

# Summary of Features (Typ.) / Laser diodes for Optical disk use

Part No.	Main Feature	Absolute Maximum Ratings		Electrical and Optical Characteristics							Pin Connection Type	Package
		Light Output	Operating Temperature	Ratings	Threshold Current	Operating Current	Lasing Wavelength	Monitor Current	Beam Divergence			
		Po mW	Topr °C	Po mW	Ith mA	Iop mA	λp nm	Im mA	Parallel Qh deg	Perpendicular Qv deg		
<b>Blue-violet Laser diode</b>												
DL-4146-101	Next generation DVD with PD	20	0 to 75	10	24	32	405	0.2	8.5	19	II	A
DL-4146-301	Next generation DVD	20	0 to 75	10	20	29	405	—	8.5	19	V	A
DL-4366-301	Next generation DVD Fai_3.3mm package	20	0 to 75	10	20	29	405	—	8.5	19	V	B
DL-LS5034	Next generation DVD	350 (pulse)	0 ~ 85	150	40	135	405	—	8.5	19	V	A
<b>Two wavelength Laser diode</b>												
DL-1195-211	DVD CD-R/RW	7	-10 to 70	7	30	40	658	—	10.5	28	VI	C
		240 (pulse)		80	40	105	783	—	7.5	16		
DL-1195-261	DVD+-R/+-RW CD-R/RW	280 (pulse)	-10 to 80 (pulse)	80	40	120	663	—	11	16	VI	C
		340 (pulse)		100	45	145	786	—	8	15		
<b>Infrared Laser diode</b>												
DL-3150 series	CD Frame package	5	-10 to 70	3	33	41	790	0.2	10.5	35	II	D
DL-3180 series	CD Small frame package	5	-10 to 70	3	33	41	790	0.2	10.5	35	II	E
DL-7140 series	CD-R/RW Fai_5.6mm package	260 (pulse)	-10 to 80	70	35	100	783	—	8.3	16	IV	A
DL-7360 series	CD-R/RW Fai_3.3mm package	240 (pulse)	-10 to 75	80	43	115	783	—	8.3	16	IV	B
DL-8190 series	CD-R/RW Frame package	260 (pulse)	-10 to 80	80	43	115	783	—	8.3	16	IV	C

Specifications and information herein are subject to change without notice. Therefore, You should confirm "Specifications sheet" that you intend to use. Please ask our sales staff for more details if necessary.

