

LDX Optronics Inc.

660nm-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 ±5 nm	10	100 x 19	15	9400	21000	2.1	7	40	1	TE
LDX-4119-670	670 ±5 nm	10	100 x 19	15	9400	21000	2.1	7	40	1	TE
LDX-4119-680	680 ±3 nm	12	150 x 19	15	9000	24000	2.5	7	40	1	TE
LDX-4119-690	690 ±3 nm	12	150 x 19	15	6500	22000	2.3	7	36	1	TE
LDX-4219-730	730 ±5 nm	20	150 x 19	20	12000	28000	1.9	7	26	1	TM
LDX-4224-750	750 ±5 nm	20	100 x 24	20	12000	28000	1.9	7	26	1	TM
LDX-4219-760	760 ±5 nm	20	150 x 19	20	12000	28000	1.9	7	26	1	TM
LDX-4319-795	795 ±5 nm	30	150 x 19	20	10000	28000	1.9	7	26	2	TM
LDX-4424-1064	1064 ±10 nm	40	100 x 24	20	5000	30000	1.4	7	38	5	TE
LDX-4419-1064	1064 ±10 nm	40	150 x 19	20	5000	30000	1.4	7	38	5	TE

Other Array Wavelengths Available by Request

Standard Bar Package:

CS Package



Revised:
9/25/2017