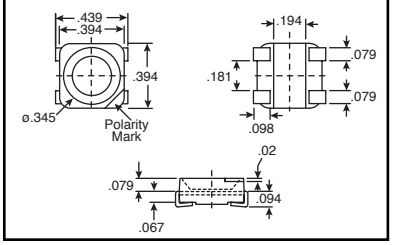
KINGBRIGHT SMD LED Lamps

XPOWER

Features:

- Low heat resistance
- High power light source taking up very little space
- Can be processed using the standard soldering techniques
- Lifetime up to 100,000 hours
- No heat sink required
- 10x10mm size
- Up to 100cd 350mA operating current

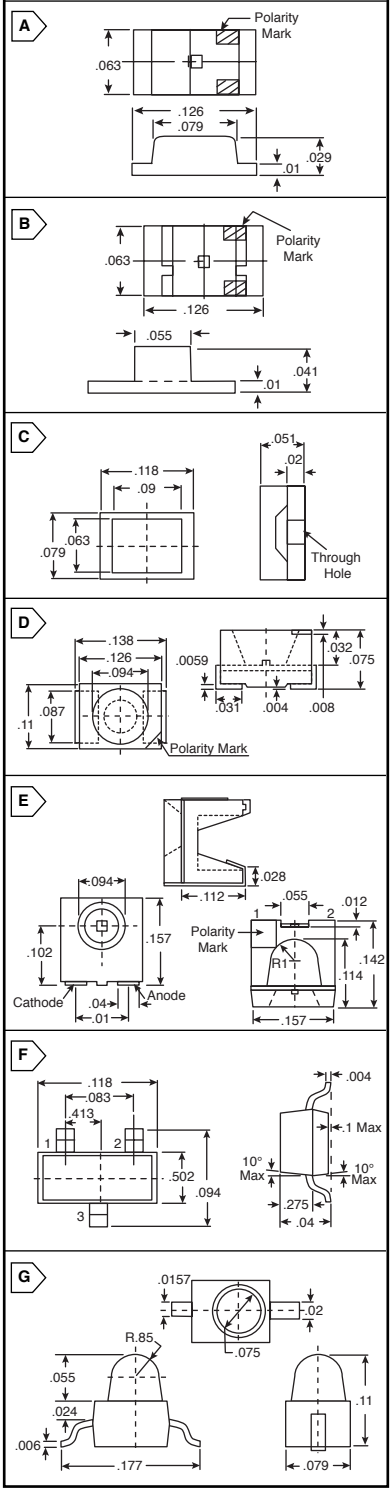
DIMENSIONS: IN.



MOUSER STOCK NO.		Color		Typ. Forward Voltage (V)	Luminous Intensity (mcd)		Peak Wave-length (nm)	Viewing Angle	Price Each				
Mfr.	Mfr. Part No.	LED	Lens		Min.	Typ.			1	100	500	1000	2000+
604—	AA1010SYC28	Yellow	Water Clear	2.4	6000	8500	590	120	3.39	2.77	2.48	2.25	Quote
604—	AA1010SEC28	Red	Water Clear	2.4	19000	25000	640	120	3.39	2.77	2.48	2.25	Quote

SURFACE MOUNT LED LAMPS (CONT.)

DIMENSIONS: IN.



MOUSER STOCK NO.		Fig.	Color		Typ. Forward Voltage (V)	Luminous Intensity (mcd)		Peak Wave-length (nm)	Viewing Angle	Price Each				
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000	2000+
1206														
604—	APT3216EC	A	Red	Water Clear	2	5	12	625	120°	.16	.13	.11	.08	Call for Quote
604—	APT3216SEC	A	Orange	Water Clear	2	40	200	601	120°	.34	.27	.23	.17	
604—	APT3216SECK	A	Orange	Water Clear	2.1	40	160	601	120°	.27	.21	.18	.14	
604—	APT3216SGC	A	Green	Water Clear	2.2	3	12	568	120°	.16	.13	.11	.08	
604—	APT3216SRCPRV	A	Red	Water Clear	1.9	20	70	640	120°	.18	.14	.12	.09	
604—	APT3216SURC	A	Red	Water Clear	1.9	70	180	628	120°	.34	.27	.23	.17	
604—	APT3216SURCK	A	Red	Water Clear	1.9	50	150	630	120°	.27	.21	.18	.14	
604—	APT3216SYC	A	Yellow	Water Clear	2	40	80	588	120°	.34	.27	.23	.17	
604—	APT3216SYCK	A	Yellow	Water Clear	2	30	50	590	120°	.27	.21	.18	.14	
604—	APT3216YC	A	Yellow	Water Clear	2.1	1.6	8	588	120°	.17	.14	.12	.09	
Reverse Mount														
604—	APTR3216EC	B	Red	Water Clear	2	5	12	625	120°	.16	.13	.11	.08	Call for Quote
604—	APTR3216NW	B	Orange	White Diff.	2.1	5	12	610	120°	.17	.14	.12	.09	
604—	APTR3216PGW	B	Green	White Diff.	2.3	2	5	555	120°	.16	.13	.11	.08	
604—	APTR3216PYW	B	Yellow	White Diff.	2.1	3	8	585	120°	.17	.14	.12	.09	
604—	APTR3216SEC	B	Orange	Water Clear	2	40	200	601	120°	.34	.27	.23	.17	
604—	APTR3216SECK	B	Orange	Water Clear	2.1	40	160	601	120°	.27	.21	.18	.14	
604—	APTR3216SGC	B	Green	Water Clear	2.2	3	12	568	120°	.16	.13	.11	.08	
604—	APTR3216SRCPRV	B	Red	Water Clear	1.9	20	70	640	120°	.18	.14	.12	.09	
604—	APTR3216SURC	B	Red	Water Clear	1.9	70	180	628	120°	.34	.27	.23	.17	
604—	APTR3216SURCK	B	Red	Water Clear	1.9	50	15	630	120°	.27	.21	.18	.14	
604—	APTR3216SYC	B	Yellow	Water Clear	2	40	80	588	120°	.34	.27	.23	.17	
604—	APTR3216SYCK	B	Yellow	Water Clear	2	30	50	590	120°	.27	.21	.18	.14	
604—	APTR3216YC	B	Yellow	Water Clear	2.1	1.6	8	588	120°	.17	.14	.12	.09	
1208														
604—	APK3020EC	C	Red	Water Clear	2	8	30	625	120°	.22	.18	.15	.11	Call for Quote
604—	APK3020NC	C	Orange	Water Clear	2.1	8	30	610	120°	.23	.18	.16	.12	
604—	APK3020SGC	C	Green	Water Clear	2.2	8	30	568	120°	.22	.18	.15	.11	
604—	APK3020SURC	C	Red	Water Clear	1.9	80	200	628	120°	.54	.43	.37	.28	
604—	APK3020SURCK	C	Red	Water Clear	1.9	70	200	630	120°	.31	.25	.21	.16	
604—	APK3020SYC	C	Yellow	Water Clear	2	30	100	588	120°	.54	.43	.37	.28	
Various Package Styles														
604—	AA3528SEC	D	Orange	Water Clear	2	200	350	601	120°	.45	.36	.31	.23	Call for Quote
604—	AA3528SGC	D	Green	Water Clear	2.2	7	20	568	120°	.29	.23	.20	.15	
604—	AA3528SGT	D	Green	Water Clear	2.2	12	30	568	120°	.29	.23	.20	.15	
604—	AA3528SRC	D	Red	Water Clear	1.9	50	150	640	120°	.31	.26	.22	.18	
604—	AA3528SURC	D	Red	Water Clear	1.9	80	250	628	120°	.45	.36	.31	.23	
604—	AA3528SURCK	D	Red	Water Clear	1.9	80	200	630	120°	.38	.30	.26	.19	
604—	AA3528SYC	D	Yellow	Water Clear	2	40	120	588	120°	.45	.36	.31	.23	
604—	AA4040PGC	E	Green	Water Clear	2.3	1.6	6	555	90°	.40	.32	.28	.21	
604—	AA4040SGC	E	Green	Water Clear	2.2	10	25	568	90°	.40	.32	.28	.21	
604—	AA4040SRC	E	Red	Water Clear	1.9	39	83	640	90°	.42	.34	.29	.22	
604—	AA4040SURC	E	Red	Water Clear	1.9	82	168	628	90°	.61	.49	.42	.31	
604—	AA4040SYC	E	Yellow	Water Clear	2	98	200	588	90°	.61	.49	.42	.31	
604—	AA4040YC	E	Yellow	Water Clear	2.1	4	9	588	90°	.40	.32	.28	.21	
604—	AM23EC-F	F	Red	Water Clear	2	4	15	625	140°	.28	.22	.19	.14	
604—	AM23ID-F	F	Red	Red Diff.	2	4	15	625	140°	.28	.22	.19	.14	
604—	AM23SGC-F	F	Green	Water Clear	2.2	5	12	568	140°	.46	.19	.16	.15	
604—	AM23SGD-F	F	Green	Green Diff.	2.2	3	8	568	140°	.46	.19	.16	.15	
604—	AM23SRC-F	F	Red	Water Clear	1.9	40	70	640	140°	.29	.23	.20	.15	
604—	AM23SRD-F	F	Red	Red Diff.	1.9	40	70	640	140°	.29	.23	.20	.15	
604—	AM23SYC-F	F	Yellow	Water Clear	2	40	80	588	140°	.40	.32	.28	.21	
604—	AM23SYD-F	F	Yellow	Yellow Diff.	2	40	80	588	140°	.40	.32	.28	.21	
604—	AM23YC-F	F	Yellow	Water Clear	2.1	2	5	588	140°	.28	.22	.19	.14	
604—	AM23YD-F	F	Yellow	Yellow Diff.	2.1	2	5	588	140°	.28	.22	.19	.14	
604—	AM2520EC03	G	Red	Water Clear	2	12	70	625	20°	.23	.19	.16	.12	
604—	AM2520ID03	G	Red	Red Diff.	2	8	30	625	40°	.23	.19	.16	.12	
604—	AM2520SEC03	G	Orange	Water Clear	2	500	1300	601	20°	.40	.32	.28	.21	
604—	AM2520SECK03	G	Orange	Water Clear	2.1	180	700	601	20°	.31	.25	.21	.16	
604—	AM2520SGC03	G	Green	Water Clear	2.2	40	100	568	20°	.23	.19	.16	.12	
604—	AM2520SRC03	G	Red	Water Clear	1.9	120	600	640	20°	.27	.21	.18	.14	
604—	AM2520SURC03	G	Red	Water Clear	1.9	300	700	628	20°	.40	.32	.28	.21	
604—	AM2520SURCK03	G	Red	Water Clear	1.9	200	700	630	20°	.31	.25	.21	.16	
604—	AM2520SYC03	G	Yellow	Water Clear	2	110	500	588	20°	.40	.32	.28	.21	
604—	AM2520SYCK03	G	Yellow	Water Clear	2	70	300	590	20°	.31	.25	.21	.16	
604—	AM2520YC03	G	Yellow	Water Clear	2.1	10	30	588	20°	.23	.19	.16	.12	

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