

KINGBRIGHT SMD LED Lamps

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SURFACE MOUNT LED LAMPS (CONT.)

Special Bi-Color White LEDs

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AAA3528QWDSURKS	A	White/Hyper Red	Water Clear	630	380/200	600/320	3.3	120°	.90	.535	.444	.398
604	AAA3528QWDSYKS	A	White/Super Bright Yellow	Water Clear	590	380/120	600/200	3.3	120°	.90	.535	.444	.398
604	AAA3528QWDCYKS	A	White/Green	Water Clear	570	380/40	600/80	3.3	120°	.92	.544	.451	.404
604	APB3025SURKQWDF	B	Hyper Red/White	Yellow Fluorescent	630	70/180	220/380	1.95	120°	.87	.515	.426	.382
604	APB3025SYKQWDF	B	Super Bright Yellow/White	Yellow Fluorescent	590	70/180	120/300	3.3	120°	.87	.515	.426	.382
604	APB3025CGKQWDF	B	Green/White	Yellow Fluorescent	570	18/180	50/380	2.1	120°	.85	.506	.419	.376
604	APT816125YKQWDF	C	Hyper Red/White	Yellow Fluorescent	630	120/120	200/220	1.95	120°	.87	.515	.426	.382
604	APT816125YKQWDF	C	Super Bright Yellow/White	Yellow Fluorescent	590	80/120	120/220	2.0	120°	.87	.515	.426	.382
604	APT816125YKQWDF	C	Green/White	Yellow Fluorescent	570	20/120	55/220	2.1	120°	.85	.506	.419	.376

3.2 x 2.4 mm SMD CHIP LED LAMP

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	APD3224SECJ4	D	Super Bright Orange	Water Clear	605	9000	14000	2.2	20°	.51	.40	.36	.33

3.5 x 2.8mm SMD CHIP LED LAMP

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	APETD3528CGCK	E	Green	Water Clear	574	80	200	2.1	60°	.29	.21	.16	.13
604	APETD3528QBC/D	E	Blue	Water Clear	468	300	400	3.3	60°	.32	.23	.18	.15
604	APETD3528SEC	E	Super Bright Orange	Water Clear	610	500	900	2	60°	.32	.23	.18	.15
604	APETD3528SECJ3PR	E	Hyper Red	Water Clear	640	3500	4200	2	60°	.69	.49	.38	.31
604	APETD3528SYKJ3PR	E	Super Bright Yellow	Water Clear	590	700	1500	2	60°	.69	.49	.38	.31
604	APETD3528ZGC	E	Green	Water Clear	515	1000	1800	3.3	60°	.50	.36	.28	.23

1206 Reverse Mount

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	APTR3216SRCPRV	F	Red	Water Clear	640	20	70	1.9	120°	.18	.096	.078	.07
604	APTR3216SURCK	F	Red	Water Clear	630	50	15	1.9	120°	.18	.096	.078	.07
604	APTR3216SECK	F	Orange	Water Clear	601	40	160	2.1	120°	.18	.10	.08	.07
604	APTR3216SECK	F	Orange	Water Clear	601	40	200	2	120°	.35	.19	.15	.14
604	APTR3216SYCK	F	Yellow	Water Clear	590	30	50	2	120°	.18	.096	.078	.07
604	APTR3216YC	F	Yellow	Water Clear	588	1.6	8	2.1	120°	.17	.09	.074	.063
604	APTR3216SYC	F	Yellow	Water Clear	588	40	80	2	120°	.50	.27	.22	.20
604	APTR3216SGC	F	Green	Water Clear	568	3	12	2.2	120°	.16	.085	.069	.06

1206 Dome

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	APTD3216SRCPRV	G	Red	Water Clear	640	110	300	1.85	50°	.23	.126	.10	.09
604	APTD-3216SURCK	G	Red	Water Clear	635	180	500	1.95	50°	.28	.15	.12	.11
604	APTD3216EC	G	Red	Water Clear	625	10	50	2	40°	.23	.126	.10	.09
604	APTD-3216SECK	G	Orange	Water Clear	601	280	700	2.1	50°	.28	.15	.12	.11
604	APTD3216SYCK	G	Yellow	Water Clear	590	280	700	2.1	50°	.22	.151	.123	.068
604	APTD3216SGC	G	Green	Water Clear	568	10	50	2.2	40°	.23	.126	.10	.09
604	APTD3216MGC	G	Green	Water Clear	568	110	350	2.1	50°	.63	.429	.351	.312
604	APTD3216CGCK	G	Green	Water Clear	570	70	200	2.1	50°	.24	.162	.132	.118

MINI PLCC-2

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AA2214SURSK	H	Hyper Red	Water Clear	650	180	350	1.95	120°	.14	.114	.098	.095
604	AA2214SESK	H	Super Bright Orange	Water Clear	610	280	400	2.1	120°	.14	.114	.098	.095
604	AA2214SYSK	H	Super Bright Yellow	Water Clear	590	120	250	2	120°	.14	.114	.098	.095
604	AA2214CGSK	H	Green	Water Clear	574	50	80	2.1	120°	.14	.12	.103	.10
604	AA2214QBS/D	H	Blue	Water Clear	468	80	150	3.3	120°	.16	.136	.117	.113
604	AA2214VR4D1S-W2	H	Warm White	Water Clear	---	650	1100	3.3	120°	.45	.378	.326	.315
604	AA2214VR4D1S-N1	H	Natural White	Water Clear	---	650	1200	3.3	120°	.45	.378	.326	.315
604	AA2214VR4D1S-C1	H	Cool White	Water Clear	---	900	1300	3.3	120°	.45	.378	.326	.315
604	AA2214SESJ4	H	Super Bright Orange	Water Clear	605	1800	2700	2.2	120°	.45	.35	.31	.45

PLCC-2

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AA3528SURSK	I	Red	Water Clear	650	150	350	1.95	120°	.30	.177	.14	.118
604	AA3528SESK	I	Orange	Water Clear	610	200	350	2.1	120°	.30	.177	.14	.118
604	AA3528SYSK	I	Yellow	Water Clear	590	80	200	2	120°	.30	.177	.14	.118
604	AA3528CGSK	I	Green	Water Clear	574	40	100	2.1	120°	.31	.183	.144	.121
604	AA3528SGS	I	Green	Water Clear	565	12	25	2.2	120°	.26	.153	.12	.102
604	AA3021SESJ4	J	Super Bright Orange	Water Clear	605	2200	2800	2.2	125°	.45	.35	.31	.45
604	AA3528SESJ4	I	Super Bright Orange	Water Clear	605	2300	2800	2.2	120°	.51	.40	.36	.33

Right Angle

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AA4040SRS	K	Red	Water Clear	660	80	200	1.85	120°	.39	.234	.184	.156
604	AA4040SURSK	K	Red	Water Clear	650	200	450	1.95	120°	.46	.273	.215	.182
604	AA4040YS	K	Yellow	Water Clear	590	10	15	2.1	120°	.39	.234	.184	.156
604	AA4040YSK	K	Yellow	Water Clear	590	100	250	2	120°	.46	.273	.215	.182
604	AA4040SGS	K	Green	Water Clear	565	15	20	2.2	120°	.39	.234	.184	.156
604	AA4040PGS	K	Green	Water Clear	555	5	10	2.25	120°	.49	.294	.232	.196

SOT-23

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AM23SRC-F	L	Red	Water Clear	640	40	70	1.9	140°	.29	.23	.20	.15
604	AM23SRD-F	L	Red	Red Diffused	640	40	70	1.9	140°	.29	.23	.20	.15
604	AM23EC-F	L	Red	Water Clear	625	4	15	2	140°	.28	.22	.19	.14
604	AM23ID-F	L	Red	Red Diffused	625	4	15	2	140°	.28	.22	.19	.14
604	AM23YC-F	L	Yellow	Water Clear	588	2	5	2.1	140°	.28	.22	.19	.14
604	AM23YD-F	L	Yellow	Yellow Diffused	588	2	5	2.1	140°	.28	.22	.19	.14
604	AM23SYC-F	L	Yellow	Water Clear	588	40	80	2	140°	.40	.32	.28	.21
604	AM23SGC-F	L	Green	Water Clear	568	5	12	2.2	140°	.46	.19	.16	.15
604	AM23SGD-F	L	Green	Green Diffused	568	3	8	2.2	140°	.40	.20	.155	.131

Gull Wing Leads

MOUSER STOCK NO.		Fig.	Color		Peak Wave-length (nm)	Luminous Intensity (mcd)		Typ. Forward Voltage (V)	Viewing Angle	Price Each			
Mfr.	Mfr. Part No.		LED	Lens		Min.	Typ.			1	100	500	1000
604	AM2520SRC03	M	Red	Water Clear	640	120	600	1.9	20°	.27	.21	.18	.14
604	AM2520SURCK03	M	Red	Water Clear	630	200	700	1.9	20°	.22	.178	.146	.097
604	AM2520SURC03	M	Red	Water Clear	628	300	700	1.9	20°	.40	.32	.28	.21
604	AM2520ID03	M	Red	Red Diffused	625	8	30	2	40°	.23	.19	.16	.12
604	AM2520EC03	M	Red	Water Clear	625	12	70	2	20°	.23	.143	.117	.078
604	AM2520SECK03	M	Orange	Water Clear	601	180	700	2.1	20°	.22	.178	.146	.097
604	AM2520SEC03	M	Orange	Water Clear	601	500	1300	2	20°	.40	.32	.28	.21
604	AM2520SYCK03	M											