









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# LASER Diode

\*The photo might not exactly be the same as the original.  
\*The specifications of Test Sample (Part Number ending with "T") and Engineering Sample (Part Number ending with "E") might be changed without prior notice.



## Single-Mode LD

	Part Number		Peak Wavelength [nm]	Optical Outpu Power [mW]	Operating Current [mA]	Operating Voltage [V]	Photo Diode	Zener Diode	RoHS	FDA Accession Number
UV	NDU4116	 <a href="#">../specification/products/ld/NDU4116-E.pdf</a>	370-380	70	110	5.4	✓	✓	Compliant	0112221-055
	NDU4316	 <a href="#">../specification/products/ld/NDU4316-E.pdf</a>	390-400	120	100	4.5	✓	✓	Compliant	0112221-072
Violet	NDV4316	 <a href="#">../specification/products/ld/NDV4316-E.pdf</a>	400-410	120	120	4.8	✓	✓	Compliant	0112221-055
	NDV4B16	 <a href="#">../specification/products/ld/NDV4B16-E.pdf</a>	400-410	300	230	5.3	✓	✓	Compliant	0112221-056
	NDV4916	 <a href="#">../specification/products/ld/NDV4916-E.pdf</a>	410-420	120	110	4.7	✓	✓	Compliant	0112221-072
	NDV4A16	 <a href="#">../specification/products/ld/NDV4A16-E.pdf</a>	420-425	120	100	5.2	✓	✓	Compliant	0112221-072
Blue	NDB4116	 <a href="#">../specification/products/ld/NDB4116-E.pdf</a>	440-450	100	100	5.3	✓	✓	Compliant	0112221-053
	NDB4216	 <a href="#">../specification/products/ld/NDB4216-E.pdf</a>	450-460	100	110	5.2	✓	✓	Compliant	0112221-072

	Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Operating Current [mA]	Operating Voltage [V]	Photo Diode	Zener Diode	RoHS	FDA Accession Number
	NDB4816	<a href="#">📄.pdf</a> (../specification/products/ld/NDB4816.pdf)	435-450	500	330	5.2	✓	✓	Compliant	0112221-090
	NDB4916	<a href="#">📄.pdf</a> (../specification/products/ld/NDB4916.pdf)	450-465	500	360	5.2	✓	✓	Compliant	0112221-090
Aquamarine	NDA4116	<a href="#">📄.pdf</a> (../specification/products/ld/NDA4116-E.pdf)	468-478	100	120	5.7	✓	✓	Compliant	0112221-054
	NDA4216	<a href="#">📄.pdf</a> (../specification/products/ld/NDA4216-E.pdf)	465-480	300	280	6.4	✓	✓	Compliant	0112221-082
SkyBlue	NDS1316	<a href="#">📄.pdf</a> (../specification/products/ld/NDS1316-E.pdf)	483-493	25	80	6.2	✓	✓	Compliant	0112221-061
	NDS4116	<a href="#">📄.pdf</a> (../specification/products/ld/NDS4116-E.pdf)	483-493	60	100	5.6	✓	✓	Compliant	0112221-055
	NDS4216	<a href="#">📄.pdf</a> (../specification/products/ld/NDS4216-E.pdf)	483-493	200	270	6.0	✓	✓	Compliant	0112221-054
Emerald	NDE4116	<a href="#">📄.pdf</a> (../specification/products/ld/NDE4116-E.pdf)	503-507	80	160	6.5	✓	✓	Compliant	0112221-060
Green	NDG4216	<a href="#">📄.pdf</a> (../specification/products/ld/NDG4216-E.pdf)	510-520	80	200	6.5	✓	✓	Compliant	0112221-057
	NDG4716	<a href="#">📄.pdf</a> (../specification/products/ld/NDG4716-E.pdf)	510-520	150	260	5.1	✓	✓	Compliant	0112221-091

### Multi-Mode LD

	Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Operating Current [mA]	Operating Voltage [V]	Photo Diode	Zener Diode	RoHS	FDA Accession Number
UV	NDU7216	<a href="#">📄.pdf</a> (../specification/products/ld/NDU7216-E.pdf)	370-380	200	390	4.4	✓	✓	Compliant	0112221-054
	NDU7375	<a href="#">📄.pdf</a> (../specification/products/ld/NDU7375-E.pdf)	370-380	400	700	4.7		✓	Compliant	0112221-083
Violet	NDV7116	<a href="#">📄.pdf</a> (../specification/products/ld/NDV7116-E.pdf)	400-405	600	550	4.1	✓	✓	Compliant	0112221-047
	NDV7375	<a href="#">📄.pdf</a> (../specification/products/ld/NDV7375-E.pdf)	400-405	1200	1100	4.1		✓	Compliant	0112221-058

	Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Operating Current [mA]	Operating Voltage [V]	Photo Diode	Zener Diode	RoHS	FDA Accession Number
Blue	NDB7K75		440-455	3500	2300	4.3		✓	Compliant	0112221-062
	NDB7Y75	<a href="#">📄.pdf</a> (../specification/products/ld/NDB7Y75.pdf)	448-462	5000	3000	4		✓	Compliant	0112221-090
	NDB7Z75	<a href="#">📄.pdf</a> (../specification/products/ld/NDB7Z75.pdf)	462-472	5000	3500	4.1		✓	Compliant	0112221-092
Aquamarine	NDA7175	<a href="#">📄.pdf</a> (../specification/products/ld/NDA7175-E.pdf)	468-478	1000	900	4.0		✓	Compliant	0112221-072
SkyBlue	NDS7175	<a href="#">📄.pdf</a> (../specification/products/ld/NDS7175-E.pdf)	483-493	2000	1900	4.0		✓	Compliant	0112221-084
Green	NDG7D75	<a href="#">📄.pdf</a> (../specification/products/ld/NDG7D75.pdf)	518-532	1500	1900	4.7		✓	Compliant	0112221-092

### AR coated LD (For External Cavity Laser with Low Reflection Coating on front facet)

	Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Operating Current [mA]	Operating Voltage [V]	Photo Diode	Zener Diode	RoHS	FDA Accession Number
UV	NDUA116T	<a href="#">📄.pdf</a> (../specification/products/ld/NDUA116T-E.pdf)	390-405	20	53	4.0	✓	✓	Compliant	0112221-073
Violet	NDVA111T	<a href="#">📄.pdf</a> (../specification/products/ld/NDVA111T-E.pdf)	400-410	45	72	4.3			Compliant	0112221-073
	NDVA416T	<a href="#">📄.pdf</a> (../specification/products/ld/NDVA416T-E.pdf)	400-430	45	75	4.6	✓	✓	Compliant	0112221-073
Blue	NDBA116T	<a href="#">📄.pdf</a> (../specification/products/ld/NDBA116T-E.pdf)	450-470	30	230	7.1	✓	✓	Compliant	0112221-073

### LD Slot Module



Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Power Supply	Monitor Current [mA]	Photo Diode	Cooling Method	RoHS	FDA Accession Number
NUU102E	<a href="#">📄.pdf</a> (../specification/products/ld/NUU102E-E.pdf)	370-380	3000	DC24C(3.5A)	20	✓	Water Cooling	Under Investigation	0321196-009

Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Power Supply	Monitor Current [mA]	Photo Diode	Cooling Method	RoHS	FDA Accession Number
NUU103E	<a href="#">📄.pdf</a> (../specification/products/ld/NUU103E-E.pdf)	370-380	6000	DC24V(8.5A)	-		Water Cooling	Under Investigation	0321196-011
NUV101E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV101E-E.pdf)	400-406	10000	DC24V(4.5A)	50	✓	Water Cooling	Under Investigation	0321196-008
NUV102E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV102E-E.pdf)	400-406	1200	DC24V(1A)	6	✓	Air Cooling	Under Investigation	0321196-04
NUV103E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV103E-E.pdf)	400-406	20000	DC24V(8.5A)	-		Water Cooling	Under Investigation	0321196-010

### LD Receptacle Module



Part Number		Peak Wavelength [nm]	Optical Output Power [mW]	Threshold Current [mA]	Operating Current [mA]	Operating Voltage [V]	Monitor Current [mA]	Photo Diode	Ferrule Type	RoHS	FDA Accession Number
NUU205E	<a href="#">📄.pdf</a> (../specification/products/ld/NUU205E-E.pdf)	370-380	150	200	390	4.4	1.0	✓	SC	Compliant	0720136-005
NUV203E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV203E-E.pdf)	400-406	420	140	450	4.1	-		SC	Compliant	0720136-004
NUV207E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV207E-E.pdf)	400-410	240	30	210	5.1	1.1	✓	SC	Compliant	0720136-005
NUV209E	<a href="#">📄.pdf</a> (../specification/products/ld/NUV209E-E.pdf)	400-406	900	280	1000	4.3	-		SC	Compliant	0720136-007
NUB206E	<a href="#">📄.pdf</a> (../specification/products/ld/NUB206E-E.pdf)	445-450	1300	140	1200	5.0	-		SC	Compliant	0720136-005
NUA203E	<a href="#">📄.pdf</a> (../specification/products/ld/NUA203E-E.pdf)	468-478	700	120	800	4	-		SC	Compliant	0720136-007



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