

Dialight Through-Hole LEDs



Dimensions in mm

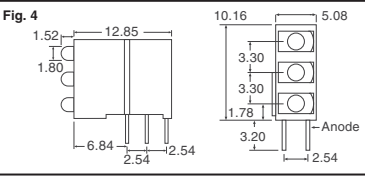
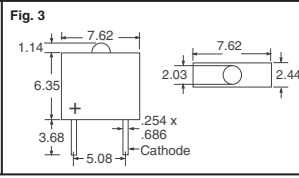
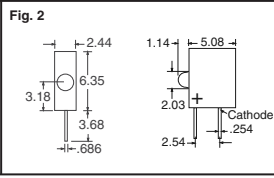
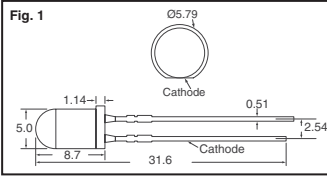
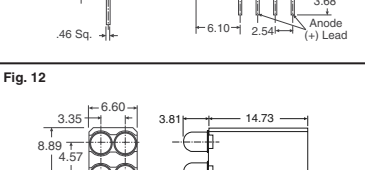
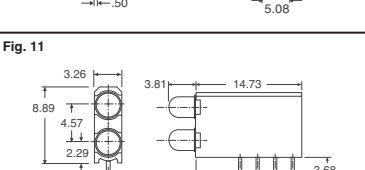
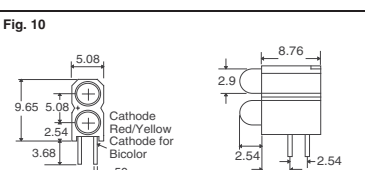
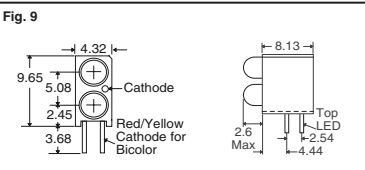
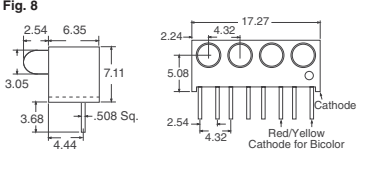
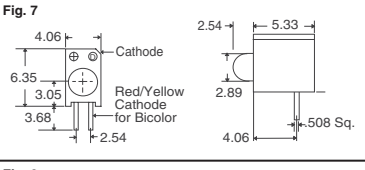
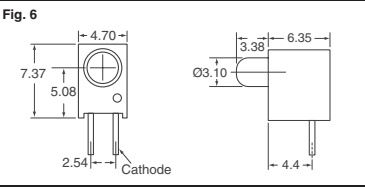
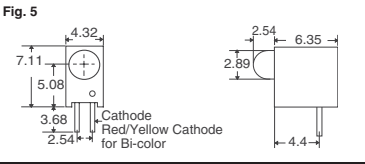


Fig.	Color	Wave Length peak (nm)	Typical I _o (mcd)	Typical V _f (V)	Typical I _f (mA)	Digi-Key Part No.	1	25	100	Dialight Part No.
1	Blue	470	1010	3.8	30.0	350-1563-ND	.99	.77	.61	521-9946F
	White	—	1690	3.8	30.0	350-1564-ND	1.97	1.53	1.24	521-9948F
2	Red	650	1.2	1.6	20.0	350-1711-ND	.98	.75	.61	555-2001F
	Green	565	1.0	2.4	20.0	350-1716-ND	.88	.68	.55	555-2301F
	Yellow	583	2.0	2.2	20.0	350-1718-ND	.99	.77	.62	555-2401F
	Red	650	1.9	5.0	6.0	350-1712-ND	1.01	.78	.63	555-2003F
	Red	650	0.9	5.0	3.0	350-1713-ND	1.03	.79	.64	555-2007F
	Red	650	0.6	5.0	1.0	350-1715-ND	1.02	.79	.63	555-2009F
	Green	565	2.5	5.0	4.7	350-1717-ND	.99	.77	.62	555-2303F
	Yellow	583	2.1	5.0	4.7	350-1719-ND	1.01	.78	.63	555-2403F
3	Red	650	0.9	24.0	3.0	350-1714-ND	1.05	.81	.66	555-2008F
	Red	650	1.2	1.6	20.0	350-1720-ND	1.02	.79	.63	555-3001F
	Green	565	1.0	2.4	20.0	350-1725-ND	1.30	1.01	.80	555-3301F
	Yellow	583	2.0	2.2	20.0	350-1727-ND	1.30	1.01	.80	555-3401F
	Red	650	1.9	5.0	6.0	350-1721-ND	.99	.77	.61	555-3003F
	Red	650	0.9	5.0	3.0	350-1722-ND	1.19	.93	.74	555-3007F
	Red	650	0.6	5.0	1.0	350-1724-ND	1.26	.98	.78	555-3009F
	Green	565	2.5	5.0	4.7	350-1726-ND	1.41	1.09	.87	555-3303F
	Yellow	583	2.1	5.0	4.7	350-1728-ND	1.41	1.09	.87	555-3403F
	Red	650	0.9	24.0	3.0	350-1723-ND	1.19	.93	.74	555-3008F
	Red	650	1.9	5.0	6.0	350-1802-ND	4.61	3.59	2.91	555-5003F
	Red	650	1.2	1.6	20.0	350-1803-ND	4.05	3.16	2.56	555-5001F
Green	565	1.0	2.4	20.0	350-1804-ND	4.79	3.73	3.02	555-5301F	
Yellow	583	2.0	2.2	20.0	350-1805-ND	4.79	3.73	3.02	555-5401F	
4	Green	565	8.7	2.1	20.0	350-1806-ND	1.88	1.46	1.16	570-0100-222F
	Red	635	12.6	2.0	20.0	350-1807-ND	1.88	1.46	1.16	570-0100-111F
	Yellow	585	12.6	2.1	20.0	350-1808-ND	1.88	1.46	1.16	570-0100-333F
	Red/Yellow/Green	635/585/565	12.6/12.6/8.7	2.0/2.1/2.1	20.0	350-1809-ND	1.88	1.46	1.16	570-0100-132F
5	Green	563	16.0	2.1	10.0	350-1810-ND	.58	.43	.36	551-0207F
	Yellow	585	6.3	2.1	10.0	350-1811-ND	.58	.43	.36	551-0307F
	Red	650	10.0	2.0	10.0	350-1812-ND	.58	.43	.36	551-0407F
	Green	565	8.0	5.0	12.0	350-1813-ND	.82	.63	.51	551-0607F
	Red	635	4.0	5.0	10.0	350-1814-ND	.82	.63	.51	551-0507F
	Yellow	583	8.0	5.0	10.0	350-1815-ND	.82	.63	.51	551-0707F
	High Eff. Blue	428	12.0	3.5	20.0	350-1844-ND	2.01	1.57	1.27	551-0807F
	Red	635	1.8	1.8	2.0	350-1816-ND	.70	.54	.44	551-1107F
	Green	565	1.6	1.8	2.0	350-1817-ND	.70	.54	.44	551-1307F
	Yellow	583	1.6	1.9	2.0	350-1818-ND	.70	.54	.44	551-1207F
Red/Green	635/565	5.0	2.0	10.0	350-1819-ND	.99	.77	.61	551-3007F	
Yellow/Green	585/565	4.3/6.3	2.1/2.1	10.0	350-1820-ND	.81	.63	.50	551-3107F	
6	Blue	470	1000	3.6	30.0	350-1846-ND	3.98	3.10	2.51	551-4007F
	White	—	1270	3.6	30.0	350-1847-ND	7.19	5.47	4.61	551-4107F
	Green	563	16.0	2.1	10.0	350-1865-ND	.63	.49	.39	551-0209F
	Yellow	585	6.3	2.1	10.0	350-1867-ND	.63	.49	.39	551-0309F
	Red	650	10.0	2.0	10.0	350-1869-ND	.63	.49	.39	551-0409F
	Orange	600	6.5	2.2	10.0	350-1882-ND	.70	.54	.44	551-2509F
	Red	635	4.0	5.0	10.0	350-1671-ND	.91	.70	.57	551-0509F
	Green	565	8.0	5.0	12.0	350-1673-ND	.91	.70	.57	551-0609F
	Yellow	583	8.0	5.0	10.0	350-1675-ND	.91	.70	.57	551-0709F
	High Eff. Blue	428	12.0	3.5	20.0	350-1845-ND	2.01	1.57	1.27	551-0809F
7	Red	635	1.8	1.8	2.0	350-1677-ND	.70	.54	.44	551-1109F
	Yellow	583	1.6	1.9	2.0	350-1679-ND	.70	.54	.44	551-1209F
	Green	565	1.6	1.8	2.0	350-1681-ND	.70	.54	.44	551-1309F
	Red/Green	635/565	5.0	2.0	10.0	350-1684-ND	1.13	.88	.70	551-3009F
	Yellow/Green	585/565	4.3/6.3	2.1	20.0	350-1685-ND	1.30	1.01	.81	551-3109F
	Green	563	16.0	2.1	10.0	350-1664-ND	2.18	1.70	1.38	551-0207-004F
	Yellow	585	6.3	2.1	10.0	350-1666-ND	2.18	1.70	1.38	551-0307-004F
	Red	650	10.0	2.0	10.0	350-1668-ND	2.02	1.56	1.25	551-0407-004F
	Green	565	8.0	5.0	12.0	350-1672-ND	2.74	2.14	1.73	551-0607-004F
	Red	635	1.8	1.8	2.0	350-1676-ND	2.25	1.75	1.42	551-1107-004F
8	Yellow	583	1.6	1.9	2.0	350-1678-ND	2.83	2.21	1.79	551-1207-004F
	Green	565	1.6	1.8	2.0	350-1680-ND	2.83	2.21	1.79	551-1307-004F
	Red/Green	635/565	5.0	2.0	10.0	350-1683-ND	4.80	3.65	3.07	551-3007-004F
	Green	563	16.0	2.1	10.0	350-1821-ND	1.13	.88	.70	553-0111F
	Yellow	585	6.3	2.1	10.0	350-1825-ND	1.13	.88	.70	553-0133F
	Gm.(top)/Red.(bot.)	563/650	16.0/10.0	2.1/2.0	10.0	350-1822-ND	.87	.67	.54	553-0121F
	Gm.(top)/Yw.(bot.)	563/585	16.0/6.3	2.1/2.1	10.0	350-1823-ND	1.13	.88	.70	553-0123F
	Ylw.(top)/Gm.(bot.)	585/563	6.3/16.0	2.1/2.1	10.0	350-1824-ND	1.13	.88	.70	553-0132F
	High Efficiency Blue	428	12.0	3.5	20.0	350-1850-ND	3.71	2.89	2.34	553-0188F
	Red	635	1.8	1.8	2.0	350-1827-ND	1.24	.96	.77	553-0211F
9	Green	565	1.6	1.8	2.0	350-1828-ND	1.24	.96	.77	553-0222F
	Yellow	583	1.6	1.9	2.0	350-1830-ND	1.24	.96	.77	553-0233F
	Gm.(top)/Yw.(bot.)	565/583	1.6/1.6	1.8/1.9	2.0	350-1829-ND	1.24	.96	.77	553-0223F
	Green	565	8.0	5.0	12.0	350-1831-ND	1.10	.86	.68	553-0322F
	Red	635	4.0	5.0	10.0	350-1832-ND	1.33	1.03	.82	553-0311F
	Yellow	583	8.0	5.0	10.0	350-1833-ND	1.33	1.03	.82	553-0333F
	2x Red/Green	635/565	5.0	2.0	10.0	350-1834-ND	1.66	1.28	1.02	553-0711F
	2x Yellow/Green	585/565	4.3/6.3	2.1/2.1	10.0	350-1835-ND	1.66	1.28	1.02	553-0744F
	Red	650	10.0	2.0	10.0	350-1698-ND	1.13	.88	.70	553-0111-300F
	Green	563	16.0	2.1	10.0	350-1699-ND	1.13	.88	.70	553-0122-300F
Yellow	585	6.3	2.1	10.0	350-1700-ND	1.13	.88	.70	553-0133-300F	



(Continued)

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