

Kingbright Through-Hole LEDs



Dimensions in mm

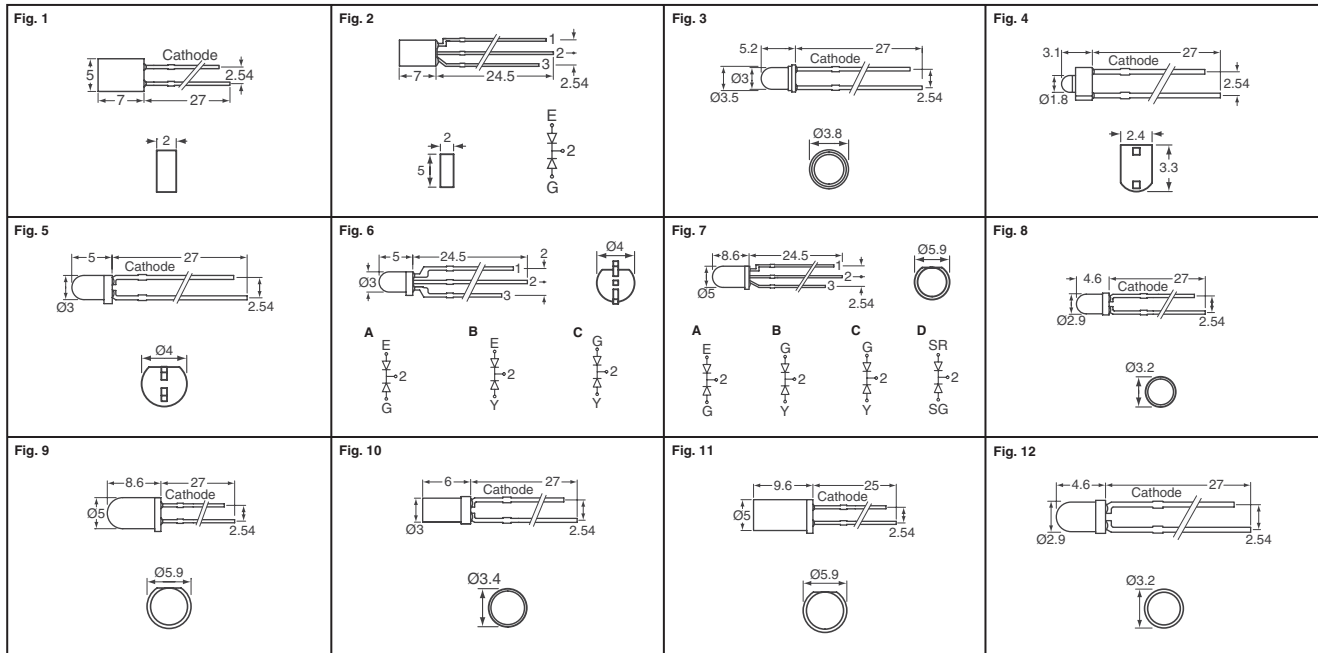


Fig.	Package Type	Emitted Color	Lens	Peak Wavelength (nm)	Forward Voltage (Typ.) (V)	Forward Current (Max.) (mA)	Iv (mcd) @ 20mA (Min.)	Iv (mcd) @ 20mA (Typ.)	View Angle	Digi-Key Part No.	1	Pricing 25	100	Kingbright Part No.
1	2 x 5mm	Green	Diffused	565	2.2	25	1.8†	5†	110°	754-1200-ND	.10	1.96	6.35	WP113GDT
		HE Red	Diffused	627	2.0	30	3†	5†	110°	754-1201-ND	.10	1.96	6.35	WP113IDT
		Red	Diffused	660	1.85	30	36	80	110°	754-1202-ND	.13	2.54	8.23	WP113SRDT
		Yellow	Diffused	590	2.1	30	1†	4†	110°	754-1203-ND	.10	1.96	6.35	WP113YDT
2	2 x 5mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	7/4	20/12	110°	754-1204-ND	.24	4.71	15.28	WP119EGWT
3	3mm	Green	Diffused	565	2.2	25	8†	15†	60°	754-1210-ND	.09	1.81	5.88	WP132XGD
		HE Red	Diffused	627	2.0	30	8†	25†	60°	754-1211-ND	.10	1.89	6.11	WP132XID
		Yellow	Diffused	590	2.1	30	5†	15†	60°	754-1212-ND	.10	1.89	6.11	WP132XYD
4	1.8mm	Green	Diffused	565	2.2	25	5†	10†	70°	754-1213-ND	.17	3.34	10.81	WP2060GD
		HE Red	Diffused	627	2.0	30	8†	15†	70°	754-1214-ND	.17	3.34	10.81	WP2060ID
		Red	Diffused	660	1.85	30	70	200	70°	754-1215-ND	.17	3.34	10.81	WP2060SRD
5	3mm	Green	Diffused	565	2.2	25	8†	20†	50°	754-1217-ND	.10	1.89	6.11	WP3A8GD
		Red	Diffused	700	2.25	25	1†	2.5†	50°	754-1218-ND	.10	1.89	6.11	WP3A8HD
		HE Red	Diffused	627	2.0	30	8†	25†	50°	754-1219-ND	.10	1.96	6.35	WP3A8ID
6A 6B 6C	3mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	10/10	40/35	60°	754-1221-ND	.27	5.22	16.92	WP3VEGV
		HE Red/Ylw	White Diffused	627/590	2/2.1	30	10/7	40/15	60°	754-1222-ND	.27	5.22	16.92	WP3VEYW
		Gm/Yellow	White Diffused	565/590	2.2/2.1	25/30	10/7	35/15	60°	754-1223-ND	.27	5.22	16.92	WP3VGYW
7A 7B 7C 7D	5mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	18/18	60/50	60°	754-1232-ND	.24	4.71	15.28	WP59EGW
		HE Red/Ylw	White Diffused	627/590	2/2.1	30	18/18	60/40	60°	754-1233-ND	.24	4.71	15.28	WP59EYW
		Gm/Yellow	White Diffused	565/590	2.2/2.1	25/30	18/18	50/40	60°	754-1234-ND	.24	4.71	15.28	WP59GYW
		Red/Green	White Diffused	660/565	1.85/2.2	30/25	110/18	220/50	60°	754-1235-ND	.27	5.22	16.92	WP59SRGGW/CC
8	3mm	Green	Water Clear	574	2.1	30	110	350	34°	754-1240-ND	.13	2.54	8.23	WP7104CGCK
		Green	Diffused	565	2.2	25	8†	20†	40°	754-1242-ND	.09	1.81	5.88	WP7104GD
		HE Red	Diffused	627	2.0	30	8†	20†	40°	754-1243-ND	.09	1.81	5.88	WP7104ID
		Green	Diffused	565	1.9	25	0.7‡	2‡	40°	754-1244-ND	.09	1.81	5.88	WP7104LGD
		HE Red	Diffused	627	1.7	30	0.7‡	3‡	40°	754-1245-ND	.09	1.81	5.88	WP7104LID
		Red	Diffused	660	1.65	30	8‡	20‡	40°	754-1246-ND	.10	1.89	6.11	WP7104LSRD
		Yellow	Diffused	590	1.85	30	0.7‡	1.5‡	40°	754-1247-ND	.10	1.89	6.11	WP7104LYD
		Blue	Water Clear	468	3.2	30	180	1000	20°	754-1248-ND	.42	8.05	26.09	WP7104PBC/A
		Blue	Water Clear	458	3.2	30	1200	2200	45°	754-1249-ND	1.27	24.51	79.43	WP7104PBC/Z
		Orange	Water Clear	610	2.0	30	480	1300	34°	754-1250-ND	.23	4.50	14.57	WP7104SEC
		Red	Water Clear	640	2.2	30	2800	5500	34°	754-1251-ND	.59	11.31	36.66	WP7104SEC/J2
		Green	Water Clear	565	2.2	25	70	150	34°	754-1252-ND	.09	1.81	5.88	WP7104SGC
		Red	Water Clear	660	1.85	30	480	600	34°	754-1253-ND	.09	1.81	5.88	WP7104SRC/D
		Red	Water Clear	660	1.85	30	650	800	34°	754-1254-ND	.10	1.89	6.11	WP7104SRC/E
		Red	Diffused	660	1.85	30	110	150	40°	754-1255-ND	.10	1.96	6.35	WP7104SRD/D
		Red	Diffused	660	1.85	30	180	250	40°	754-1256-ND	.11	2.10	6.82	WP7104SRD/E
Yellow	Water Clear	590	2.0	30	280	700	34°	754-1257-ND	.23	4.50	14.57	WP7104SYC		
Yellow	Water Clear	590	2.3	30	1200	2200	34°	754-1258-ND	.59	11.31	36.66	WP7104SYC/J2		
Green	Water Clear	520	3.2	30	1200	3000	34°	754-1259-ND	.93	17.91	58.05	WP7104VGC/A		
Green	Water Clear	525	3.2	30	3300	9000	34°	754-1260-ND	1.46	28.28	91.65	WP7104VGC/Z		
Yellow	Diffused	590	2.1	30	5†	15†	40°	754-1261-ND	.09	1.81	5.88	WP7104YD		
9	5mm	Green	Water Clear	574	2.1	30	380	900	20°	754-1262-ND	.13	2.54	8.23	WP7113CGCK
		Green	Diffused	565	2.2	25	5†	20†	30°	754-1263-ND	.09	1.81	5.88	WP7113GD
		HE Red	Diffused	627	2.0	30	8†	45†	30°	754-1264-ND	.09	1.81	5.88	WP7113ID
		Green	Diffused	565	1.9	25	0.7‡	2‡	30°	754-1265-ND	.09	1.81	5.88	WP7113LGD
		HE Red	Diffused	627	1.7	30	0.7‡	5‡	30°	754-1266-ND	.09	1.81	5.88	WP7113LID
		Red	Diffused	660	1.65	30	8‡	20‡	30°	754-1267-ND	.10	1.89	6.11	WP7113LSRD
		Yellow	Diffused	590	1.85	30	0.7‡	2‡	30°	754-1268-ND	.10	1.89	6.11	WP7113LYD
		Blue	Water Clear	468	3.2	30	280	1000	16°	754-1269-ND	.42	8.05	26.09	WP7113PBC/A
		Blue	Water Clear	458	3.2	30	2800	5500	20°	754-1270-ND	1.27	24.51	79.43	WP7113PBC/Z
		Orange	Water Clear	610	2.0	30	650	2500	20°	754-1271-ND	.23	4.50	14.57	WP7113SEC
		Red	Water Clear	640	2.2	30	6700	12000	20°	754-1272-ND	.59	11.31	36.66	WP7113SEC/J2
		Green	Water Clear	565	2.2	25	70	200	20°	754-1273-ND	.09	1.81	5.88	WP7113SGC

§ Chromaticity Coordinates † Iv (mcd) @ 10mA ‡ Iv (mcd) @ 2mA

(Continued)

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Dimensions in mm

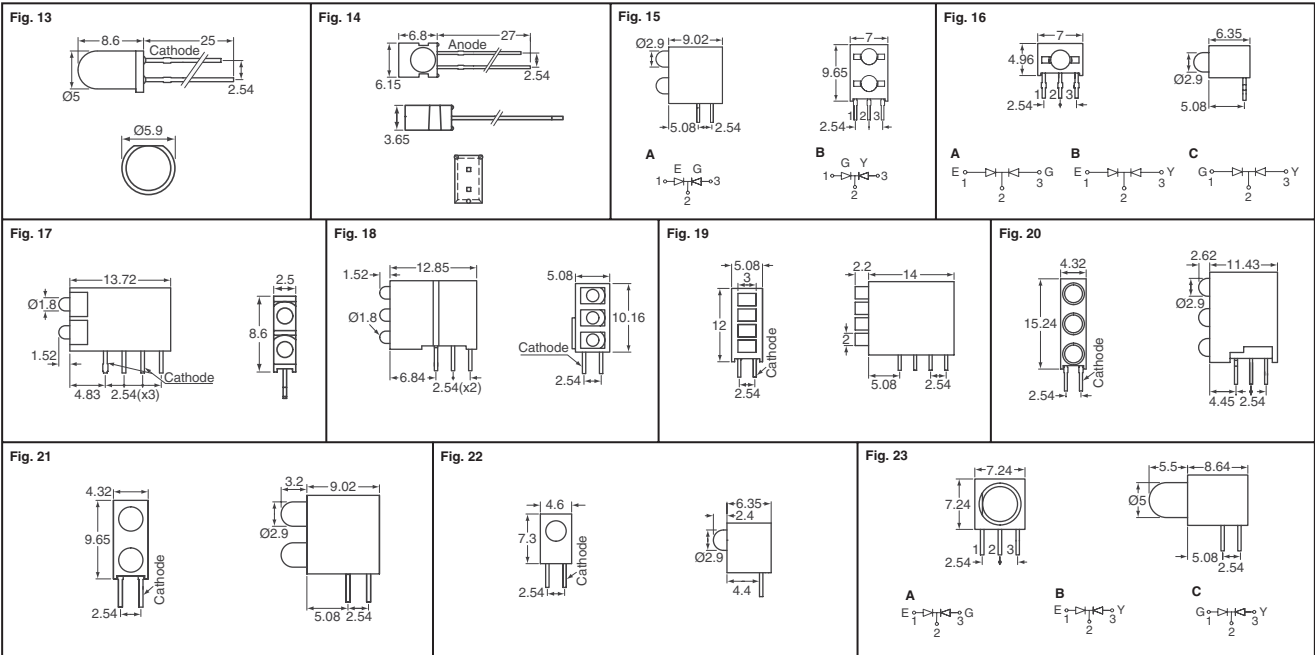


Fig.	Package Type	Emitted Color	Lens	Peak Wavelength (nm)	Forward Voltage (Typ.) (V)	Forward Current (Max.) (mA)	Iv (mcd) @ 20mA (Typ.)		View Angle	Digi-Key Part No.	1	Pricing 25	100	Kingbright Part No.
9	5mm	Red	Water Clear	660	1.85	30	900	1100	20°	754-1274-ND	.09	1.81	5.88	WP7113SRC/DU
		Red	Diffused	660	1.85	30	180	250	30°	754-1275-ND	.09	1.81	5.88	WP7113SRD/D
		Red	Diffused	660	1.85	30	280	400	30°	754-1276-ND	.10	1.89	6.11	WP7113SRD/E
		Red	Diffused	660	1.85	30	480	600	30°	754-1277-ND	.34	6.60	21.39	WP7113SRD/F
		Red	Diffused	660	1.85	30	480	600	30°	754-1278-ND	.28	5.44	17.63	WP7113SRD/GW
		Red/Green	White Diffused	660/565	1.85/2.2	30/25	110/18	200/60	35°	754-1279-ND	.23	4.50	14.57	WP7113SURC
		Red	Water Clear	640	1.9	30	1200	1400	20°	754-1280-ND	.23	4.50	14.57	WP7113SYC
		Yellow	Water Clear	590	2.0	30	650	2000	20°	754-1281-ND	.59	11.31	36.06	WP7113SYC/J2
		Green	Water Clear	520	3.2	30	2200	3800	20°	754-1282-ND	.93	17.91	58.05	WP7113VGC/A
		Green	Water Clear	525	3.2	30	10000	22000	20°	754-1283-ND	1.46	28.28	91.65	WP7113VGC/Z
		Yellow	Diffused	590	2.1	30	5†	20†	30°	754-1284-ND	.09	1.81	5.88	WP7113YD
		Green	Water Clear	515	3.3	25	3800	6500	20°	754-1285-ND	.59	11.60	36.68	WP7113ZGC
10	3mm	Green	Diffused	565	2.2	25	1†	4†	100°	754-1304-ND	.12	2.39	7.76	WP424GDT
		HE Red	Diffused	627	2.0	30	3†	5†	100°	754-1305-ND	.12	2.39	7.76	WP424IDT
		Yellow	Diffused	590	2.1	30	1†	4†	100°	754-1306-ND	.12	2.39	7.76	WP424YDT
11	5mm	Green	Diffused	565	2.2	25	1†	4†	100°	754-1307-ND	.12	2.39	7.76	WP483GDT
		HE Red	Diffused	627	2.0	30	1.8†	5†	100°	754-1308-ND	.12	2.39	7.76	WP483IDT
		Yellow	Diffused	590	2.1	30	0.7†	3†	100°	754-1309-ND	.12	2.39	7.76	WP483YDT
12	3mm	Cyan	Water Clear	0.18/0.39§	3.3	30	480	1600	34°	754-1310-ND	1.34	25.96	84.13	WP71104PR51C/A
13	5mm	Cyan	Water Clear	0.18/0.39§	3.3	30	900	2200	20°	754-1311-ND	1.34	25.96	84.13	WP71113PR51C/A
14	3.65 x 6.15mm	Green	Diffused	565	2.2	25	1†	4†	100°	754-1195-ND	.27	5.22	16.92	WP1043GD
		HE Red	Diffused	627	2.0	30	1.8†	10†	100°	754-1196-ND	.27	5.22	16.92	WP1043ID
		Green	Diffused	565	2.2	25	4	10	100°	754-1197-ND	.32	6.15	19.98	WP1043SD
		Red	Diffused	660	1.85	30	36	90	100°	754-1198-ND	.34	6.60	21.39	WP1043SRD
		Yellow	Diffused	590	2.1	30	1†	4†	100°	754-1199-ND	.27	5.22	16.92	WP1043YD
Circuit Board Indicator														
15A	3mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	7/7	30/25	60°	754-1205-ND	.73	14.14	45.83	WP130WC/P2EGW
15B	3mm	Gm/Yellow	White Diffused	565/590	2.2/2.1	25/30	7/7	25/20	60°	754-1206-ND	.73	14.14	45.83	WP130WC/P2GYW
16A	3mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	7/7	30/25	60°	754-1207-ND	.34	6.60	21.39	WP130WDT/EGW
16B		HE Red/Ylw	White Diffused	627/590	2/2.1	30	7/7	30/20	60°	754-1208-ND	.34	6.60	21.39	WP130WDT/EYW
16C		Gm/Yellow	White Diffused	565/590	2.2/2.1	25/30	7/7	25/20	60°	754-1209-ND	.34	6.60	21.39	WP130WDT/GYW
17	1.8mm	Green	Diffused	565	2.2	25	5†	10†	70°	754-1224-ND	.66	12.76	41.36	WP4060VH/2GD
		HE Red	Diffused	627	2.0	30	8†	15†	70°	754-1225-ND	.66	12.76	41.36	WP4060VH/2ID
		Red	Diffused	660	1.85	30	70	200	70°	754-1226-ND	.66	12.76	41.36	WP4060VH/2SRD
		Yellow	Diffused	590	2.1	30	1.8†	5†	70°	754-1227-ND	.66	12.76	41.36	WP4060VH/2YD
		Green	Diffused	565	2.2	25	5†	10†	70°	754-1228-ND	.98	18.85	61.10	WP4060XH/3GD
18	1.8mm	HE Red	Diffused	627	2.0	30	8†	15†	70°	754-1229-ND	.98	18.85	61.10	WP4060XH/3ID
		Red	Diffused	660	1.85	30	70	200	70°	754-1230-ND	.98	18.85	61.10	WP4060XH/3SRD
		Yellow	Diffused	590	2.1	30	1.8†	5†	70°	754-1231-ND	.98	18.85	61.10	WP4060XH/3YD
		Green	Diffused	565	2.2	25	1.8†	6†	100°	754-1286-ND	1.17	22.62	73.32	WP914CK/4GDT
19	2 x 3mm	HE Red	Diffused	627	2.0	30	1.8†	8†	100°	754-1287-ND	1.17	22.62	73.32	WP914CK/4IDT
		Yellow	Diffused	590	2.1	30	1†	4†	100°	754-1288-ND	1.17	22.62	73.32	WP914CK/4YDT
		Green	Diffused	565	2.2	25	8†	20†	40°	754-1289-ND	.71	13.70	44.42	WP934SA/3GD
20	3mm	HE Red	Diffused	627	2.0	30	8†	20†	40°	754-1290-ND	.71	13.70	44.42	WP934SA/3ID
		Red	Diffused	660	1.85	30	110	300	40°	754-1291-ND	.76	14.65	47.47	WP934SA/3SRD
		Yellow	Diffused	590	2.1	30	5†	15†	40°	754-1292-ND	.71	13.70	44.42	WP934SA/3YD
21	3mm	Green	Diffused	565	2.2	25	8†	20†	40°	754-1293-ND	.33	6.38	20.68	WP934EB/2GD
		HE Red	Diffused	627	2.0	30	8†	20†	40°	754-1294-ND	.33	6.38	20.68	WP934EB/2ID
		Red	Diffused	660	1.85	30	110	300	40°	754-1295-ND	.34	6.60	21.39	WP934EB/2SRD
		Yellow	Diffused	590	2.1	30	5†	15†	40°	754-1296-ND	.34	6.60	21.39	WP934EB/2YD
22	3mm	Green	Diffused	565	2.2	25	8†	20†	40°	754-1297-ND	.21	3.99	12.93	WP934CB/GD
		HE Red	Diffused	627	2.0	30	8†	20†	40°	754-1298-ND	.21	3.99	12.93	WP934CB/ID
		Red	Diffused	660	1.85	30	110	300	40°	754-1299-ND	.22	4.28	13.87	WP934CB/SRD
		Yellow	Diffused	590	2.1	30	5†	15†	40°	754-1300-ND	.21	3.99	12.93	WP934CB/YD
23A	5mm	HE Red/Gm	White Diffused	627/565	2/2.2	30/25	18/18	60/50	60°	754-1301-ND	.33	6.38	20.68	WP59BL/EGW
		HE Red/Ylw	White Diffused	627/590	2/2.1	30	18/18	60/40	60°	754-1302-ND	.33	6.38	20.68	WP59BL/EYW
		Gm/Yellow	White Diffused	565/590	2.2/2.1	25/30	18/18	50/40	60°	754-1303-ND	.33	6.38	20.68	WP59BL/GYW

§ Chromaticity Coordinates † Iv (mcd) @ 10mA ‡ Iv (mcd) @ 2mA

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