


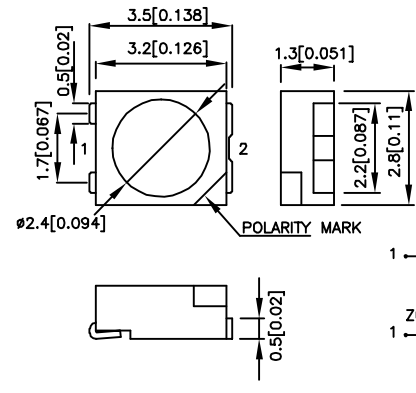
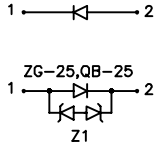

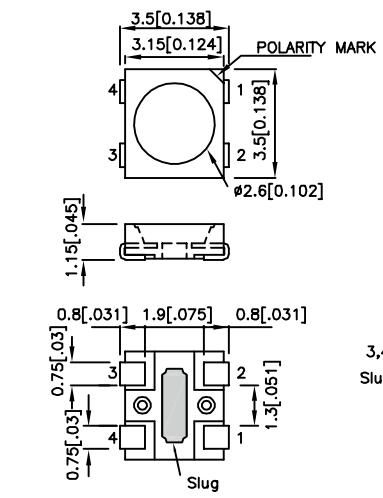
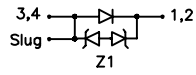

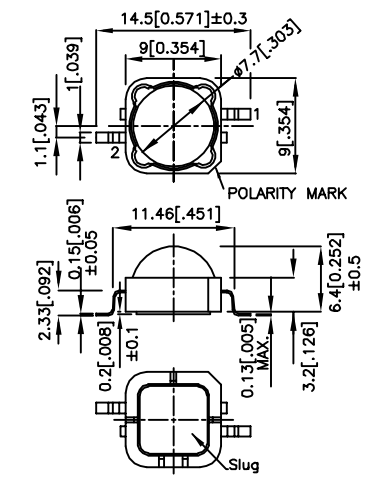
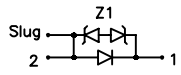
Kingbright

Optoelectronic Components



High Brightness PLCC LEDs	2
High Brightness Ceramic LEDs	5
High Brightness LEDs	8


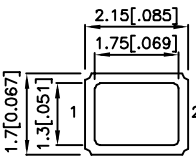
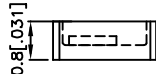
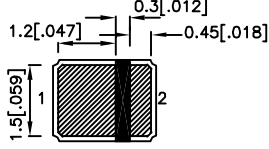
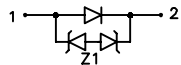

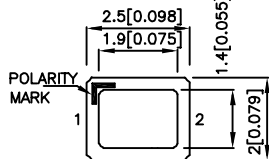
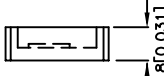
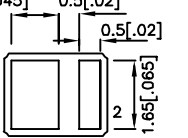
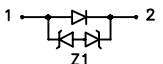

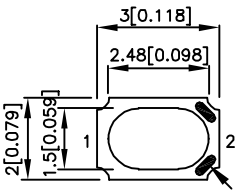
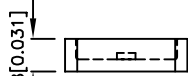
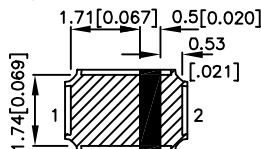
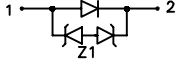
0.5W / 1W / 2W / 3W

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)	Φ_v (lm)	VIEWING ANGLE 2 θ 1/2	DIMENSION
					TYP.	TYP.		
KA-3529SES-L1	AlGaInP	618	water clear	150	0.5	5.5	120°	3.5mm x 2.8mm  KA-3529  POLARITY MARK  Z1 Units : mm(inch) Tolerance : ±0.25(0.01)
KA-3529SYS-L1	AlGaInP	590	water clear	150	0.5	8	120°	
KA-3529ZG25Z1S	InGaN	525	water clear	150	0.5	24	120°	
KA-3529QB25Z1S	InGaN	450	water clear	150	0.5	51	120°	
KA-3535ZG25Z1S	InGaN	525	water clear	150	0.5	22	120°	3.5mm x 3.5mm  KA-3535  POLARITY MARK Slug  Z1 Units : mm(inch) Tolerance : ±0.25(0.01)
KA-3535QB25Z1S	InGaN	450	water clear	150	0.5	4.5	120°	
KAD1-9090SE28Z1S	AlGaInP	625	water clear	350	1	35	100°	9mm x 9mm  KAD1-9090  POLARITY MARK Slug  Z1 Units : mm(inch) Tolerance : ±0.25(0.01)
KAD1-9090SY28Z1S	AlGaInP	588	water clear	350	1	32	100°	
KAD1-9090QB10Z1S	AlGaInN	458	water clear	350	1	20	100°	
KAD1-9090SE9Z1S/2	AlGaInP	623	water clear	500	2	50	100°	
KAD1-9090SY9Z1S/2	AlGaInP	591	water clear	500	2	58	100°	
KAD1-9090QB11Z1S/3	AlGaInN	460	water clear	700	3	30	100°	

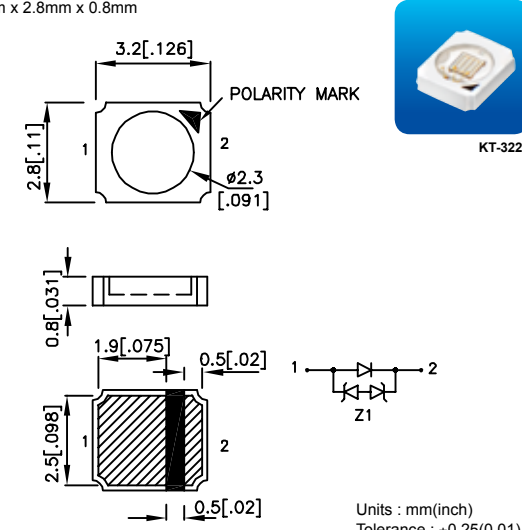
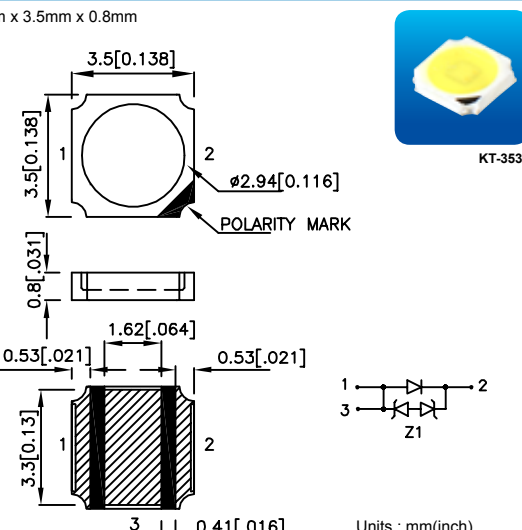
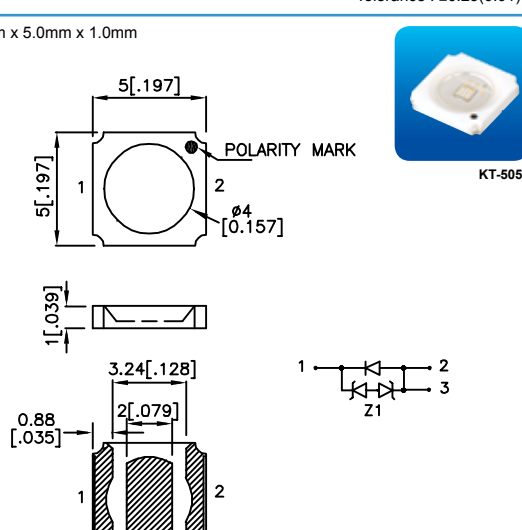
1W /2W /3W

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)		VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KA-8080SE28Z1S	AlGaInP	625	water clear	350	1	25	120°	<p>14.5mm x 8mm x 2.5mm</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-8080SY28Z1S	AlGaInP	588	water clear	350	1	25	120°	
KA-8080ZG10Z1S	AlGaInN	530	water clear	350	1	60	120°	
KA-8080QB10Z1S	AlGaInN	458	water clear	350	1	14	120°	
KA-8080SE9Z1S/2	AlGaInP	623	water clear	500	2	45	120°	
KA-8080SY9Z1S/2	AlGaInP	591	water clear	500	2	50	120°	
KA-8080QB11Z1S/3	AlGaInN	460	water clear	700	3	28	120°	
KADG1-8080SE28Z1S	AlGaInP	625	water clear	350	1	28	100°	<p>14.5mm x 8mm x 4.7mm</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KADG1-8080SY28Z1S	AlGaInP	588	water clear	350	1	28	100°	
KADG1-8080ZG10Z1S	AlGaInN	530	water clear	350	1	65	100°	
KADG1-8080QB10Z1S	AlGaInN	458	water clear	350	1	17	100°	
KADG1-8080SE9Z1S/2	AlGaInP	623	water clear	500	2	50	100°	
KADG1-8080SY9Z1S/2	AlGaInP	591	water clear	500	2	55	100°	
KADG1-8080QB11Z1S/3	AlGaInN	460	water clear	700	3	30	100°	

0.5W /1W

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)		VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KT-2117SEL1Z1S-VFS	AlGaInP	618	water clear	140	0.5	9	120°	<p>2.15mm x 1.7mm x 0.8mm</p>  <p>KT-2117</p>     <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KT-2117SYL1Z1S-VFS	AlGaInP	590	water clear	140	0.5	7	120°	
KT-2117ZG25Z1S-VFS	InGaN	525	water clear	150	0.5	22	120°	
KT-2117QB25Z1S-VFS	InGaN	450	water clear	150	0.5	4.3	120°	
KT-2117SE9Z1S-VFS	AlGaInP	623	water clear	350	1	16	120°	
KT-2117SY9Z1S-VFS	AlGaInP	591	water clear	350	1	16	120°	
KT-2117ZG10Z1S-VFS	AlGaInN	530	water clear	350	1	42	120°	
KT-2117QB10Z1S-VFS	AlGaInN	458	water clear	350	1	12	120°	
KT-2520SEL1Z1S	AlGaInP	618	water clear	150	0.5	8.5	130°	<p>2.5mm x 2.0mm x 0.8mm</p>  <p>KT-2520</p>     <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KT-2520SYL1Z1S	AlGaInP	590	water clear	150	0.5	7	130°	
KT-2520ZG25Z1S	InGaN	525	water clear	150	0.5	21	120°	
KT-2520QB25Z1S	InGaN	450	water clear	150	0.5	4.3	120°	
KT-2520SE9Z1S	AlGaInP	623	water clear	350	1	18	130°	
KT-2520SY9Z1S	AlGaInP	591	water clear	350	1	16	130°	
KT-2520ZG10Z1S	AlGaInN	530	water clear	350	1	45	120°	
KT-2520QB10Z1S	AlGaInN	458	water clear	350	1	13	120°	
KT-3020SEL1Z1S	AlGaInP	618	water clear	150	0.5	9	120°	<p>3.0mm x 2.0mm x 0.8mm</p>  <p>KT-3020</p>     <p>Units : mm(inch) Tolerance : 0.25(0.01)</p>
KT-3020SYL1Z1S	AlGaInP	590	water clear	150	0.5	9	120°	
KT-3020ZG25Z1S	InGaN	525	water clear	150	0.5	21	120°	
KT-3020QB25Z1S	InGaN	450	water clear	150	0.5	5	120°	

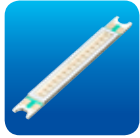
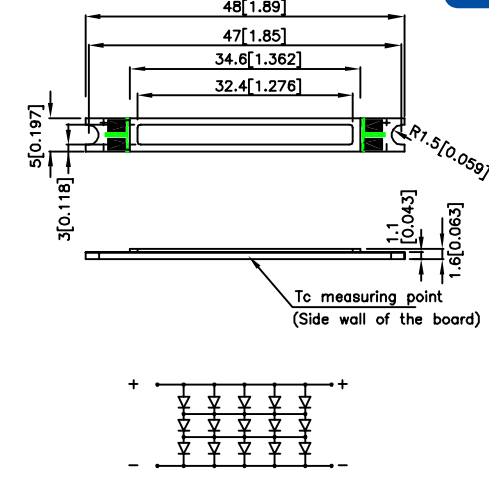
0.5W /1W

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	P_d (W)		VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KT-3228SEL1Z1S	AlGaInP	618	water clear	150	0.5	9	120°	3.2mm x 2.8mm x 0.8mm  <p>3.2[.126] 2.8[.11] POLARITY MARK $\phi 2.3$ [.091] 0.8[.031] 1.9[.075] 0.5[.02] 2.5[.098] 0.5[.02] Units : mm(inch) Tolerance : $\pm 0.25(0.01)$</p>
KT-3228SYL1Z1S	AlGaInP	590	water clear	150	0.5	10	120°	
KT-3228ZG25Z1S	InGaN	525	water clear	150	0.5	23	120°	
KT-3228QB25Z1S	InGaN	450	water clear	150	0.5	4.3	120°	
KT-3228SE9Z1S	AlGaInP	623	water clear	350	1	18	120°	
KT-3228SY9Z1S	AlGaInP	591	water clear	350	1	14	120°	
KT-3228ZG10Z1S	AlGaInN	530	water clear	350	1	50	120°	
KT-3228QB10Z1S	AlGaInN	458	water clear	350	1	13	120°	
KT-3535SEL1Z1S	AlGaInP	618	water clear	150	0.5	9	120°	3.5mm x 3.5mm x 0.8mm  <p>3.5[0.138] 3.5[0.138] POLARITY MARK $\phi 2.94$ [0.116] 0.8[.031] 1.62[.064] 0.53[.021] 0.53[.021] 3.3[0.13] 0.41[.016] Units : mm(inch) Tolerance : $\pm 0.25(0.01)$</p>
KT-3535SYL1Z1S	AlGaInP	590	water clear	150	0.5	9	120°	
KT-3535ZG25Z1S	InGaN	525	water clear	150	0.5	22	120°	
KT-3535QB25Z1S	InGaN	450	water clear	150	0.5	4.3	120°	
KT-3535SE9Z1S	AlGaInP	623	water clear	350	1	16	120°	
KT-3535SY9Z1S	AlGaInP	591	water clear	350	1	17	120°	
KT-3535ZG10Z1S	AlGaInN	530	water clear	350	1	55	120°	
KT-3535QB10Z1S	AlGaInN	458	water clear	350	1	13	120°	
KT-5050SEL1Z1S	AlGaInP	618	water clear	150	0.5	9.5	120°	5.0mm x 5.0mm x 1.0mm  <p>5[.197] 5[.197] POLARITY MARK $\phi 4$ [.157] 1[.039] 3.24[.128] 2[.079] 0.88 [.035] Units : mm(inch) Tolerance : $\pm 0.25(0.01)$</p>
KT-5050SYL1Z1S	AlGaInP	590	water clear	150	0.5	8.5	120°	
KT-5050ZG25Z1S	InGaN	525	water clear	150	0.5	25	120°	
KT-5050QB25Z1S	InGaN	450	water clear	150	0.5	5.2	120°	
KT-5050SE9Z1S	AlGaInP	623	water clear	350	1	24	120°	
KT-5050SY9Z1S	AlGaInP	591	water clear	350	1	25	120°	
KT-5050ZG10Z1S	AlGaInN	530	water clear	350	1	55	120°	
KT-5050QB10Z1S	AlGaInN	458	water clear	350	1	15	120°	

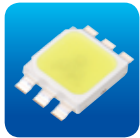
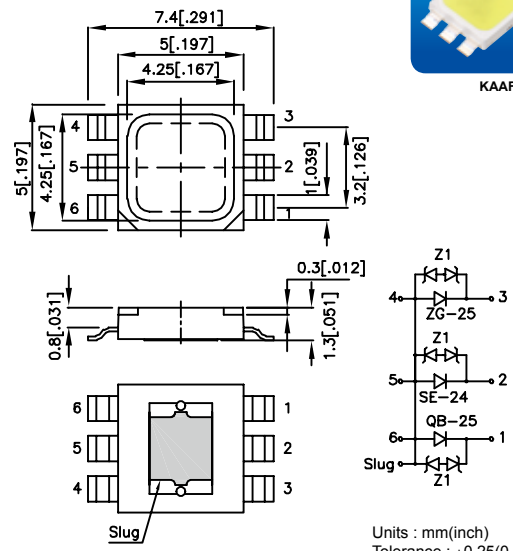
0.5W /1W /2W

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)	Φ_v (lm)	VIEWING ANGLE	DIMENSION
					TYP.	TYP.	2 θ 1/2	
KT-5051SEL1Z1S	AlGaInP	618	water clear	150	0.5	9.5	120°	<p>5.0mm x 5.0mm x 1.0mm</p> <p>CATHODE MARK</p> <p>Slug</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KT-5051SYL1Z1S	AlGaInP	590	water clear	150	0.5	8.5	120°	
KT-5051ZG25Z1S	InGaN	525	water clear	150	0.5	25	120°	
KT-5051QB25Z1S	InGaN	450	water clear	150	0.5	5.2	120°	
KT-5051SE9Z1S	AlGaInP	623	water clear	350	1	24	120°	
KT-5051SY9Z1S	AlGaInP	591	water clear	350	1	25	120°	
KT-5051ZG10Z1S	AlGaInN	530	water clear	350	1	55	120°	
KT-5051QB10Z1S	AlGaInN	458	water clear	350	1	15	120°	
KTDG-8080SE9Z1S/2	AlGaInP	623	water clear	500	2	50	90°	<p>8.0mm x 8.0mm x 4.2mm</p> <p>POLARITY MARK</p> <p>Slug</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KTDG-8080SY9Z1S/2	AlGaInP	591	water clear	500	2	53	90°	
KTDG-8080ZG10Z1S/2	AlGaInN	530	water clear	500	2	70	90°	
KTDG-8080QB10Z1S/2	AlGaInN	458	water clear	500	2	21	90°	
KTDG-9072SE9Z1S/2	AlGaInP	623	water clear	500	2	50	90°	<p>9.0mm x 7.0mm x 4.2mm</p> <p>POLARITY MARK</p> <p>Slug</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KTDG-9072SY9Z1S/2	AlGaInP	591	water clear	500	2	53	90°	
KTDG-9072ZG10Z1S/2	AlGaInN	530	water clear	500	2	70	90°	
KTDG-9072QB10Z1S/2	AlGaInN	458	water clear	500	2	21	90°	

HIGH BRIGHTNESS LED LIGHT BAR

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)	Φ_v (lm)	VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KASL-4805ZGSX15/3	InGaN	525	water clear	350	4.55	35	120°	48mm x 5mm x 1.6mm  KASL-4805  Units : mm(inch) Tolerance : ±0.25(0.01)
KASL-4805QBFSX15/3	InGaN	465	water clear	350	4.2	25	120°	
KASL-4805SEL1SX15/5	AlGaInP	618	water clear	500	4.6	100	120°	
KASL-4805SYL1SX15/5	AlGaInP	590	water clear	500	4.95	100	120°	
KASL-4805ZG25SX15/7	InGaN	525	water clear	700	8.12	260	120°	
KASL-4805QB25SX15/7	InGaN	450	water clear	700	8.12	53	120°	

FULL-COLOR SURFACE MOUNT LED LAMP

PART NUMBER	MATERIAL	λ_D (nm)	LENS TYPE	IF (mA)	Pd (W)	Φ_v (mlm)	VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KAAF5051 QB25SE24ZG25Z1X3S	InGaN	450	water clear	150	0.6	4500	120°	5.0mm x 5.0mm x 1.3mm  KAAF5051  Units : mm(inch) Tolerance : ±0.25(0.01)
	AlGaInP	624		150	0.45	11000		
	InGaN	525		150	0.6	20000		