

LDX Optronics Inc.

680nm -1064nm Diode Arrays

Part Number	Wavelength (nm)	Output Power (W)	Emitter Size (um)	Operating Temp (°C)	Threshold Current (mA) Typ.	Operating Current (mA) Typ.	Operating Voltage (V) Typ.	Beam Divergence		Spectral Width (FWHM)	Polarization
								$\theta_{//}$ (°)	θ_{\perp} (°)		
Diode Arrays (Most wavelengths are also available as bars, here are some examples)											
LDX-4119-660	660 \pm 5 nm	10	100 x 19	15	9400	21000	2.1	7	40	1	TE
LDX-4119-670	670 \pm 5 nm	10	100 x 19	15	9400	21000	2.1	7	40	1	TE
LDX-4119-680	680 \pm 3 nm	12	150 x 19	15	9000	24000	2.5	7	40	1	TE
LDX-4119-690	690 \pm 3 nm	12	150 x 19	15	6500	22000	2.3	7	36	1	TE
LDX-4219-730	730 \pm 5 nm	20	150 x 19	20	12000	28000	1.9	7	26	1	TM
LDX-4224-750	750 \pm 5 nm	20	100 x 24	20	12000	28000	1.9	7	26	1	TM
LDX-4219-760	760 \pm 5 nm	20	150 x 19	20	12000	28000	1.9	7	26	1	TM
LDX-4319-795	795 \pm 5 nm	30	150 x 19	20	10000	28000	1.9	7	26	2	TM
LDX-4424-1064	1064 \pm 10 nm	40	100 x 24	20	5000	30000	1.4	7	38	5	TE
LDX-4419-1064	1064 \pm 10 nm	40	150 x 19	20	5000	30000	1.4	7	38	5	TE

Other Array Wavelengths Available by Request



The Standard Package is the C-mount. Other Packages are available at additional cost: D-mount, Q-mount, 9.0mm, 9.0mm Fiber coupled, TO-3 (no TEC), TO-3 (with TEC), HHL Free Space, HHL Fiber Coupled 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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