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## Red and IR Alignment Laser Diodes



- Focus Adjustable
- TTL Modulation up to 10kHz
- 635nm, 780nm, 808nm, 850nm, and 980nm Wavelength Options



### Common Specifications

#### Physical & Mechanical Properties

Length (mm): 36.00

#### Electrical

Modulation Frequency (kHz): 0 - 10

#### Hardware & Interface Connectivity

Operating Voltage (V): 5

Power Supply:

Power Supply Required and Sold Separately:  
USA: [#73-818](#)  
Europe: [#73-818](#)  
Japan: [#13-640](#)  
Korea: [#33-770](#)  
China: [#73-818](#)

## Technical Information

## Products

Wavelength (nm)	Output Power (mW)	Beam Diameter (mm)	Beam Divergence (mrad)	Stock Number	Price	Buy
635.00	1	3 x 1 Typical	Major Axis: 0.6 Minor Axis: 0.2	<a href="#">#37-029</a>	£165.60 <a href="#">Volume Pricing</a>	15 In Stock
635.00	5	3 x 1 Typical	Major Axis: 0.6 Minor Axis: 0.2	<a href="#">#37-030</a>	£177.60 <a href="#">Volume Pricing</a>	5 In Stock
635.00	10	3 x 1 Typical	Major Axis: 0.6 Minor Axis: 0.2	<a href="#">#37-031</a>	£183.20 <a href="#">Volume Pricing</a>	4 In Stock
635.00	25	3.5 typical	<1.0	<a href="#">#19-445</a>	£195.20 <a href="#">Volume Pricing</a>	7 In Stock
635.00	100	3.5 typical	<1.0	<a href="#">#19-446</a>	£332.80 <a href="#">Volume Pricing</a>	5 In Stock
780.00	1	3 x 1 Typical	Major Axis: 0.4 Minor Axis: 0.2	<a href="#">#37-035</a>	£148.80 <a href="#">Volume Pricing</a>	4 In Stock
780.00	5	3 x 1 Typical	Major Axis: 0.4 Minor Axis: 0.2	<a href="#">#37-036</a>	£160.00 <a href="#">Volume Pricing</a>	3 In Stock
780.00	10	3 x 1 Typical	Major Axis: 0.4 Minor Axis: 0.2	<a href="#">#37-037</a>	£181.60 <a href="#">Volume Pricing</a>	2 In Stock
780.00	25	3.5 typical	<1.0	<a href="#">#19-447</a>	£195.20 <a href="#">Volume Pricing</a>	4 In Stock
780.00	100	3.5 typical	<1.0	<a href="#">#19-448</a>	£332.80 <a href="#">Volume Pricing</a>	3 In Stock
808.00	1	2 x 4 typical	<5.0	<a href="#">#19-449</a>	£148.80 <a href="#">Volume Pricing</a>	2 In Stock

[#19-449-RCD-05P Recertified](#)



Recertified

Stock No.: 19-449-RCD-05P  
Recertified Code: 05P (All Original  
Parts Included, Perfect)

## Recertified Products

*Typically 1-2 Recertified Products are in stock at a time. Please contact our sales team if you would like exact availability of an item.*

Recertified products are those identified with the recertified logo indicating they were returned to Edmund Optics® and cannot be sold as new for the following reasons:

- Open Box – Missing original packaging
- Cosmetic Blemishes – Scratches, rub marks or other minor cosmetic imperfections
- Service/Repair – Product has been serviced to the factory original specification
- Factory Returns – Product has been returned in its original condition

808.00	1	2 x 4 typical	<5.0	Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard <a href="#">return policy</a> applies.	£100.00	1 In Stock
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View all our [recertified products](#) in the Web Specials section of our website.

	Parts	Cosmetic	
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

808.00	5	2 x 4 typical	<5.0	#19-450	£160.00 <a href="#">Volume Pricing</a>	2 In Stock
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808.00	10	2 x 4 typical	<5.0	<a href="#">#19-451</a>	£176.00 <a href="#">Volume Pricing</a>	1 In Stock
808.00	25	2 x 4 typical	<5.0	<a href="#">#19-452</a>	£203.20 <a href="#">Volume Pricing</a>	2 In Stock
808.00	100	2 x 4 typical	<5.0	<a href="#">#19-453</a>	£399.20 <a href="#">Volume Pricing</a>	4 In Stock
850.00	1	3.5 Typical	Major Axis: 0.5 Minor Axis: 0.2	<a href="#">#37-038</a>	£160.00 <a href="#">Volume Pricing</a>	4 In Stock
850.00	5	3 x 1 Typical	Major Axis: 0.5 Minor Axis: 0.2	<a href="#">#37-039</a>	£177.60 <a href="#">Volume Pricing</a>	6 In Stock

[#37-039-RCD-05P Recertified](#)



Recertified

Stock No.: 37-039-RCD-05P  
Recertified Code: 05P (All Original  
Parts Included, Perfect)

## Recertified Products

Typically 1-2 Recertified Products are  
in stock at a time. Please contact our  
sales team if you would like exact  
availability of an item.

Recertified products are those  
identified with the recertified logo  
indicating they were returned to  
Edmund Optics® and cannot be sold  
as new for the following reasons:

- Open Box – Missing original  
packaging
- Cosmetic Blemishes –  
Scratches, rub marks or other  
minor cosmetic imperfections
- Service/Repair – Product has  
been serviced to the factory  
original specification
- Factory Returns – Product has  
been returned in its original  
condition

850.00	5	3 x 1 Typical	Major Axis: 0.5 Minor Axis: 0.2	Recertified products are inspected for damage and any necessary repairs are made. Products are then certified by Edmund Optics® to be in good working order. Since quantity is low, recertified products are sold on a first come, first serve basis. Any imperfections will be listed in the description, indicated in the stock number, and categorized by the table below. When purchasing recertified products, the Edmund Optics® standard <a href="#">return policy</a> applies.	£120.00	1 In Stock
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View all our [recertified products](#) in the Web Specials section of our website.

		Parts	Cosmetic
05	All Original Parts Included	P	Perfect
04	Missing Manual	N	Minor Defect/Scratches
03	Missing Manual and Small Accessory	J	Major Defect/Scratches
02	Missing Manual and Large Accessory		

850.00	10	3 x 1 Typical	Major Axis: 0.5 Minor Axis: 0.2	#37-040	£194.40 <a href="#">Volume Pricing</a>	6 In Stock
850.00	25	3.5 typical	<1.0	#19-454	£210.40 <a href="#">Volume Pricing</a>	4 In Stock
850.00	100	3.5 typical	<1.0	#19-455	£432.00 <a href="#">Volume Pricing</a>	5 In Stock
980.00	1	3.5 typical	<5.0	#19-456	£241.60 <a href="#">Volume Pricing</a>	1 In Stock
980.00	5	3.5 typical	<5.0	#19-457	£259.20 <a href="#">Volume Pricing</a>	1 In Stock
980.00	10	3.5 typical	<5.0	#19-458	£285.60 <a href="#">Volume Pricing</a>	2 In Stock
980.00	25	3.5 typical	<5.0	#19-459	£323.20 <a href="#">Volume Pricing</a>	5 In Stock
980.00	100	2 x 4 typical	<6.0	#19-460	£360.80 <a href="#">Volume Pricing</a>	3 In Stock
1,550.00	1	3.5	<1.0	#29-127	£764.00 <a href="#">Volume Pricing</a>	2 In Stock
1,550.00	5	3.5	<1.0	#29-128	£888.00 <a href="#">Volume Pricing</a>	3 In Stock
1,550.00	10	3.5	<1.0	#29-129	£964.00 <a href="#">Volume Pricing</a>	13 In Stock

