


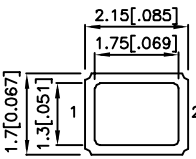
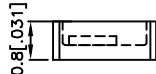
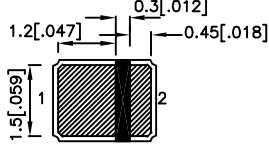
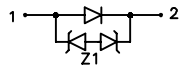

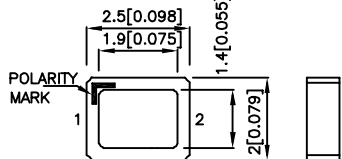
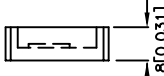
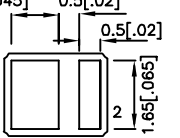
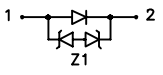

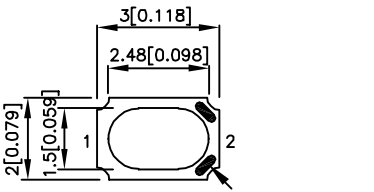
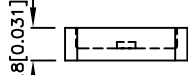
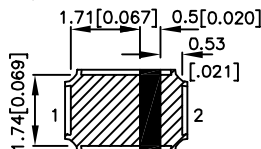
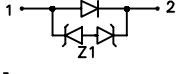




### 1W /2W /3W

PART NUMBER	MATERIAL	$\lambda_D$ (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	$\lambda_D$ (nm)	LENS TYPE	IF (mA)	Pd (W)		VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KT-2117SEL1Z1S-VFS	AlGaInP	618	water clear	140	0.5	9	120°	2.15mm x 1.7mm x 0.8mm  KT-2117     Units : mm(inch) Tolerance : ±0.25(0.01)
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°	2.5mm x 2.0mm x 0.8mm  KT-2520     Units : mm(inch) Tolerance : ±0.25(0.01)
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°	3.0mm x 2.0mm x 0.8mm  KT-3020     Units : mm(inch) Tolerance : 0.25(0.01)
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°	

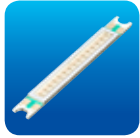
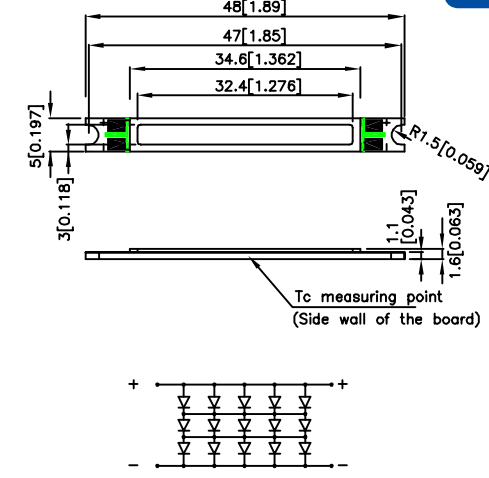
## 0.5W /1W

PART NUMBER	MATERIAL	$\lambda_D$ (nm)	LENS TYPE	IF (mA)	$P_d$ (W)		VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
KT-3228SEL1Z1S	AlGaInP	618	water clear	150	0.5	9	120°	<p>3.2mm x 2.8mm x 0.8mm</p> <p>Units : mm(inch) Tolerance : ±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°	<p>3.5mm x 3.5mm x 0.8mm</p> <p>Units : mm(inch) Tolerance : ±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°	<p>5.0mm x 5.0mm x 1.0mm</p> <p>Units : mm(inch) Tolerance : ±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°	

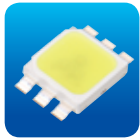
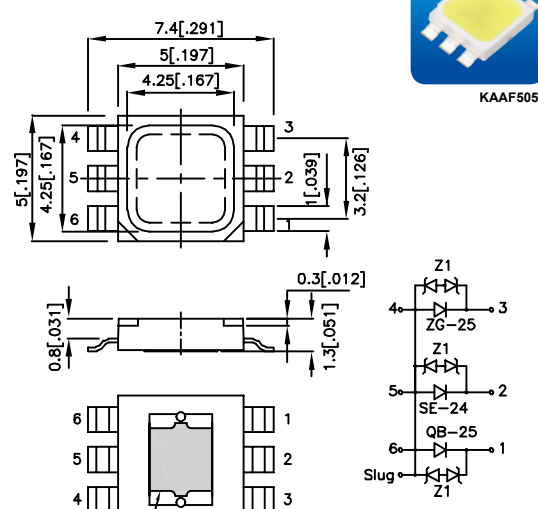
## 0.5W /1W /2W

PART NUMBER	MATERIAL	$\lambda_D$ (nm)	LENS TYPE	IF (mA)	Pd (W)	$\Phi_v$ (lm)	VIEWING ANGLE	DIMENSION
					TYP.	TYP.		
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	$\lambda_D$ (nm)	LENS TYPE	IF (mA)	Pd (W)	$\Phi_v$ (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	$\lambda_D$ (nm)	LENS TYPE	IF (mA)	Pd (W)	$\Phi_v$ (mIm)	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		