

[All Products](#) / [Lasers](#) / [Laser Sources](#) / [Life Science Lasers](#)

Coherent® High Performance OBIS™ LX/LS Laser Systems See More by [Coherent®](#)



- Same Compact Design for All Wavelength Options
- Integrated Control Electronics with Analog and Digital Modulation
- Circular Beam with Superior Beam Quality
- [Coherent® High Performance OBIS™ LX/LS Fiber-Pigtailed Laser Systems](#) Also Available



Common Specifications

General

Manufacturer:	Coherent®	Type of Laser:	Diode
Laser Class - CDRH:	IIIb		

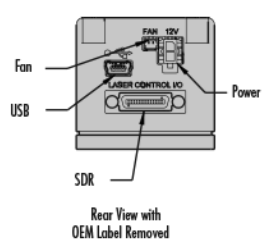
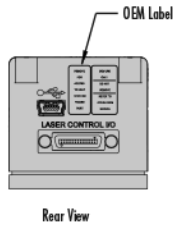
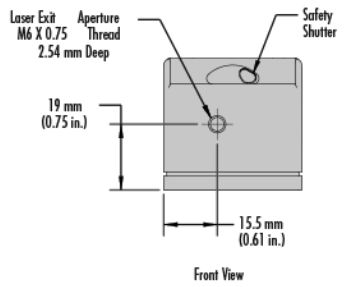
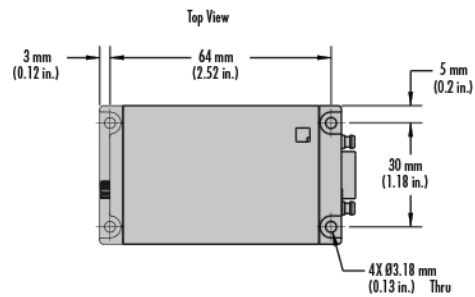
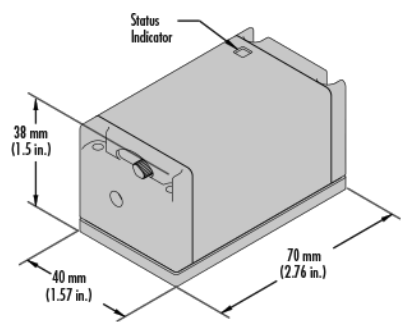
Optical Properties

Polarization:	100:1
Spatial Mode:	TEM ₀₀

Hardware & Interface Connectivity

Power Supply:	Power Supply Required and Sold Separately: USA: #87-473 Europe: #87-473 Japan: #87-473 Korea: #87-473 China: #87-473
Output Type:	Free Space

Technical Information



Products

Wavelength (nm)	Output Power (mW)	Output Type	Beam Diameter (mm)	RMS Noise	Stock Number	Price	Buy
375.00	16	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-453	C\$10,920.42	2 In Stock

[#87-453-RCD-05P Recertified](#)



Recertified

Stock No.: 87-453-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

375.00	16	Free Space	0.7	≤0.05% (20Hz to 20MHz)	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 return policy applies.	C\$9,287.60	1 In Stock
--------	----	---------------	-----	---------------------------------	---	-------------	------------

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		

375.00	50	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-454	C\$12,560.73	Contact Us
405.00	50	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-455	C\$7,033.11	2 In Stock
405.00	100	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-456	C\$7,714.70	1 In Stock
405.00	140	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#12-336	C\$9,137.80	Contact Us
405.00	200	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#88-022	C\$12,733.00	Contact Us
405.00	250	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#12-337	C\$13,811.56	Contact Us
422.00	100	Free Space	0.9	≤0.05% (20Hz to 20MHz)	#12-338	C\$12,560.73	Contact Us
445.00	75	Free Space	0.6	≤0.05% (20Hz to 20MHz)	#87-457	C\$9,871.82	2 In Stock
458.00	75	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#12-339	C\$10,620.82	Contact Us
473.00	75	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-458	C\$10,620.82	2 In Stock

488.00	20	Free Space	0.7	0.25% (20Hz to 20MHz)	#87-459	C\$8,373.82	2 In Stock
488.00	50	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-460	C\$9,587.20	2 In Stock
488.00	60	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#88-023	C\$9,886.80	Contact Us

[#88-023-RCD-05P Recertified](#)



Recertified

Stock No.: 88-023-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

488.00	60	Free Space	0.7	≤0.25% (20Hz to 20MHz)	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 return policy applies.	C\$8,508.64	1 In Stock
--------	----	------------	-----	---------------------------	--	-------------	------------

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		

488.00	80	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#88-024	C\$11,235.00	Contact Us
488.00	100	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#88-025	C\$11,909.10	Contact Us
488.00	150	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-340	C\$12,133.80	2 In Stock
488.00	150	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-461	C\$12,283.60	1 In Stock
505.00	50	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#12-341	C\$10,620.82	Contact Us
514.00	20	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-462	C\$8,673.42	1 In Stock
514.00	40	Free Space	0.6	≤0.25% (20Hz to 20MHz)	#12-342	C\$5,834.71	Contact Us
520.00	40	Free Space	0.6	≤0.05% (20Hz to 20MHz)	#12-343	C\$5,834.71	Contact Us

[#33-350-RCD-05P Recertified](#)



Recertified

Stock No.: 33-350-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

532.00	20	Free Space	0.7	≤0.25% (20Hz to 20MHz)		C\$5,800.26	1 In Stock
--------	----	------------	-----	------------------------	--	-------------	------------

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 [return policy](#) applies.

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		

532.00	20	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#33-350	C\$7,549.92	2 In Stock
--------	----	------------	-----	------------------------	-------------------------	-------------	------------

532.00	50	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-344	C\$9,137.80	4 In Stock
532.00	80	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-346	C\$10,935.40	Contact Us
532.00	100	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-347	C\$12,733.00	3 In Stock
532.00	150	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-348	C\$14,081.20	Contact Us
552.00	20	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#87-463	C\$9,122.82	1 In Stock
552.00	60	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-349	C\$10,560.90	Contact Us
552.00	80	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-350	C\$13,631.80	Contact Us
552.00	100	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-351	C\$14,605.50	Contact Us
552.00	150	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-352	C\$16,777.60	Contact Us
561.00	20	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#88-026	C\$9,122.82	Contact Us
561.00	50	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#88-027	C\$10,261.30	Contact Us
561.00	80	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-353	C\$13,706.70	Contact Us
561.00	100	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#34-232	C\$14,605.50	Contact Us
561.00	150	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-354	C\$16,777.60	2 In Stock

594.00	20	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-355	C\$10,051.58	Contact Us
594.00	60	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#12-356	C\$12,148.78	Contact Us
594.00	100	Free Space	0.7	≤0.25% (20Hz to 20MHz)	#34-233	C\$16,777.60	2 In Stock
637.00	140	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-464	C\$4,486.51	5 In Stock
640.00	40	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-465	C\$3,070.90	4 In Stock
640.00	100	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-466	C\$3,737.51	2 In Stock
647.00	120	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-467	C\$5,085.71	2 In Stock
660.00	100	Free Space	0.9	≤0.05% (20Hz to 20MHz)	#87-468	C\$2,389.31	Contact Us
685.00	40	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-469	C\$3,070.90	2 In Stock
730.00	30	Free Space	0.8	≤0.05% (20Hz to 20MHz)	#87-470	C\$5,243.00	2 In Stock
785.00	100	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#87-471	C\$2,838.71	Contact Us
808.00	150	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#12-357	C\$5,085.71	Contact Us
980.00	100	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#12-358	C\$3,894.80	2 In Stock
980.00	150	Free Space	0.7	≤0.05% (20Hz to 20MHz)	#12-359	C\$5,085.71	1 In Stock



Copyright 2023, Edmund Optics Inc., 101 East Gloucester Pike, Barrington, NJ 08007-1380 USA

Phone: 1-800-363-1992 :

www.edmundoptics.com