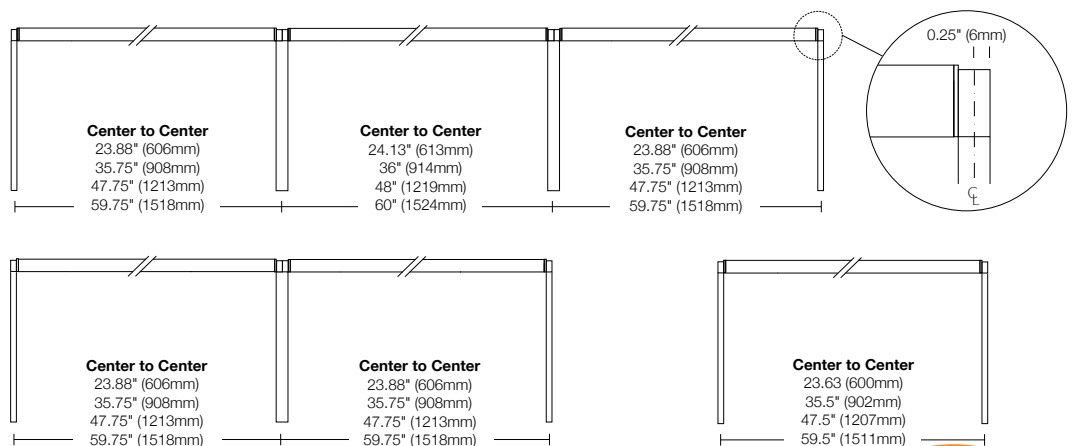
| | |
|--|--|
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| Sensors | Options |
|---------------------------------------|---|
| 0 None | Select all that apply. |
| Z Other (please specify) ⁴ | 0 None |
| | 1 On/off Switch ⁵ |
| | 2 GLR Fuse |
| | 3 9' 18/3 Cord and Plug |
| | 4 Conduit adapter for end power feed ⁶ |

NOTES & LIMITATIONS

- ¹Arm lengths >48" (1219mm) not recommended.
- ²Not recommended for arm lengths >12" (305mm).
- ³Some ballasts may not be compatible with your specification. See [Ballast Guide](#) for details.
- ⁴Occupancy and daylight sensors are available. Contact Vode or your Vode agent with your specific requirements.
- ⁵One switch per ballast, unless otherwise specified.
- ⁶Requires Integral Ballast (IB).

Layout



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Credits, Page 1 Photo – Penn State University, Dickinson School of Law Library |
 Architecture: Brandston Partnership Inc. | Lighting Design: Polshek Partnership Architects |
 Photo: George Brown Studio NYC

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