LDX Optronics Inc.

680nm-760nm 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-2405-680	680 ±3 nm	50	400	320	100	200	20	200	550	2.1	7	38	0.9	TE	1,4-16
LDX-2810-680	680 ±3 nm	100	800	640	100	250	20	400	1100	2.1	7	38	0.9	TE	1,4-16
LDX-3115-680	680 ±3 nm	150	1,200	960	200	300	20	600	1700	2.1	7	38	0.8	TE	1,4-16
LDX-3230-680	680 ±3 nm	300	2,000	1600	300	600	20	1000	2700	2.1	7	38	0.7	TE	1,4-6,9,10,14,15
LDX-2405-685	685 ±3 nm	50	400	320	100	200	20	200	550	2.1	7	38	1.0	TE	1,4-16
LDX-2810-685	685 ±3 nm	100	800	640	100	250	20	400	1100	2.1	7	38	1.0	TE	1,4-16
LDX-3115-685	685 ±3 nm	150	1,200	960	200	300	20	460	1300	2.1	7	40	0.9	TE	1,4-16
LDX-3230-685	685 ±3 nm	300	2,000	1600	300	600	20	1000	2800	2.1	7	40	0.7	TE	1,4-6,9,10,14,15
LDX-2405-690	690 ±3 nm	50	400	320	100	200	20	300	700	2.2	7	40	0.7	TE	1,4-16
LDX-2710-690	690 ±3 nm	100	750	600	100	250	20	450	1250	2.2	7	40	0.9	TE	1,4-16
LDX-3105-735	735 ±5 nm	50	1,000	800	100	200	25	300	1150	1.9	6	26	1.0	TM	1,4-16
LDX-3110-735	735 ±5 nm	100	1,750	1400	100	250	25	630	2100	1.9	6	26	1.1	TM	1,4-16
LDX-3215-735	735 ±5 nm	150	2,000	1600	200	300	25	800	2600	1.9	6	26	1.1	TM	1,4-16
LDX-3315-735	735 ±5 nm	150	2,500	2000	200	300	25	930	3080	1.9	6	26	1.0	TM	1,4-6,9,10,14,15
LDX-3430-735	735 ±5 nm	300	4,000	3200	300	600	25	1900	5600	1.9	6	26	0.9	TM	1,4,9,10
LDX-3105-750	750 ±5 nm	50	1,000	800	100	200	25	270	1120	1.9	6	26	0.9	TM	1,4-16
LDX-3110-750	750 ±5 nm	100	1,500	1200	100	225	25	270	1600	1.9	6	26	0.9	TM	1,4-16
LDX-3210-750	750 ±5 nm	100	2,000	1600	100	250	25	575	2200	1.9	6	26	1.1	TM	1,4-16
LDX-3315-750	750 ±5 nm	150	3,000	2400	200	300	25	830	3300	1.9	6	26	1.2	TM	1,4-6,9,10,14,15
LDX-3530-750	750 ±5 nm	300	5,000	4000	300	600	25	1660	5900	1.9	6	26	1.1	TM	1,4,9,10
LDX-3105-760	760 ±5 nm	50	1,000	800	100	200	25	250	1100	1.9	7	28	2.0	TM	1,4-16
LDX-3210-760	760 ±5 nm	100	2,000	1600	100	250	25	800	2100	1.9	7	28	2.0	TM	1,4-16
LDX-3315-760	760 ±5 nm	150	3,000	2400	200	300	25	800	3200	1.9	7	28	2.0	TE or TM	1,4-7,9-12,14,15
LDX-3630-760	760 ±5 nm	300	6,000	4800	300	600	25	1400	6200	1.9	7	28	2.0	TM	1,4,9,10

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