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BEA Lasers, Inc. Supplies high quality, visible beam, laser diode modules, line generating optics, laser mounting brackets, and power supplies for OEM as well as low-volume applications.

145 Series Laser Diode Modules: Premium laser diode module, Emission indicator in rear of module, Reverse polarity protection, Glass lens with adjustable focus, 5mm Aperture, Beam size at nearest focus 100µm, Beam Divergence .5mRad, Operating Voltage 4-6Vdc, Operating Current 35mA, 140mm lead length. 20:1 supply rail rejection. Anodized aluminum housing. Weight 22gm. Length 40mm. Diameter Ø16mm.



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
145-1-635	<1mW	635 nm	II	LB-D-16	BEA-230 or 225	\$295.00
145-1-650	<1mW	650 nm	II	LB-D-16	BEA-230 or 225	\$145.00
145-3-650	2.5-3mW	650 nm	IIIa	LB-D-16	BEA-230 or 225	\$165.00
145-5-650	<5mW	650 nm	IIIa	LB-D-16	BEA-230 or 225	\$185.00
145-1-670	<1mW	670 nm	II	LB-D-16	BEA-230 or 225	\$145.00

150 Series Laser Diode Modules: Premium laser diode module, Emission indicator in the rear of module, 3 element glass collimating lens with AR (anti-reflective) coating, Adjustable focus, Soft start circuit, APC (automatic power control) for maximum stability of optical output power Focus Range 60mm-Inf. Beam Shape ellipse, Lead Length 90mm, Housing Material Anodized Aluminum, Weight 23gm, Length 40mm, Diameter Ø11.5mm. *Optional Line Optic



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
150-3-635*	2.5-3mW	635nm	IIIa	LB-D-12.5	BEA-230 or 225	\$400.00
150-3-650*	2.5-3mW	650nm	IIIa	LB-D-12.5	BEA-230 or 225	\$180.00
150-7-635*	<7mW	635nm	IIIa	LB-D-12.5	BEA-230 or 225	\$580.00
150-7-650*	<7mW	650nm	IIIa	LB-D-12.5	BEA-230 or 225	\$280.00

150C Series Laser Diode Module: Premium laser diode module, same as 150 series, but also has crosshair optic permanently installed



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
150C-3-650	2.5-3mW	650nm	IIIa	LB-D-12.5	BEA-230 or 225	\$175.00
150C-5-650	<5mW	650nm	IIIa	LB-D-12.5	BEA-230 or 225	\$245.00
150C-3-635	2.5-3mW	635nm	IIIa	LB-D-12.5	BEA-230 or 225	\$400.00
150C-5-635	<5mW	635nm	IIIa	LB-D-12.5	BEA-230 or 225	\$475.00

160 Series Laser Diode Modules: Glass lens with adjustable focus, 5mm Aperture, Beam size at nearest focus 100µm, Beam Divergence .5mRad, Operating Voltage 3-6Vdc, Operating Current 35mA, 140mm lead length, 20:1 supply rail rejection, Anodized aluminum housing, Weight 13.6gm, Length 29mm, Diameter Ø12mm.



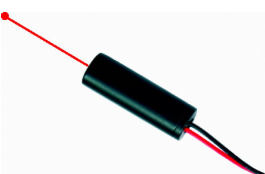
MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
160-3-650	<3mW	650nm	IIIa	N/A	BEA-230 or 235	\$45.00
160-5-650	<5mW	650nm	IIIa	N/A	BEA-230 or 235	\$60.00

160M Series Laser Diode Modules: TTL Modulation up to 100KHz, Glass lens with adjustable focus, 5mm Aperture, Beam size at nearest focus 100µm, Beam Divergence .5mRad, Operating Voltage 3-6Vdc, Operating Current 35mA, 140mm lead length, 20:1 supply rail rejection, Anodized aluminum housing, Weight 13.6gm, Length 29mm, Diameter Ø12mm.



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
160M-1-650	<3mW	650nm	IIIa	N/A	BEA-230 or 235	\$50.00
160M-3-650	<5mW	650nm	IIIa	N/A	BEA-230 or 235	\$65.00

201 Series Laser Diode Modules: Low cost series, Fixed focus, Plastic lens, Compact size 32.5mm length, Ø10.5mm diameter, Weight 20gm, Powder Coated Brass Housing, Lead Length 250mm, 45-50mA operating current, 3Vdc operating voltage



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
201-1-635	<1mW	635nm	II	LB-D-10.5	BEA-220 or 235	\$45.00
201-1-650	<1mW	650nm	II	LB-D-10.5	BEA-220 or 235	\$25.00
201-3-635	2.5-3mW	635nm	IIIa	LB-D-10.5	BEA-220 or 235	\$65.00
201-3-650	2.5-3mW	650nm	IIIa	LB-D-10.5	BEA-220 or 235	\$30.00
201-5-635	<5mW	635nm	IIIa	LB-D-10.5	BEA-220 or 235	\$85.00
201-5-650	<5mW	650nm	IIIa	LB-D-10.5	BEA-220 or 235	\$60.00

265 Series Laser Diode Modules: *Smallest laser diode module, Surge current protection, Low cost series, Fixed focus, Plastic lens, Compact size 7 mm length, Ø3.3 mm diameter, 26-30mA operating current, 3Vdc operating voltage, attached leads optional*



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
265-1-650	<1mW	650nm	II	N/A	BEA-230 or 235	\$20.00
265-3-650	<3mW	650nm	IIIa	N/A	BEA-230 or 235	\$35.00

230_ Series Laser Diode Modules: *Low cost oem module 2301-2308 spot pattern, 2309 line pattern (90° fan angle), see website for dimensions.*



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
2301-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2301-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2302-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2302-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2303-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2303-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2304-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2304-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2305-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2305-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2306-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2306-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2307-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2307-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2308-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$45.00
2308-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$30.00
2309-1or3or5-635	<1,2.5-3 or <5mW	635nm	II or IIIa	N/A	BEA-220 or 235	\$85.00
2309-1or3or5-650	<1,2.5-3 or <5mW	650nm	II or IIIa	N/A	BEA-220 or 235	\$60.00

Green Series Laser Diode Modules: *Green laser light is significantly brighter than red laser light. All other factors being equal, the unaided human eye will perceive green laser light as over 8 times as bright versus the common red laser (650nm). Green lasers are being adopted as a replacement for HeNe lasers.*



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
722-1-532	<1mW	532nm	II	N/A	BEA-220 or 235	\$150.00
722-5-532	2.5-3mW	532nm	IIIa	N/A	BEA-220 or 235	\$200.00
742-1-532	<1mW	532nm	II	N/A	BEA-220 or 235	\$150.00
742-5-532	<5mW	532nm	IIIa	N/A	BEA-220 or 235	\$200.00

BEA Laser Power Supplies



MODEL #	DC output	Source	Connector	Price
BEA-220	3Vdc	2 AAA	Clips	\$10.00
BEA-225	4.5Vdc	3AAA	Clips	\$10.00
BEA-230	6Vdc	120AC	DC Con.	\$25.00
BEA-235	3.3Vdc	70-220AC	Compression	\$35.00

Ruggedized Industrial Laser: *Green and red laser diode modules designed to stand up to the most demanding conditions. The complete package includes the laser diode module, a connector cable assembly, and a din rail power supply. Optional optics available.*



MODEL #	Optical Power	Wavelength	Class	Laser Bracket	Power Supply	Price
MIL 301RHD	<5mW	650nm	IIIa	N/A	Included	\$299.00
MIL 302GHD	<5mW	532nm	IIIa	N/A	Included	\$299.00

Please visit our website for additional products and information @ www.bealasers.com

Which Type of Customer Would Demand BEA Lasers Products?

Automotive, Aircraft Manufacturers, Civil Engineering, Packaging, Tool Manufacturers, Medical Instrument Manufacturers, Lumber Processors, Machine Vision Systems Manufacturers, Security Systems, Stone Slab Cutting Systems, Paper Web Handling Systems, Textile Mills, Nuclear Power Plants, Schools, National Laboratories.

Possible applications:

Alignment, Positioning, Counting, Checking Presence or Absence, Leveling, Edge Detection, Remote Sensing, Metrology.