

## 35mW, 660nm Machine Vision Laser Dev Kit



Stock #72-690 **3 In Stock**

⊖ 1 ⊕ €1.600<sup>00</sup>

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Product Downloads

General

**Mean Time To Failures MTTF @ 25° (hours):**  
≥100,000

**Contents of Kit:**  
Lyte-MV-DCLM660nm, 35mW Machine Vision Laser  
6 Interchangeable optics  
USB Cable  
Software  
Heavy Duty Mounting Clamp  
Focus Keys  
Heavy Duty Carry Case

**Type of Laser:**  
Diode

**Laser Class - CDRH:**  
IIIB

## Physical & Mechanical Properties

**Dimensions (mm):**  
73.5 Long x 19 Dia

**Weight (g):**  
44

**Housing Length (mm):**  
73.5

## Optical Properties

**Wavelength (nm):**  
660.00

**Beam Diameter (mm):**  
5

**Beam Divergence (mrad):**  
< 0.5

**Color:**  
Red

**Focus Range (mm):**  
35mm - ∞

## Electrical

**Output Power (mW):**  
35

**Power Stability (%):**  
±3

## Hardware & Interface Connectivity

**Output Type:**  
Free Space

**Connector:**  
USB Micro B

**Input Voltage (V):**  
5

## Environmental & Durability Factors

**Operating Temperature (°C):**  
-10 to +65

**Storage Temperature (°C):**  
-10 to +80

## Regulatory Compliance

**RoHS 2015:**  
[Compliant](#)

**Certificate of Conformance:**  
[View](#)

**Reach 240:**  
[Compliant](#)

## Product Details

- Features a 660nm, 35mW Red Laser Diode
- USB Powered and Controllable via Computer
- Includes Mount, Six Different Projection Heads, and Software
- Ideal for Inspection, Measurement, and Control Applications

The Machine Vision Laser Development Kit is designed to serve as all-in-one industrial laser light source package for system integrators and developers in the machine vision and inspection industries. Featuring a high power 35mW, 660nm industrial laser diode, a heavy duty mounting clamp, and six interchangeable projection optics, this development kit provides all the necessary components and software for ease of setup and integration. In addition to the interchangeable projection optics, a focus key is included for manual laser focus adjustment, allowing the projection to fit working distances up to 5.5m. No external power supply is required, and when disconnected from the computer, the laser will retain its settings (such as modulation and output power), allowing for flexibility in system design and layout. The Machine Vision Laser Development Kit is ideal for use with industrial cameras for a range of inspection, measurement, and control applications. A rugged carrying case is included to securely store and transport all the kit components.