

KINGBRIGHT SMD LED Lamps



This product is RoHS compliant.

Kingbright

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SURFACE MOUNT LED LAMPS

• Forward current: 20mA

LED Indication

Kingbright

MOUSER STOCK NO.	Kingbright Part No.	Fig.	Color		Peak Wave-length (nm)	Luminous Intensity		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
			LED	Lens		Min.	Typ.			1	100	500	1000
0402 LEDs													
604-APHS1005SURCK	APHS1005SURCK	A	Red	Water Clear	650	50	150	1.95	120°	.25	.14	.11	.10
604-APHS1005SECK	APHS1005SECK	A	Orange	Water Clear	610	50	160	2.1	120°	.30	.16	.13	.118
604-APHS1005CGCK	APHS1005CGCK	A	Green	Water Clear	574	10	40	2.1	120°	.24	.129	.105	.09
604-APHS1005QBDC	APHS1005QBDC	A	Blue	Water Clear	468	36	100	3.3	120°	.34	.29	.21	.17
604-APHS1005RWF/A	APHS1005RWF/A	A	White	---	---	70	140	3.2	170°	.85	.46	.38	.34
0603 LEDs													
604-APG1608SURCK/T	APG1608SURCK/T	B	Red	Water Clear	631	180	320	2	120°	.18	.099	.081	.058
604-APG1608SECK/T	APG1608SECK/T	B	Orange	Water Clear	605	110	200	2.05	120°	.18	.099	.081	.054
604-APG1608SYCK/T	APG1608SYCK/T	B	Yellow	Water Clear	589	70	100	2.05	120°	.18	.099	.081	.054
604-APG1608CGCK/T	APG1608CGCK/T	B	Green	Water Clear	571	36	60	2.1	120°	.20	.107	.087	.058
604-APG1608ZGC	APG1608ZGC	B	Green	Water Clear	525	280	420	3.3	120°	.65	.357	.292	.195
604-APG1608QBC/E	APG1608QBC/E	B	Blue	Water Clear	470	50	95	3.3	120°	.72	.393	.321	.214
604-APG1608QBC/D	APG1608QBC/D	B	Blue	Water Clear	470	50	70	3.3	120°	.39	.214	.175	.117
604-APT1608SRCPV	APT1608SRCPV	C	Red	Water Clear	640	40	100	1.9	120°	.14	.079	.064	.054
604-APT1608SURCK	APT1608SURCK	C	Red	Water Clear	630	50	100	2	120°	.16	.085	.069	.06
604-APT1608SURC	APT1608SURC	C	Red	Water Clear	628	70	150	1.9	120°	.32	.17	.14	.12
604-APT1608EC	APT1608EC	C	Red	Water Clear	625	5	12	2	120°	.13	.068	.056	.049
604-APT1608SECK	APT1608SECK	C	Orange	Water Clear	601	50	160	2.1	120°	.16	.085	.069	.06
604-APT1608SEC	APT1608SEC	C	Orange	Water Clear	601	80	200	2	120°	.30	.16	.13	.12
604-APT1608SYCK	APT1608SYCK	C	Yellow	Water Clear	590	30	60	2	120°	.16	.085	.069	.06
604-APT1608YC	APT1608YC	C	Yellow	Water Clear	588	3	8	2.1	120°	.13	.068	.056	.049
604-APT1608SYC	APT1608SYC	C	Yellow	Water Clear	588	40	80	2	120°	.40	.21	.18	.16
604-APT1608PYW	APT1608PYW	C	Yellow	White Diffused	585	3	8	2.1	120°	.21	.11	.09	.08
604-APT1608SGC	APT1608SGC	C	Green	Water Clear	568	3	10	2.2	120°	.13	.068	.056	.049
604-APT1608QGW	APT1608QGW	C	Green	White Diffused	565	3	12	2.2	120°	.20	.11	.09	.075
604-APT1608PGW	APT1608PGW	C	Green	White Diffused	555	2	5	2.3	120°	.18	.10	.08	.07
0603 Bi-Color LEDs													
604-APHB1608SYKSURCK	APHB1608SYKSURCK	D	Yel/Red	Water Clear	590/630	70/110	180/230	2/1.95	130°	.41	.25	.21	.18
604-APHB1608CGKSURCK	APHB1608CGKSURCK	D	Gm/Red	Water Clear	570/630	18/110	50/230	2.1/1.95	130°	.59	.35	.29	.26
604-APHB1608SGEC	APHB1608SGEC	D	Gm/Red	Water Clear	568/625	7	15	2.2/2.0	130°	.37	.22	.18	.16
604-APHB1608ZGSURCK	APHB1608ZGSURCK	D	Gm/Red	Water Clear	525/630	180/110	350/230	3.3/1.95	130°	1.09	.65	.55	.49
604-APHB1608SGNC	APHB1608SGNC	D	Gm/Orng	Water Clear	568/606	18/7	60/18	2.2/2.05	130°	.37	.22	.18	.16
604-APHB1608SGYC	APHB1608SGYC	D	Gm/Yel	Water Clear	568/588	18/4	60/9	2.2/2.1	130°	.37	.22	.18	.16
604-APHB1608ZGSYCK	APHB1608ZGSYCK	D	Gm/Yel	Water Clear	525/590	180/70	350/180	3.3/2	130°	1.09	.65	.55	.49
604-APHB1608QBDSURCK	APHB1608QBDSURCK	D	Blue/Yel	Water Clear	470/630	36/110	90/230	3.3/1.95	130°	.82	.49	.41	.37
604-APHB1608QBDSYCK	APHB1608QBDSYCK	D	Blue/Yel	Water Clear	470/590	36/70	90/180	3.3/2	130°	.82	.49	.41	.37
604-APHB1608QBDCGCK	APHB1608QBDCGCK	D	Blue/Gm	Water Clear	470/570	36/18	90/50	3.3/2.1	130°	.82	.49	.41	.37
0603 Dome LEDs													
604-APTD1608SURCK	APTD1608SURCK	E	Red	Water Clear	630	480	700	1.95	60°	.20	.13	.10	.08
604-APTD1608SEC/J3	APTD1608SEC/J3	E	Red	Water Clear	625	2200	3000	2.2	60°	.63	.41	.30	.25
604-APTD1608SECK	APTD1608SECK	E	Orange	Water Clear	601	480	800	2.1	60°	.20	.13	.10	.08
604-APTD1608SYCK	APTD1608SYCK	E	Yellow	Water Clear	590	280	480	2	60°	.20	.13	.10	.08
604-APTD1608SYC/J3	APTD1608SYC/J3	E	Yellow	Water Clear	589	480	800	2	60°	.63	.41	.30	.25
604-APTD1608CGCK	APTD1608CGCK	E	Green	Water Clear	570	70	180	2.1	60°	.22	.14	.10	.09
604-APTD1608ZGC	APTD1608ZGC	E	Green	Water Clear	525	480	780	3.3	60°	.46	.29	.21	.18
604-APTD1608QBC/D	APTD1608QBC/D	E	Blue	Water Clear	470	70	250	3.3	40°	.32	.21	.15	.13
604-APTD1608QWF/D	APTD1608QWF/D	E	White	Yellow Fluorescent	---	110	250	3.3	170°	.41	.26	.19	.16
0805 LEDs													
604-APHCM2012SURCK	APHCM2012SURCK-F01	F	Red	Water Clear	650	50	150	1.95	110°	.18	.096	.078	.07
604-APT2012SRCPV	APT2012SRCPV	F	Red	Water Clear	640	20	80	1.9	120°	.16	.084	.068	.057
604-APT2012SURCK	APT2012SURCK	F	Red	Water Clear	630	50	100	1.9	120°	.17	.09	.074	.063
604-APT2012SURC	APT2012SURC	F	Red	Water Clear	628	70	150	1.9	120°	.32	.17	.14	.12
604-APT2012SEW/E	APT2012SEW/E	F	Red	White Diffused	621	40	200	2	120°	.59	.32	.26	.23
604-APT2012NW	APT2012NW	F	Orange	White Diffused	610	5	12	2.1	120°	.21	.11	.09	.08
604-APHCM2012SECK	APHCM2012SECK-F01	F	Orange	Water Clear	610	50	160	2.1	110°	.18	.096	.078	.07
604-APT2012SECK	APT2012SECK	F	Orange	Water Clear	601	40	160	2.1	120°	.17	.09	.074	.063
604-APT2012SEC	APT2012SEC	F	Orange	Water Clear	601	40	200	2	120°	.32	.17	.14	.12
604-APT2012SYCK	APT2012SYCK	F	Yellow	Water Clear	590	30	50	2	120°	.17	.09	.074	.063
604-APHCM2012SYCK	APHCM2012SYCK-F01	F	Yellow	Water Clear	590	36	120	2	110°	.18	.096	.078	.07
604-APT2012YC	APT2012YC	F	Yellow	Water Clear	588	2	8	2.1	120°	.13	.071	.058	.049
604-APT2012PYW	APT2012PYW	F	Yellow	White Diffused	585	3	8	2.1	120°	.21	.11	.09	.08
604-APHCM2012CGCK	APHCM2012CGCK-F01	F	Green	Water Clear	574	10	50	2.1	110°	.20	.107	.087	.078
604-APT2012SGC	APT2012SGC	F	Green	Water Clear	568	3	12	2.2	120°	.12	.068	.055	.048
604-APT2012QGW	APT2012QGW	F	Green	White Diffused	565	3	12	2.2	120°	.19	.10	.08	.07
604-APT2012PGW	APT2012PGW	F	Green	White Diffused	555	2	5	2.3	120°	.20	.11	.09	.075
1104 LEDs													
604-APA3010SRCPV	APA3010SRCPV	G	Red	Water Clear	640	20	60	1.9	120°	.23	.126	.10	.09
604-APA3010SURCK	APA3010SURCK	G	Red	Water Clear	630	50	100	1.9	120°	.24	.13	.11	.09
604-APA3010EC	APA3010EC	G	Red	Water Clear	625	5	12	2	120°	.23	.126	.10	.09
604-APA3010SECK	APA3010SECK	G	Orange	Water Clear	601	80	200	2.1	120°	.24	.13	.11	.09
604-APA3010SEC	APA3010SEC	G	Orange	Water Clear	601	50	300	2	120°	.38	.21	.17	.15
604-APA3010SYCK	APA3010SYCK	G	Yellow	Water Clear	590	18	50	2	120°	.24	.13	.11	.09
604-APA3010YC	APA3010YC	G	Yellow	Water Clear	588	3	5	2.1	120°	.23	.126	.10	.09
604-APA3010SYC	APA3010SYC	G	Yellow	Water Clear	588	40	60	2	120°	.38	.21	.17	.15
604-APA3010QGC	APA3010QGC	G	Green	Water Clear	565	3	12	2.2	120°	.31	.17	.14	.12
604-APA3010PGC	APA3010PGC	G	Green	Water Clear	555	2	5	2.3	120°	.31	.17	.14	.12
1206 LEDs													
604-APT3216SRCPV	APT3216SRCPV	H	Red	Water Clear	640	20	70	1.9	120°	.17	.09	.074	.063
604-APT3216SURCK	APT3216SURCK	H	Red	Water Clear	630	50	150	1.9	120°	.17	.085	.07	.06
604-APT3216SURC	APT3216SURC	H	Red	Water Clear	628	70	180	1.9	120°	.35	.19	.15	.14
604-APT3216EC	APT3216EC	H	Red	Water Clear	625	5	12	2	120°	.17	.09	.074	.063
604-APT3216SECK	APT3216SECK	H	Orange	Water Clear	601	40	160	2.1	120°	.18	.096	.078	.07
604-APT3216SEC	APT3216SEC	H	Orange	Water Clear	601	40	200	2	120°	.35	.19	.15	.14
604-APT3216SYCK	APT3216SYCK	H	Yellow	Water Clear	590	30	50	2	120°	.18	.096	.078	.07
604-APT3216YC	APT3216YC	H	Yellow	Water Clear	588	1.6	8	2.1	120°	.17	.09	.074	.063
604-APT3216SYC	APT3216SYC	H	Yellow	Water Clear	588	40	80	2	120°	.40	.21	.18	.16
604-APT3216SGC	APT3216SGC	H	Green	Water Clear	568	3	12	2.2	120°	.17	.09	.074	.063

