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# Coherent® VHK™ Circular Beam Visible Laser Diode 0221-831-00 | 4.9mW 670nm

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Coherent® VHK™ Circular Beam Visible Laser Diode

Stock #54-021 [CONTACT US](#)

- 1 + **\$980.00**

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Volume Pricing	
Qty 1+	<b>\$980.00</b> each
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**Note:** This item requires accessories for use | [Learn More](#)

Product Downloads



**General**

Type of Laser:  
Diode

Laser Class - CDRH:  
IIIa

**Physical & Mechanical Properties**

Pointing Accuracy (mrad):  
<4

0.580	<b>Diameter (inches):</b>
1.32	<b>Length (inches):</b>
<b>Optical Properties</b>	
670.00	<b>Wavelength (nm):</b>
1.1 @ module face	<b>Beam Diameter (mm):</b>
0.70	<b>Beam Divergence (mrad):</b>
Red	<b>Color:</b>
<b>Electrical</b>	
4.9	<b>Output Power (mW):</b>
60/90 (Typical/Maximum)	<b>Current (mA):</b>
<b>Hardware &amp; Interface Connectivity</b>	
<b>Power Supply:</b> Power Supply Required and Sold Separately. USA: <a href="#">#59-099</a> Europe: <a href="#">#35-201</a> Japan: <a href="#">#59-099</a> Korea: <a href="#">#33-771</a> China: <a href="#">#59-099</a>	
5-10VDC	<b>Power Requirement:</b>
<b>Electrical Leads/ Pin Connections:</b> red (+), black (-), case (+)	
Free Space	<b>Output Type:</b>
5-10 DC	<b>Input Voltage (V):</b>
<b>Environmental &amp; Durability Factors</b>	
-10 to +40	<b>Operating Temperature (°C):</b>
-40 to +80	<b>Storage Temperature (°C):</b>
<b>Regulatory Compliance</b>	
<a href="#">Exempt</a>	<b>RoHS 2015:</b>
<a href="#">View</a>	<b>Certificate of Conformance:</b>

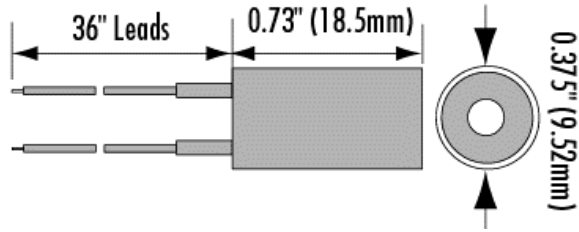
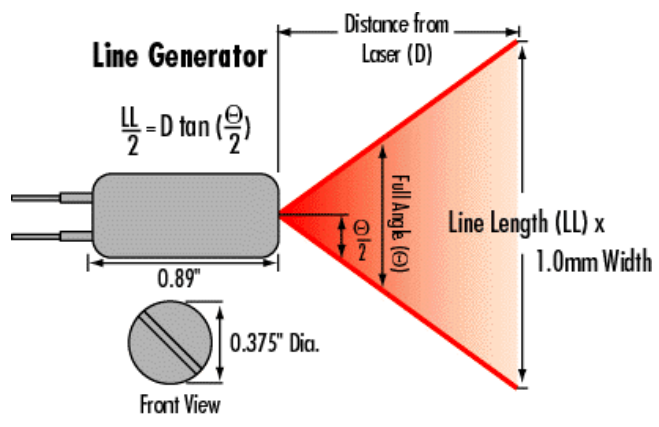
## Product Details

- Robust, High Quality Laser Diodes with Small Form Factor
- 635nm and 670nm High Visibility Wavelengths
- Sophisticated Electronic Design for Consistent Beam Properties

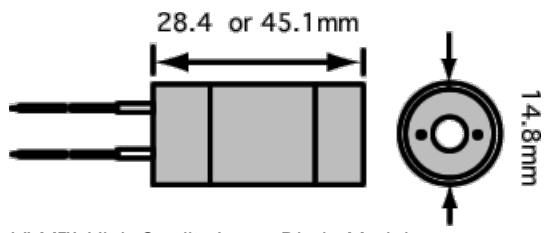
Coherent® Visible Laser Diode Modules feature a compact form factor to help users achieve space saving designs in systems that require a collimated light source. The simple design of these laser diodes allows for quick and efficient incorporation into a wide array of optical systems. A sophisticated electronic design aids in producing consistent laser power and beams. Coherent® Visible Laser Diode Modules with advanced AlignLock™ optical assembly technology provide a remarkable beam-pointing alignment of <4.3mrad, making these laser diodes a great choice for precision applications. These robust, compact laser diodes are typically used in machine vision, medical equipment, and many other industrial applications.

**Note:** [Power Supply](#), sold separately, is required for operation.

## Technical Information



VLM™ High Quality Laser Diode Module - Micro Series



VLM™ High Quality Laser Diode Modules