

# LDX Optronics Inc.

## 445nm -690nm Fiber Coupled Laser Diodes

Part Number	Wavelength (nm)	Output from Fiber Typ (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.	Spectral Width (°) FWHM	Polarization
LDX-3102-445-FC	445 ±10 nm	1120	100	200	25	150	1100	4.5	2	TE
LDX-3305-445-FC	445 ±10 nm	2450	100	200	25	300	2200	4.5	2	TE
LDX-3102-520-FC	520 ±10 nm	700	100	200	25	300	1600	4.5		
LDX-2106-622-FC	622 ±3 nm	105	100	200	5	750	1250	2.3	1	TE
LDX-2205-627-FC	627 ±3 nm	175	100	200	10	450	1000	2.3	1	TE
LDX-2310-627-FC	627 ±3 nm	245	100	250	10	900	1500	2.3	1	TE
LDX-2205-630-FC	630 ±3 nm	175	100	200	15	450	1000	2.1	1	TM
LDX-2410-630-FC	630 ±3 nm	280	100	250	15	900	1500	2.1	1	TM
LDX-2306-635-FC	635 ±3 nm	210	100	200	15	425	800	2.4	1	TM
LDX-2410-635-FC	635 ±3 nm	280	100	250	20	550	850	2.1	1	TM
LDX-2615-635-FC	635 ±3 nm	420	200	300	20	600	1200	2.1	1	TM
LDX-3130-635-FC	635 ±3 nm	840	400	600	15	1200	2900	2.2	1	TM
LDX-2205-645-FC	645 ±3 nm	175	100	200	20	375	600	2.1	1	TE
LDX-2410-645-FC	645 ±3 nm	280	100	250	20	500	1050	2.1	1	TE
LDX-3115-650-FC	650 ±5 nm	700	200	300	20	700	1700	2.1	1	TE
LDX-2305-660-FC	660 ±3 nm	210	100	200	20	300	700	2.1	1	TE
LDX-2710-660-FC	660 ±3 nm	490	100	250	20	600	1150	2.1	1	TE
LDX-3115-660-FC	660 ±3 nm	700	200	300	20	800	1550	2.2	1	TE
LDX-3230-660-FC	660 ±3 nm	1,400	300	450	20	1800	3600	2.2	1	TE
LDX-2305-665-FC	665 ±3 nm	210	100	200	20	300	900	2.1	1	TE
LDX-2710-665-FC	665 ±3 nm	490	100	250	20	500	1350	2.1	1	TE
LDX-3115-665-FC	665 ±3 nm	700	200	300	20	700	1600	2.1	1	TE
LDX-3230-665-FC	665 ±3 nm	1,400	300	450	20	1800	3800	2.1	1	TE
LDX-2405-680-FC	680 ±3 nm	280	100	200	20	300	900	2.1	1	TE
LDX-2710-680-FC	680 ±3 nm	525	100	250	20	450	1350	2.1	1	TE
LDX-3115-680-FC	680 ±3 nm	700	200	300	20	650	1600	2.1	1	TE
LDX-3230-680-FC	680 ±3 nm	1,260	300	450	20	2000	4200	2.1	1	TE
LDX-2405-690-FC	690 ±3 nm	280	100	200	20	300	900	2.2	1	TE
LDX-2710-690-FC	690 ±3 nm	525	100	250	20	450	1100	2.2	1	TE
LDX-3115-690-FC	690 ±3 nm	770	200	300	20	650	1600	2.2	1	TE



The Standard Package is the C-mount. Other Packages are available at additional cost: 9mm SMA Package, 2 Pin Fiber Coupled Package, 8 Pin Fiber Coupled Package, 14 Pin Fiber Coupled Package, HHL Fiber Coupled Package.

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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