

# LDX Optronics Inc.

## 730nm -885nm Laser Diodes

Part Number	Wavelength (nm)	Output Power (mW)	Emitter Size (um)	Operating Temp (°C)	Threshold Current (mA) Typ.	Operating Current (mA) Typ.	Operating Voltage (V) Typ.	Beam Divergence		Spectral Width (FWHM)	Polarization
								θ// (°)	θ⊥ (°)		
LDX-3215-735	735 ±5 nm	2,000	150	20	600	1800	1.9	6	26	1	TM
LDX-3430-735	735 ±5 nm	4,000	300	20	1800	5200	1.9	6	26	1	TM
LDX-3110-750	750 ±5 nm	1,500	100	20	400	1600	1.9	6	26	1	TM
LDX-3315-750	750 ±5 nm	3,000	150	25	500	3300	1.9	6	26	1.5	TM
LDX-3530-750	750 ±5 nm	5,000	300	20	1800	5600	1.9	6	26	1.5	TM
LDX-3215-760	760 ±5 nm	2,000	150	20	500	2100	1.9	6	26	1	TM
LDX-3630-760	760 ±5 nm	6,000	300	20	2000	6200	1.9	6	26	1	TM
LDX-3105-780	780 ±5 nm	1,200	50	20	300	1250	1.9	7	26	1	TM
LDX-3210-780	780 ±5 nm	2,000	100	20	400	2025	1.9	7	26	1	TM
LDX-3315-780	780 ±5 nm	3,000	150	20	800	2800	1.9	7	26	1	TM
LDX-3315-795	795 ±5 nm	3,000	150	25	500	2900	1.9	7	26	1.5	TM
LDX-3105-808	808 ±3 nm	1,200	50	20	300	1350	1.9	7	36	1	TE
LDX-3210-808	808 ±3 nm	2,000	100	20	300	2000	1.9	7	36	1.5	TE
LDX-3415-808	806 ±3 nm	4,000	150	20	370	3700	2.0	7	36	2	TE
LDX-3620-808	808 ±3 nm	6,000	200	20	1200	8500	1.8	7	27	2	TE
LDX-3740-808	808 ±3 nm	7,000	400	20	950	7100	2.0	7	36	1.5	TE
LDX-3820-808	808 ±3 nm	8,000	200	20	1200	8500	1.8	7	27	2	TM
LDX-3110-830	830 ±5 nm	1,600	100	20	250	1600	1.9	7	40	2	TE
LDX-3105-860	860 ±10 nm	1,000	50	20	150	1000	1.9	7	44	2	TE
LDX-3110-860	860 ±10 nm	1,600	100	20	200	1500	1.9	7	40	2	TE
LDX-3215-860	860 ±10 nm	2,500	150	20	350	2500	1.9	7	44	2	TE
LDX-3320-860	860 ±10 nm	3,300	200	20	450	3300	1.9	7	44	2	TE
LDX-3425-860	860 ±10 nm	4,200	250	20	550	4200	1.9	7	44	2	TE
LDX-3530-860	860 ±10 nm	5,000	300	20	650	5000	1.9	7	44	2	TE
LDX-3535-860	860 ±10 nm	5,800	350	20	750	5800	1.9	7	44	2	TE
LDX-3640-860	860 ±10 nm	6,600	400	20	850	6600	1.9	7	44	2	TE
LDX-3210-885	885 ±10 nm	2,500	100	20	200	2100	2.0	7	44	2	TE
LDX-3515-885	885 ±10 nm	5,000	150	20	350	4600	2	7	44	2	TE



The Standard Package is the C-mount. Other Packages are available at additional cost: B-mount, Q-mount, Chip on Substrate (COS), 9.0mm, TO-3 (no TEC), TO-3 (with TEC), HHL Free Space, and CS Bar packages.

LDX follows a policy of continuous product improvement. Specifications are subject to change without notice.

These components do not comply with the Federal Regulations (21 CFR Subchapter 1) as administered by the Center for Devices and Radiological health. Purchaser acknowledges that his/her products must comply with these regulations before they can be sold to a customer.



For Additional Information Contact:



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