



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		

KP KF-3030SEEVGAPBGC	InGaAlP	621		180	400		<p>3.0mm x 3.0mm x 1.8mm (Full Color)</p> <p>Units : mm(inch) Tolerance : ±0.2(0.008)</p>
	InGaN	525	water clear	110	250	100°	
	InGaN	470		70	160		
KP KF-3030SURVGAPBGC	InGaAlP	628		110	220		
	InGaN	525	water clear	110	250	100°	
	InGaN	470		70	160		

KA-3020ASURC	InGaAlP	628	water clear	110	230	90°	<p>3.0mm x 2.0mm (1208)</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-3020ASURCK	InGaAlP	635	water clear	70	200	90°	
KA-3020ASEC	InGaAlP	601	water clear	110	300	90°	
KA-3020ASECK	InGaAlP	601	water clear	70	150	90°	
KA-3020ASYC	InGaAlP	588	water clear	50	120	90°	
KA-3020ASYCK	InGaAlP	590	water clear	36	100	90°	
KA-3020AMGC	InGaAlP	568	water clear	36	80	90°	
KA-3020ACGCK	InGaAlP	570	water clear	18	60	90°	
KA-3020AZGC	AlInGaN	525	water clear	110	250	90°	
KA-3020AVGC-A	InGaN	525	water clear	70	150	90°	
KA-3020AVGC-Z	InGaN	535	water clear	650	1000	90°	
KA-3020APBC-A	InGaN	470	water clear	18	60	90°	
KA-3020APBS-Z	InGaN	465	water clear	110	280	120°	

KA-3022EC-4.5SF	GaAsP/GaP	625	water clear	7	30	90°	<p>3.0mm x 2.2mm</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-3022SRC-4.5SF	GaAlAs	640	water clear	36	150	90°	
KA-3022YC-4.5SF	GaAsP/GaP	588	water clear	4	10	90°	
KA-3022SGC-4.5SF	GaP	568	water clear	7	20	90°	
KA-3022ZGC-4.5SF	AlInGaN	525	water clear	380	500	90°	
KA-3022VGC-A-4.5SF	InGaN	525	water clear	70	150	90°	
KA-3022VGC-Z-4.5SF	InGaN	535	water clear	650	1200	90°	
KA-3022PBC-A-4.5SF	InGaN	470	water clear	36	70	90°	
KA-3022PBS-Z-4.5SF	InGaN	465	water clear	110	250	120°	

NOTE:
1.KP series custom-made is available upon request.