

Bin No.	Typical Lambda nm	Wavelength Tolerance nm	Maximum Output Power mW	Laser Structure See Note 9	Maximum Operating Temperature Degrees C	Individual Diode Data	Package Type mm	Typical Iop mA	Typical Ith mA	Typical Im μA	Beam Divergence Degrees FWHM	Mode	Laser Diode, Photo Diode Configuration	Source Size	Diode Warranty IN Module	Stock Diode
LD2011	375	370-380	70	EE	25°	Y	5.6	110	50	200	9 X 22.5	S	4 Leads	2 X 1	180 Days	S
LD1981	375	370-380	200	MM	30°	Y	5.6	390	200	1100	19 X 40	M	4 Leads	10 X 1	180 Days	S
LD2009	395	390-400	120	EE	30°	Y	5.6	100	28	1000	9 X 19.5	S	4 Leads	2 X 1	1 Year	
LD2056	403	400-405	1400	MM	30°	Y	9	1100	275		22 X 40	M	No PD		180 Days	
LD2054	404	398-410	150	MM	50°	N	5.6	150	60	150	13 X 45	M	P	3 X 2	180 Days	
LD2074	405	400-410	20	EE	60	N	5.6	55	40	NA	8 X 21	S	No PD		1 Year	S
LD4073	405	400-415	60	EE	90°	N	3.8	84	38	NA	9 X 19	S	No PD		1 Year	S
LD1995	405	400-415	60	EE	85°	Y	3.8	75	35	NA	9 X 20	S	No PD		1 Year	S
LD4060	405	400-410	120	EE	30°	Y	5.6	120	35	500	9 X 19.5	S	4 Leads	2 X 1	1 Year	S
LD1992	405	400-415	175	EE	85°	Y	3.8	150	35	NA	9 X 20	S	No PD		1 Year	S
LD2070	405	400-415	200	EE	90°	N	3.8	190	38	NA	9 X 19	S	No PD		1 Year	S
LD2155	405	400-410	300	EE	30°	Y	5.6	230	33	1000	10 X 19	S	4 Leads	7 X 1	1 Year	S
	405	400-410	600	MM	30°	N	5.6	600	140	2000	13 X 42	M	No PD		180 Days	
LD1983	405	400-405	600	MM	30°	Y	5.6	550	140	1500	18 X 40	M	4 Leads	10 X 1	1 Year	S
LD2167	405	400-410	1000	MM	30°	N	9	1000	320		13 X 42	M	No PD		180 Days	
LD2008	420	420-425	120	EE	30°	Y	5.6	95	24	240	10 X 24	S	4 Leads	2 X 1	1 Year	
LD1988	445	435-455	1600	MM	50°	Y	9	1750	150	NA	14 X 44	M	Lead/No PD		1 Year	
LD2006	450	440-460	80	EE	70°	N	3.8	90	30	NA	7.5 X 21.5	S	No PD	2 X 1	1 Year	S
LD2105	450	440-460	1600	MM	70°	N	5.6	1200	200	NA	6 X 24	M	No PD	15 X 1	1 Year	
LD2026	455	450-460	100	EE	60°	Y	5.6	110	30	1000	8.5 X 23.5	S	4 Leads	2 X 1	1 Year	
LD1989	473	468-478	100	EE	60°	Y	5.6	120	20	1000	9.5 X 23.5	S	4 Leads		1 Year	
LD2063	473	468-478	1000	MM	20-40°	Y	9	900	120	NA	12 X 48	M	No PD		1 Year	X
LD2055	488	483-493	25	EE	60°	Y	5.6	80	18	2400	8 X 23	S	4 Leads	2 X 1	1 Year	S
LD4074	488	486-490	60	EE	60°	Y	5.6	85	30	40	7 X 23	S	M		1 Year	
LD2065	488	483-493	60	EE	60°	Y	5.6	100	30	1000	10 X 24	S	4 Leads	2 X 1	1 Year	S
LD2024	488	483-493	200	EE	60°	Y	5.6	270	40	2000	8.5 X 23.5	S	4 Leads	2 X 1	1 Year	S
LD2050	505	503-507	80	EE	60°	Y	5.6	160	60	1000	8 X 21	S	4 Leads		1 Year	
LD2012	515	510-530	30	EE	60°	Y	3.8	120	50	NA	7 X 22	S	No PD		1 Year	
LD2066	515	510-520	80	EE	60°	Y	5.6	200	60	1200	8.5 X 21.5	S	4 Leads		1 Year	
LD2107	520	510-530	50	EE	60°	N	5.6	150	45	90	7 X 22	S	N		1 Year	S
LD2141	520	515-530	80	EE	60°	N	5.6	200	40	NA	6.3 X 22.5	S	No PD		1 Year	S
GRN5	532	531-533	5	DPSS	(-10 - +50°)	NA	NA	NA	NA	NA	0.3mrad	S	NA	NA	1 Year	S
GRN10	532	531-533	10	DPSS	(-10 - +50°)	NA	NA	NA	NA	NA	0.3mrad	S	NA	NA	1 Year	S
RS1144	532	532	20	DPSS	15-35°	NA	NA	NA	NA	NA	0.3mrad	S	NA	NA	1 Year	S
LD2049	633	630-636	100	EE	40°	N	5.6	170	70	NA	8.5 X 18	S	No PD	3 X 2	1 Year	
LD1219	635	635-640	5	EE	50°	N	5.6	55	40	200	8 X 35	S	N	3 X 1	1 Year	RS
LD1167	635	625-640	5	EE	50°	N	9	55	45	300	8 X 31	S/L	N	3 X 1	1 Year	S
LD2020	635	630-640	5B	EE	50°	N	5.6	40	30	70	8 X 8	S	N	3 X 1	1 Year	S
LD1212	635	635-640	5B	EE	50°	N	9	55	45	300	8 X 8	S	N	3 X 1	1 Year	S
LD1872	635	630-640	7	EE	50°	N	5.6	30	20	400	8 X 25	S/L	N	3 X 2	1 Year	S
LD1961	635	630-640	10	EE	50°	N	5.6	55	40	80	8 X 8	S	N	3 X 1	1 Year	S
LD1251	635	625-640	10	EE	50°	N	9	80	20/Max	x	8 X 8	S/L	N	3 X 1	1 Year	S
LD1261	635	630-640	15	EE	50°	N	9	85	55	x	8 X 30	S	N	3 X 1	1 Year	RS
LD1338	635	630-640	15B	EE	50°	N	9	85	20/Max	x	8 X 8	S	N	3 X 1	1 Year	S
LD1940	637	632-643	170	EE	40°	N	5.6	250	60	NA	9 X 17	S	No PD	3 X 2	1 Year	
LD1916	637	632-642	250	MM	50°	N	5.6	340	100	NA	10 X 40	M	No PD		1 Year	
LD1863	638	631-645	110	EE	50°	N	5.6	190	45		9 X 22	S	No PD	3 X 2	1 Year	S
LD2068	638	632-643	700	MM	30°	N	5.6	820	200	NA	9 X 35	M	No PD	4 X 40	1 Year	S
LD1997	639	630-643	10	EE	50°	N	5.6	40	30	1000	8 X 21	S	N	3 X 2	1 Year	S
LD1837	639	630-645	25	EE	50°	N	5.6	60	30	500	8 X 30	S	N	3 X 1	1 Year	S
LD1403	639	635-642	35	EE	50°	N	5.6	102	45	150	10 X 31	S	N	3 X 1	1 Year	S
LD1415	639	635-642	35B	EE	50°	N	5.6	102	45	150	8 X 8	S	N	3 X 1	1 Year	S
LD1781	640	635-643	45	EE	50°	N	5.6	90	45	300	10 X 21	S	N	3 X 2	1 Year	S
LD1762	643	635-645	90	EE	40°	N	5.6	187	80	500	10 X 21	S	N	3 X 2	1 Year	S
LD1817	643	635-647	150	EE	50°	N	5.6	280	110	x	8 X 23	S	No PD	3 X 2	1 Year	S
LD1959	655	645-660	7	EE	70°	N	5.6	29	21	50	8 X 28	S	N	3 X 1	1 Year	X
LD1742	655	645-660	7B	EE	70°	N	5.6	40	30	400	9.5 x 9.5	S	N	3 X 1	1 Year	S
LD1241	658	645-665	35	EE	60°	N	5.6	90	45	150	8.5X22	S/L	P	3 X 1	1 Year	S
LD1240	658	640-665	35B	EE	60°	N	5.6	90	45	150	8.5 X 8.5	S/L	P	3 X 1	1 Year	S
LD1535	658	650-660	45	EE	65°	N	5.6	85	35	100	8 X 22	S	P	3 X 2	1 Year	RS
LD1578	658	650-660	45B	EE	65°	N	5.6	85	35	100	10 X 10	S	P	3 X 1	1 Year	RS
LD1630	658	650-662	50B	EE	60°	N	5.6	115	45	x	9 X 9	S	No PD	3 X 1	1 Year	S
LD1970	660	655-665	50	EE	60°	N	5.6	100	55	150	10 X 14	S	N	3 X 1	1 Year	S
LD1930	660	654-665	100	EE	50°	N	9	142	55	600	10 X 17	S/L	4 Leads	3 X 1	1 Year	S
LD1779	660	652-664	130	EE	75°	N	5.6	180	55	x	10 X 17	S	No PD	3 X 1	1 Year	S
LD1994	660	652-664	130B	EE	75°	N	5.6	180	55	x	10 X 10	S	No PD	3 X 1	1 Year	S
LD2061	660	652-665	130	EE	60°	N	5.6	175	60	400	10 X 17	S	P	3 X 1	1 Year	S
LD1086	670	660-680	5	EE	60°	Y	5.6	45	x	x	8 X 18	S	N	3 X 1	1 Year	RS
LD1074	670	660-680	10	EE	50°	N	9	55	35	x	8 X 22	S	N	3 X 1	1 Year	S
LD1248	670	660-680	10B	EE	50°	N	9	55	35	x	8 X 8	S/L	N	3 X 1	1 Year	S
LD1259	670	660-680	500	MM	50°	N	9	850	x	x	10 X 40	M	No PD	100 X 1	180 Days	X
LD1867	685	675-695	50	EE	70°	N	5.6	75	30	150	9 X 21	S/L	P	3 X 1	1 Year	
LD1318	690	680-695	35	EE	70°	N	5.6	90	45	x	8.5 X 19	S	P	3 X 2	1 Year	S
LD1340	690	675-695	35B	EE	70°	N	5.6	90	45	x	8 X 8	S	P	3 X 1	1 Year	S
LD1854	692	690-694	500	MM			9					M	?	100 X 1	180 Days	
LD1826	705	695-715	40	EE	60°	N	5.6	75	30	50	9 X 18	S	N	3 X 2	1 Year	S
LD1858	730	720-740	50	EE	60°	N	5.6	86	30	345	9 X 18	S/L	N	3 X 2	1 Year	S
LD1511	730	725-735	750	MM	50°	Y	9	1100	350	x	10 X 40	M	No PD	75 X 1	180 Days	
LD1687	760	759-761	40	DFB	50°	Y	9	80	40		8 X 21	S	M	3 X 1	1 Year	X
LD1686	760	759-761	40	DFB	50°	Y	TO-3/TEC	80	40		8 X 21	S	M	3 X 1	1 Year	X
LD1570	773	772-774	75	DFB	50°	Y	9	150	50		8 X 21	S	M	3 X 1	1 Year	X
LD1637	773	772-774	75	DFB	50°	Y	TO-3/TEC	150	50		8 X 21	S	M	3 X 1	1 Year	X
LD1571	780	779-781	80	DFB	50°	Y	9	150	50		8 X 21	S	M	3 X 1	1 Year	X
LD1646	780	779-781	80	DFB	50°	Y	TO-3/TEC	150	50		8 X 21	S	M	3 X 1	1 Year	X
LD1557	780	773-787	100	RWL	50°	Y	9	150	25		10 X 30	S	M	3 X 1	1 Year	X
LD1730	785	770-800	5B	EE	60°	N	5.6	35	25	600	9 X 9	S	N	3 X 1	1 Year	S
LD1960	780	770-790	10	EE	60°	N	5.6	30	15	600	11 X 28	S	N	3 X 1	1 Year	X

LD2034	783	775-795	120	EE	60°	N	5.6	155	35	190	9 X 16	S	P	3 X 1	1 Year	X
LD2058	783	775-795	120B	EE	60°	N	5.6	155	35	190	9 X 9	S	P	3 X 1	1 Year	X
LD2062	785	775-795	30	EE	60°	N	5.6	55	20	300	9 X 22	S	N	3 X 1	1 Year	S
LD1572	785	783-786	100	DFB	50°	Y	9	150	50		8 X 21	S	M	3 X 1	1 Year	X
LD1937	785	780-790	150	EE	50°	N	9	170	35	?	8 X 25	S	M	3 X 1	1 Year	X
LD4071	785	775-795	400	EE	40°	N	9	550	110	NA	7 X 16	S	No PD		1 Year	S
LD1559	790	783-797	100	RWL	50°	Y	9	150	30		10 X 30	S	M	3 X 1	1 Year	X
LD2154	808	798-818	60	RWL	50°	N	5.6	100	40		8 X 24	S	N	3 X 1	1 Year	X
LD1952	808	803-813	100	EE	50°	N	9	130	30		8 X 17	S	M	3 X 1	1 Year	RS
LD1953	808	803-813	150	EE	50°	N	9	180	30		8 X 17	S	M	3 X 1	1 Year	RS
LD1873	808	805-811	150	EE	50°	N	5.6	180	50	500	8 X 16	S/L	N	3 X 1	1 Year	RS
LD2025	808	805-811	300	EE	40°	N	5.6	390	120	NA	10 X 39	M	No PD		1 Year	S
LD2117	808	803-811	500	EE	50°	N	9	540	70	600	10 X 31	M	N		1 Year	S
LD1865	808	805-811	1000	MM	50°	Y	9	1300	200	NA	10 X 40	M	No PD	50 X 1	180 Days	
LD1187	808	805-811	2000	MM	50°	Y	TO3	2600	x	x	10 X 40	M	N	200X1	180 Days	X
LD1416	808	805-811	2000	MM	50°	Y	TO3	2500	300	x	10 X 40	M	N	100X1	180 Days	
LD1200	812	807-819	500	MM	50°	Y	TO3	750	x	x	10 X 40	M	N	50X1	180 Days	X
LD1181	812	807-819	1000	MM	50°	Y	TO3	1300	x	x	10 X 40	M	N	100X1	180 Days	X
LD1751	816	806-826	4	EE	Run @ 38°	N	9	56	35	1700	7X26	S	N		1 Year	S
LD1859	830	820-840	50	EE	60°	N	5.6	75	20	250	9 X 22	S/L	N	3 X 1	1 Year	
LD1912	830	826-833	150	EE	50°	Y	9	170	20		8 X 18	S	N	3 X 1	1 Year	X
LD1840	830	815-840	180	EE	50°	Y	9	230	50	250	8 X 8	S	M	3 X 1	1 Year	RS
LD1946	830	820-830	260	EE	60°	N	5.6		30	800	8 X 16	S	M	3 X 1	1 Year	X
LD1469	850	845-855	5	EE	40°	N	5.6	20	10	500	10 X 30	S	N	3 X 1.5	1 Year	S
LD5038	850	840-860	100	RWL	50°	Y	9	195	70		10 X 30	S	M	3 X 1	1 Year	X
LD1900	852	842-862	50	EE	60°	N	5.6	75	20	250	9 X 22	S/L	N	3 X 1	1 Year	
LD1905	852	847-857	150	EE	50°	N	9	170	20	?	8 X 18	S	N		1 Year	
LD1633	852	850-854	150	DFB	50°	Y	9	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD1634	852	850-854	150	DFB	50°	Y	TO-3/TEC	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD1886	852	847-857	1000	MM	50°	N	C-Mount	1000	400	None	8 X 30	M	No PD	100X1	180 Days	
LD4029	852	847-857	1000	MM	50°	N	C-Mount	1000	400	None	8 X 8 NF	M	No PD	100X1	180 Days	
LD4030	852	847-857	2000	MM	50°	N	C-Mount	2000	400	None	8 X 30	M	No PD	100X1	180 Days	
LD4031	852	847-857	2000	MM	50°	N	C-Mount	2000	400	None	8 X 8 NF	M	No PD	100X1	180 Days	
LD1573	860	859-861	150	DFB	50°	Y	9	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD1594	860	859-861	150	DFB	50°	Y	TO-3/TEC	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD2138	870	863-877	100	RWL	50°	Y	9	180	55	500	10 X 30	S	M	3 X 1	1 Year	X
LD1909	880	870-890	10	EE	60°	N	5.6	29	10	400	12 X 32	S	N	3 X 1	1 Year	S
LD1648	905	895-915	10	EE	70°	N	5.6	40	15	400	13 X 33	S	N	3 X 1	1 Year	S
LD1938	915	908-920	200	EE	50°	N	9	260	30		8 X 28	S	N	5 X 1	1 Year	S
LD1927	923	922-924	100	DFB	50°	Y	C-Mount	170	50		8 X 21	S	No PD	3 X 1	1 Year	X
LD1627	937	935-939	100	DFB	50°	Y	9	180	60		8 X 21	S	M	3 X 1	1 Year	X
LD1640	937	935-939	100	DFB	50°	Y	TO-3/TEC	180	60		8 X 21	S	M	3 X 1	1 Year	X
LD1903	940	935-945	100	EE	50°	N	9	140	20		8 X 28	S	N	5 X 1	1 Year	S
LD1939	940	935-945	200	EE	50°	N	9	270	20		8 X 28	S	N	5 X 1	1 Year	S
LD1618	976	975-977	150	DFB	50°	Y	9	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD1619	976	975-977	150	DFB	50°	Y	TO-3/TEC	230	70		8 X 21	S	M	3 X 1	1 Year	X
LD1740	976	974-988	800	EE	50°	Y	C-Mount	900	36		7 X 21	S	No PD		1 Year	S
LD1647	980	970-990	1000	MM	50°	Y	TO-3				10 X 40	M	No PD	100X1	180 Days	X
LD1973	1010		400	EE	50°	N	9	500	45		7 X 34	S	N			
LD2036	1030		400	EE	50°	N	9	500	45		7 X 34	S	N			
LD1566	1060	1053-1068	100	RWL	50°	Y	9	130	20		10 X 30	S	M	3 X 1	1 Year	X
LD4033	1063		100	DBR	40°	Y	9	230	70		10 X 33	S	M	3 X 1	1 Year	X
LD1576	1063		100	DBR	50°	Y	TO-3	170	30		10 X 33	S	M	3 X 1	1 Year	X
RS1161	1064	1064	100	DPSS	15-35°	NA	NA	NA	NA	NA	1.2mrad	S	NA	NA	1 Year	S
LD1969	1064	1059-1069	200	EE	50°	N	9	280	50		8 X 28	S	M	5 X 1	1 Year	X
LD2135	1064	1059-1069	300	EE	50°	N	9	390	50		8 X 28	S	M	5 X 1	1 Year	X
LD1567	1080	1070-1090	80	RWL	50°	Y	9	130	20		10 X 30	S	M	3 X 1	1 Year	X
LD1829	1110	1105-1120	50	RWL	50°	Y	9	150	50	250	10 X 30	S	M	3 X 1	1 Year	X
LD1623	1310	1290-1330	10	EE	85°	Y	5.6	35	5	500	25 X 30	S	4 Leads	3 X 1	1 Year	S
LD4072	1310	1290-1330	160	EE	50°	N	5.6	400	30		15 X 27	S	No PD		180 Days	S
LD1783	1550	1520-1580	6	EE	85°	N	5.6	30	10	500	25 X 30	S	4 Leads	3 X 1	1 Year	S
LD4075	1550	1535-1565	20	DFB	40°	N		90	15	50	10 X 30	S/L	4 Leads	3 X 1.5	1 Year	X
LD4076	1550	1535-1565	30	EE	50°	N	9	190	80	70	10 X 30	S	P	5 X 1	1 Year	X
LD2018	1550	1520-1570	140	EE	50°	N	5.6	400	40		15 X 28	S	No PD		1 Year	S
LD4066	1650	1630-1670	125	EE	50°	N	5.6	400	50		15 X 28	S	No PD		180 Days	S

