

# KINGBRIGHT LED Lamps

**Kingbright**  
WWW.KINGBRIGHTUSA.COM

RoHS Compliant This product is RoHS compliant.

## LED LAMPS (CONT.)

Standard T-1 3/4 (5mm) (Cont.)

• Forward current: 10mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity		Forward Voltage	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP1503YC	WP1503YC	A	Yellow	Water Clear	588	20	40	2.1	30°	.14	.116	.09	.045
604-WP1503GD	WP1503GD	A	Green	Green Diffused	568	5	20	2.2	60°	.10	.08	.07	.06
604-WP1503GC	WP1503GC	A	Green	Water Clear	568	20	60	2.2	30°	.12	.099	.08	.039
604-WP7113HD	WP7113HD	B	Red	Red Diffused	700	2	5	2	60°	.11	.07	.055	.048
604-WP7113ID	WP7113ID	B	Hi-Eff. Red	Red Diffused	627	8	45	2	30°	.10	.069	.054	.044
604-WP7113EC	WP7113EC	B	Hi-Eff. Red	Water Clear	625	30	80	2	20°	.09	.06	.048	.044
604-WP7113IT	WP7113IT	B	Hi-Eff. Red	Red Trans.	625	50	200	2	20°	.09	.06	.048	.044
604-WP7113ED	WP7113ED	B	Orange	Orange Diffused	627	8	25	2	30°	.09	.06	.048	.044
604-WP7113ND	WP7113ND	B	Orange	Orange Diffused	610	12	30	2.1	30°	.08	.055	.044	.044
604-WP7113NC	WP7113NC	B	Orange	Water Clear	610	50	80	2.1	20°	.09	.06	.048	.044
604-WP7113YT	WP7113YT	B	Yellow	Yellow Trans.	590	20	80	2.1	20°	.09	.06	.048	.044
604-WP7113YD	WP7113YD	B	Yellow	Yellow Diffused	588	5	20	2.1	30°	.11	.073	.057	.046
604-WP7113YC	WP7113YC	B	Yellow	Water Clear	588	20	40	2.1	20°	.09	.06	.048	.044
604-WP7113GD	WP7113GD	B	Green	Green Diffused	568	5	20	2.2	30°	.09	.058	.045	.037
604-WP7113GC	WP7113GC	B	Green	Water Clear	568	20	60	2.2	20°	.09	.06	.048	.044
604-WP7113GT	WP7113GT	B	Green	Green Trans.	565	20	80	2.2	20°	.09	.06	.048	.044
604-WP7113PGD	WP7113PGD	B	Green	Green Diffused	555	2	5	2.3	30°	.13	.083	.059	.053
604-WP7113PGC	WP7113PGC	B	Green	Water Clear	555	5	10	2.3	20°	.13	.085	.06	.054

## Super Bright T-1 3/4 (5mm)

• Forward current: 20mA

**PRODUCT NEW**

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity		Forward Voltage	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP7113SRD/D	WP7113SRD/D	B	Red	Red Diffused	640	200	250	1.9	30°	.09	.06	.048	.044
604-WP7113SRD/E	WP7113SRD/E	B	Red	Red Diffused	640	300	400	1.9	30°	.09	.06	.04	.04
604-WP7113SRD/F	WP7113SRD/F	B	Red	Red Diffused	640	500	600	1.9	30°	.34	.21	.16	.136
604-WP1543SRC/C	WP1543SRC/C	B	Red	Water Clear	640	400	600	1.9	50°	.18	.14	.12	.09
604-WP7113SRD/G	WP7113SRD/G	B	Red	Red Diffused	640	700	900	1.9	30°	.50	.31	.24	.20
604-WP1543SRC/D	WP1543SRC/D	B	Red	Water Clear	640	700	900	1.9	50°	.45	.36	.31	.23
604-WP7113SRC/DU	WP7113SRC/DU	B	Red	Water Clear	640	1000	1200	1.9	20°	.09	.06	.048	.044
604-WP7113SRC/DV	WP7113SRC/DV	B	Red	Water Clear	640	1300	1500	1.9	20°	.10	.06	.048	.044
604-WP7113SRD/H	WP7113SRD/H	B	Red	Red Diffused	640	1000	1500	1.9	30°	.59	.37	.28	.23
604-WP7113SRC/DW	WP7113SRC/DW	B	Red	Water Clear	640	1600	1800	1.9	20°	.10	.06	.048	.044
604-WP1543SRC/E	WP1543SRC/E	B	Red	Water Clear	640	1000	2000	1.9	50°	.50	.40	.34	.30
604-WP7113SRC/E	WP7113SRC/E	B	Red	Water Clear	640	2000	2800	1.9	20°	.41	.26	.20	.17
604-WP7113SRC/F	WP7113SRC/F	B	Red	Water Clear	640	3500	4000	1.9	20°	.54	.34	.26	.21
604-WP1543SURC/E	WP1543SURC/E	B	Red	Water Clear	630	700	1300	1.9	50°	.45	.36	.31	.23
604-WP7113SURC/E	WP7113SURC/E	B	Red	Water Clear	630	1600	2200	1.9	20°	.34	.21	.16	.14
604-WP7143SEC/H	WP7143SEC/H	B	Hyper Orange	Water Clear	630	4700	6500	2.4	30°	.82	.66	.56	.42
604-WP7113SURC	WP7113SURC	B	Red	Water Clear	628	1300	1800	1.9	20°	.21	.13	.10	.09
604-WP7113SEC/E	WP7113SEC/E	B	Red	Water Clear	621	1600	5000	2	20°	.34	.21	.16	.14
604-WP7113SEC/J4	WP7113SEC/J4	B	Super Bright Orange	Water Clear	605	8000	14000	2.2	20°	.45	.35	.31	.45
604-WP7113SEC	WP7113SEC	B	Super Bright Orange	Water Clear	610	2700	4200	2	20°	.23	.145	.111	.093
604-WP7113SED	WP7113SED	B	Red	Orange Diffused	601	400	800	2	30°	.23	.155	.111	.101
604-WP7113SYC/H	WP7113SYC/H	B	Yellow	Water Clear	589	1500	3300	2.3	20°	.74	.46	.35	.29
604-WP7113SYD	WP7113SYD	B	Yellow	Yellow Diff.	590	180	600	2	30°	.21	.16	.15	.11
604-WP7113SYC	WP7113SYC	B	Yellow	Water Clear	590	650	2000	2	20°	.21	.17	.15	.11
604-WP7113SGD	WP7113SGD	B	Green	Green Diff.	568	18	40	2.2	30°	.09	.06	.048	.044
604-WP1543SGC	WP1543SGC	B	Green	Water Clear	568	70	150	2.2	50°	.12	.077	.059	.049
604-WP7113SGC	WP7113SGC	B	Green	Water Clear	568	70	200	2.2	20°	.09	.06	.048	.044
604-WP7113MGC	WP7113MGC	B	Green	Water Clear	568	480	1000	2.1	20°	.79	.49	.37	.31
604-WP7143ZC/G	WP7143ZC/G	B	Green	Water Clear	525	4700	12000	3.2	30°	.86	.60	.53	.48
604-WP7113ZC/G	WP7113ZC/G	B	Green	Water Clear	525	7600	12000	3.2	20°	.82	.52	.40	.35
604-WP7113QBC/D	WP7113QBC/D	B	Blue	Water Clear	470	900	2200	3.3	16°	.29	.18	.14	.12
604-WP7143QBC/G	WP7143QBC/G	B	Blue	Water Clear	465	1200	2600	3.3	30°	1.39	1.09	.88	.75
604-WP7113MBD	WP7113MBD	B	Blue	Blue Diff.	466	36	60	3.8	20°	.95	.65	.55	.50
604-WP7113MBC	WP7113MBC	B	Blue	Water Clear	466	50	150	3.8	16°	1.03	.81	.72	.61
604-WP7113QWC/D	WP7113QWC/D	B	White	Water Clear	6500K	1200	2500	3.3	20°	.21	.17	.14	.135
604-WP7113VW1C	WP7113VW1C	B	White	Water Clear	6500K	6700	9100	3.3	20°	.79	.49	.37	.31

## Blinking T-1 3/4 (5mm)

• Forward current: 22mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity (mcd)		Forward Voltage (Typ.)	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP56BHD	WP56BHD	B	Red	Red Diff.	660	0.7	4	14	60°	.83	.55	.45	.40
604-WP56BSRD/B	WP56BSRD/B	B	Red	Red Diff.	640	110	200	22	60°	.98	.78	.67	.55
604-WP56BYD	WP56BYD	B	Yellow	Yellow Diff.	588	5	20	22	60°	.83	.55	.45	.40
604-WP56BGD	WP56BGD	B	Green	Green Diff.	568	5	20	22	60°	.83	.55	.45	.40

## Dual Color T-1 3/4 (5mm)

• Forward current: 20mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity (mcd)		Forward Voltage (Typ.)	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP57EGW	WP57EGW	B	Red/Green	White Diff	625/568	10/10	30/20	2.0/2.2	60°	.22	.17	.15	.17
604-WP57GYW	WP57GYW	B	Grrn/Yellow	White Diff	568/588	10/4	20/10	2.2/2.1	60°	.46	.36	.31	.36
604-WP59EGW	WP59EGW	C	Red/Green	White Diff	625/568	18/18	60/50	2.0/2.2	60°	.24	.18	.16	.23
604-WP59SURKSGC	WP59SURKSGC	C	Red/Green	Water Clear	635/568	480/70	1100/200	1.95/2.2	24°	.31	.23	.17	.23
604-WP59GYW	WP59GYW	C	Grrn/Yellow	White Diff	568/588	18/18	50/40	2.2/2.1	60°	.24	.18	.16	.18

## 8mm LEDs

• Forward current: 20mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity (mcd)		Forward Voltage (Typ.)	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP793ID	WP793ID	D	Hi-Eff. Red	Red Diffused	625	36	100	2	30°	.30	.234	.173	.153
604-WP793YD	WP793YD	D	Yellow	Yellow Diffused	588	18	50	2.1	30°	.30	.23	.17	.15
604-WP793GD	WP793GD	D	Green	Green Diffused	568	18	60	2.2	30°	.30	.23	.17	.15

## Super Bright 10mm LEDs

• Forward current: 20mA

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Wave-length	Luminous Intensity (mcd)		Forward Voltage (Typ.)	Viewing Angle	Price Each			
			Source	Lens		Min.	Typ.			1	100	500	1000
604-WP813SRC/C	WP813SRC/C	E	Red	Water Clear	640	900	1500	1.85	15°	.46	.36	.31	.23
604-WP813SRC/E	WP813SRC/E	E	Red	Water Clear	640	1800	2700	1.85	15°	.84	.57	.48	.43

