LDX Optronics Inc.

780nm-830nm Laser Diodes

Part Number	Wavelength (nm)	Emitter Size (um)	Output Power (mW)	Output from Fiber (mW)	Min Fiber Size HHL & BTF (um)	Min Fiber Size 9mm SMA (um)	Operating Temp (°C)	Threshold Current (mA) Typ.	Operating Current (mA) Typ.	Operating Voltage (V) Typ.	Beam Divergence (FWHM) θ// (°)	Beam Divergence (FWHM) θ⊥ (°)	Spectral Width (nm) FWHM	Polarization	Acceptable Packages
LDX-3105-780	780 ±3 nm	50	1,200	960	100	200	25	300	1250	1.9	7	26	1.0	TM	1,4-16
LDX-3210-780	780 ±3 nm	100	2,500	2000	100	250	25	300	2350	1.8	7	26	1.9	TE	1,4-16
LDX-3315-780	780 ±3 nm	150	3,500	2800	200	300	25	550	3500	1.8	7	26	1.7	TE	1,4-7,9-12,14,15
LDX-3520-780	780 ±3 nm	200	5,000	4000	200	350	25	800	5000	1.8	7	26	1.8	TE	1,4-6,9,10,14,15
LDX-3315-785	785 ±3 nm	150	3,500	2800	200	300	25	575	3200	1.8	7	26	1.5	TE	1,4-16
LDX-3520-785	785 ±3 nm	200	5,000	4000	200	350	25	800	5000	1.8	7	26	1.8	TE	1,4-6,9,10,14,15
LDX-3105-792	792 ±3 nm	50	1,200	960	100	200	25	300	2350	1.8	7	26	1.9	TM	1,4-16
LDX-3210-792	792 ±3 nm	100	2,500	2000	100	250	25	380	2900	1.8	7	26	1.5	TE or TM	1,4-16
LDX-3315-792	792 ±3 nm	150	3,500	2800	200	300	25	670	3200	1.9	7	26	1.0	TM	1,4-7,9-12,14,15
LDX-3310-797	797 ±3 nm	100	3,000	2400	100	250	25	380	2900	1.8	7	36	1.5	TE	1,4-16
LDX-3415-797	797 ±3 nm	150	4,000	3200	200	300	25	670	3200	1.9	7	36	1.0	TE	1,4-16
LDX-3105-808	808 ±3 nm	50	1,200	960	100	200	25	300	1350	1.9	7	36	1.3	TE	1,4-16
LDX-3210-808	808 ±3 nm	100	2,000	1600	100	250	25	300	2000	2.0	7	36	1.9	TE	1,4-16
LDX-3310-808	808 ±3 nm	100	3,000	2400	100	250	25	400	2900	1.8	7	36	1.1	TE	1,4-16
LDX-3410-808	808 ±3 nm	100	4,000	3200	100	250	25	425	3600	1.9	7	36	1.6	TE	1,4-7,9-12,14,15
LDX-3415-808	806 ±3 nm	150	4,000	3200	200	300	25	370	3600	2.0	7	36	2.0	TE	1,4-6,9,10,14,15
LDX-3610-808	808 ±3 nm	100	6,000	4800	100	250	25	370	5800	2.0	7	36	2.0	TE	3-16
LDX-3620-808	808 ±3 nm	200	6,000	4800	200	350	25	750	5500	1.8	7	36	1.8	TE	1,4-6,9,10,14,15
LDX-3A20-808	808 ±5 nm	200	10,000	8000	200	350	25	1450	10000	1.8	7	28	1.3	TM	3,9
LDX-3415-825	825 ±5 nm	150	4,000	3200	200	300	25	500	3750	1.8	7	36	1.8		1,4-7,9-12,14,15
LDX-3110-830	830 ±5 nm	100	1,600	1280	100	250	25	220	1750	2	7	40	2.0	TE	1,4-16

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