

35mW, 660nm Machine Vision Laser Dev Kit



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

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1

+

£1,280⁰⁰

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Volume Pricing	
Qty 1-9	£1,280.00 each
Qty 10+	£1,216.00 each
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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. Arugged carrying case is included to securely store and transport all the kit components.

