



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
KPHK-1608SURC	InGaAlP	628	water clear	110	250	90°	1.6mm x 0.8mm x 0.7mm (0603)
KPHK-1608SURCK	InGaAlP	635	water clear	70	200	90°	
KPHK-1608SEC	InGaAlP	601	water clear	110	280	90°	
KPHK-1608SECK	InGaAlP	601	water clear	70	250	90°	
KPHK-1608SYC	InGaAlP	588	water clear	50	150	90°	
KPHK-1608SYCK	InGaAlP	590	water clear	36	120	90°	
KPHK-1608MGC	InGaAlP	568	water clear	36	90	90°	
KPHK-1608CGCK	InGaAlP	570	water clear	18	60	90°	
KPHK-1608TGC	InGaN	505	water clear	70	150	90°	
KPHK-1608ZGC	AlInGaN	525	water clear	110	300	90°	
KPHK-1608VGC-A	InGaN	525	water clear	70	200	90°	
KPHK-1608VGC-Z	InGaN	535	water clear	480	1000	90°	
KPHK-1608QBC-D	AlInGaN	470	water clear	50	120	90°	
KPHK-1608PBC-A	InGaN	470	water clear	36	70	90°	
KPHK-1608PBC-J	InGaN	470	water clear	70	250	90°	
KPTK-2012SURC	InGaAlP	628	water clear	110	250	100°	2.0mm x 1.25mm x 0.75mm (0805)
KPTK-2012SURCK	InGaAlP	635	water clear	70	200	100°	
KPTK-2012SEC	InGaAlP	601	water clear	110	280	100°	
KPTK-2012SECK	InGaAlP	601	water clear	70	250	100°	
KPTK-2012SYC	InGaAlP	588	water clear	50	150	100°	
KPTK-2012SYCK	InGaAlP	590	water clear	36	120	100°	
KPTK-2012MGC	InGaAlP	568	water clear	36	90	100°	
KPTK-2012CGCK	InGaAlP	570	water clear	18	60	100°	
KPTK-2012TGC	InGaN	505	water clear	70	150	100°	
KPTK-2012ZGC	AlInGaN	525	water clear	110	300	100°	
KPTK-2012VGC-A	InGaN	525	water clear	70	200	100°	
KPTK-2012VGC-Z	InGaN	535	water clear	480	1000	100°	
KPTK-2012QBC-D	AlInGaN	470	water clear	50	120	100°	
KPTK-2012PBC-A	InGaN	470	water clear	36	70	100°	
KPTK-2012PBC-J	InGaN	470	water clear	70	250	100°	
KPKA-2810SURC	InGaAlP	628	water clear	70	250	90°	2.8mm x 1.0mm x 1.2mm (1104 Right Angle)
KPKA-2810SURCK	InGaAlP	635	water clear	70	200	90°	
KPKA-2810SEC	InGaAlP	601	water clear	110	300	90°	
KPKA-2810SECK	InGaAlP	601	water clear	70	250	90°	
KPKA-2810SYC	InGaAlP	588	water clear	50	150	90°	
KPKA-2810SYCK	InGaAlP	590	water clear	36	120	90°	
KPKA-2810MGC	InGaAlP	568	water clear	36	90	90°	
KPKA-2810CGCK	InGaAlP	570	water clear	18	60	90°	
KPKA-2810TGC	InGaN	505	water clear	70	150	90°	
KPKA-2810ZGC	AlInGaN	525	water clear	110	300	90°	
KPKA-2810VGC-A	InGaN	525	water clear	70	200	90°	
KPKA-2810VGC-Z	InGaN	535	water clear	480	1000	90°	
KPKA-2810QBC-D	AlInGaN	470	water clear	50	120	90°	
KPKA-2810PBC-A	InGaN	470	water clear	36	70	90°	
KPKA-2810PBC-Z-SI	InGaN	465	water clear	110	250	110°	

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