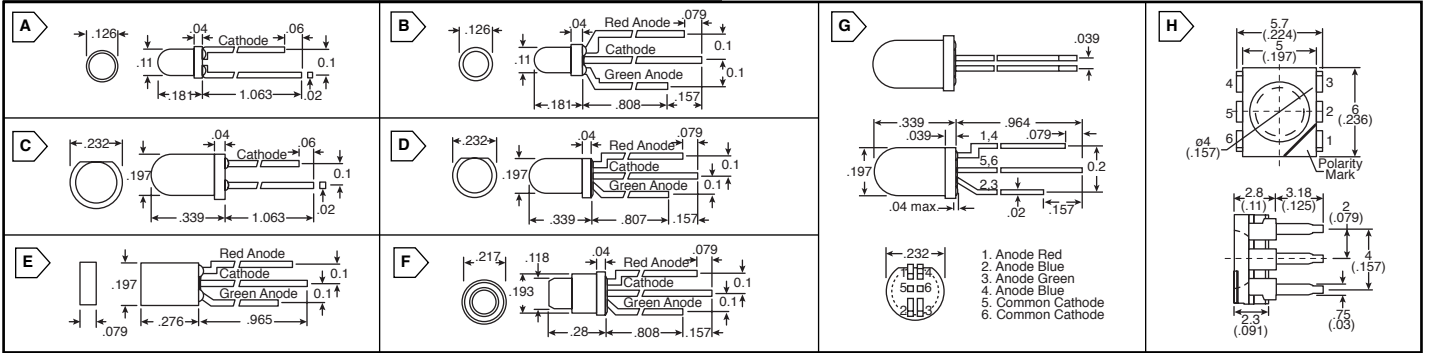


KINGBRIGHT LED Lamps

An ISO 9002 & CE 9000 Company

Illumination

Kingbright



DIMENSIONS : in.

Kingbright DUAL COLOR LED LAMPS

• Forward current: 20mA

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Typ. Forward Voltage (V)	Luminous Intensity		Peak Wavelength (nm)	Viewing Angle	Price Each					2000+
			LED	Lens		Min.	Typ.			1	100	500	1000		
T-1 Dual Color (3mm)														CALL FOR QUOTE	
604-WP937EGW	WP937EGW	A	Red/Green	White Diffused	2.0/2.2	8/8	20/20	625/565	60°	.34	.34	.24	.18		
604-WP937GYW	WP937GYW	A	Green/Yellow	White Diffused	2.2/2.1	8/5	20/10	565/590	60°	.36	.29	.25	.19		
604-WP93WEGW	WP93WEGW	B	Red/Green	White Diffused	2.0/2.2	20/20	50/50	625/565	60°	.50	.50	.34	.26		
604-WP93WEGC	WP93WEGC	B	Red/Green	Wtr Clear	2.0/2.2	40/20	160/80	625/565	24°	.55	.55	.37	.28		
T-1 3/4														CALL FOR QUOTE	
604-WP57EGW	WP57EGW	C	Red/Green	White Diffused	2.0/2.2	20/15	50/40	625/565	60°	.47	.40	.32	.25		
604-WP57GYW	WP57GYW	C	Green/Yellow	White Diffused	2.2/2.1	12.5/5	40/20	565/590	60°	.46	.36	.31	.23		
604-WP59EGW	WP59EGW	D	Red/Green	White Diffused	2.0/2.2	20/20	90/70	625/565	60°	.34	.27	.24	.18		
604-WP59GYW	WP59GYW	D	Green/Yellow	White Diffused	2.2/2.1	20/20	70/60	565/590	60°	.39	.31	.27	.20		
604-WP59SURKSGC	WP59SURKSGC	D	Red/Green	Water Clear	1.95/2.2	900/70	1600/200	640/565	24°	.53	.42	.36	.29		
Rectangular														CALL FOR QUOTE	
604-WP119EGW	WP119EGW	E	Red/Green	White Diffused	2.0/2.2	1.6	20/12.5	625/565	110°	.34	.27	.24	.18		
Pin Point .12"															
604-WP469EGW	WP469EGW	F	Red/Green	White Diffused	2.0/2.2	5	20	625/565	60°	.46	.36	.36	.23		

Kingbright FULL COLOR SPECTRUM - LEDS

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Red (627nm)			Green (565nm)			* Blue (430nm)			Viewing Angle	Price Each				
			Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ	Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ	Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ		1	100	500	1000	2000+
604-WPF5WAEMBGMWB	WPF5WAEMBGMWB	G	2	10	25	2.2	10	20	3.8	10	30	60°	3.97	3.25	2.84	2.61	Call

* Part has two blue leds built into it. Specs are for each led as a single unit.

Kingbright CHAMELEON FULL COLOR SPECTRUM - LEDS

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Hyper Orange (630nm) *			Green (520nm)			Blue (465nm)			Viewing Angle	Price Each				
			Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ	Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ	Volt. (Typ)	Iv (mcd) Min	Iv (mcd) Typ		1	100	500	1000	2000+
604-AAF5060-RGB	AAF5060PBEEVVG	H	2	650**	1000**	4	180	350	3.7	110	250	100°	4.49	3.99	3.79	3.49	Call

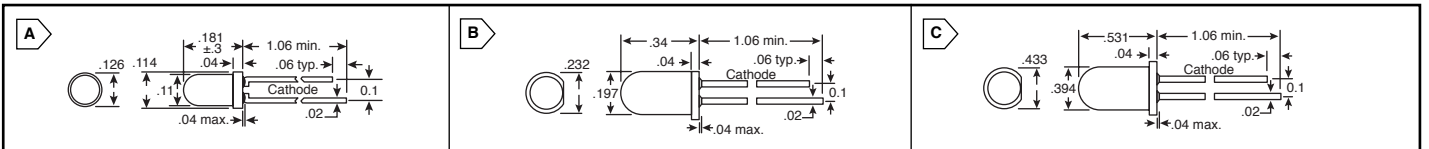
* Kingbright's "Hyper Orange" is the same wavelength as Industry Standard Terminology "Hi-Efficiency Red".

** Luminous intensity with asterisk is measured at 50mA.

Kingbright BLUE AND WHITE LED LAMPS

This new series offers a brighter version of the blue or white LED's without the high costs that is associated with the Super Bright Blue or white LED's. This offers our customers the more popular sizes and lens colors that have been requested at a modest cost.

DIMENSIONS : in.



Blue LEDs

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Typ. Forward Voltage (V)	Luminous Intensity		Peak Wavelength (nm)	Viewing Angle	Price Each				
			LED	Lens		Min.	Typ.			1	100	500	1000	2000+
Blue T-1 (3mm) Size														Call for Quote
604-WP7104MBD	WP7104MBD	A	Blue	Blue Diffused	3.8	12.5	40	430	60°	2.52	2.27	2.14	1.97	
604-WP7104MBC	WP7104MBC	A	Blue	Water Clear	3.8	20	90	430	20°	2.52	2.27	2.14	1.97	
604-WP7104PBC/H	WP7104PBC/H	A	Blue	Water Clear	3.7	1200	3600	467	20°	2.73	2.18	1.87	1.40	
604-WP7104PBC	WP7104PBC	A	Blue	Water Clear	3.7	110	350	468	20°	2.37	1.89	1.62	1.21	
604-WP7104QBC/D	WP7104QBC/D	A	Blue	Water Clear	3.5	650	1500	480	25°	1.86	1.48	1.27	.95	
Blue T-1 3/4														Call for Quote
604-WP7113MBD	WP7113MBD	B	Blue	Blue Diffused	3.8	20	50	430	50°	2.52	2.27	2.14	1.97	
604-WP7113MBC	WP7113MBC	B	Blue	Water Clear	3.8	60	150	430	16°	2.52	2.27	2.14	1.97	
604-WP7113PBC/H	WP7113PBC/H	B	Blue	Water Clear	3.7	2200	3600	467	16°	2.73	2.18	1.87	1.40	
604-WP7113PBC	WP7113PBC	B	Blue	Water Clear	3.7	300	1000	468	16°	2.28	1.82	1.56	1.17	
604-WP7113QBC/D	WP7113QBC/D	B	Blue	Water Clear	3.5	1200	2200	468	20°	1.73	1.38	1.19	.88	
10mm Super Bright														Call for Quote
604-WP813MBC	WP813MBC	C	Blue	Water Clear	3.8	55	150	430	40°	1.89	1.69	1.59	1.49	

White LEDs

White T-1														Call for Quote
604-WP7104RWC/A	WP7104RWC/A	A	White	Water Clear	3.3	280	1200	6500K	34°	.98	.78	.68	.59	
604-WP7104RWC/J	WP7104RWC/J	A	White	Water Clear	3.2	2200	4500	6500K	34°	2.15	1.72	1.51	1.29	
White T-1 3/4														Call for Quote
604-WP7114RWC/A	WP7114RWC/A	B	White	Water Clear	3.3	480	1200	6500K	20°	.98	.78	.68	.59	
604-WP7114RWC/Z	WP7114RWC/Z	B	White	Water Clear	3.2	470	9500	6500K	20°	2.15	1.72	1.51	1.29	
10mm Superbright														Call for Quote
604-WP814RWC/A	WP814RWC/A	C	White	Water Clear	3.3	900	1800	6500K	15°	2.28	1.82	1.59	1.37	

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