



Part No.	Material	λ D (nm)	Lens Type	Iv (mcd) @20mA		Viewing Angle 2θ1/2	Dimension
				Min.	Typ.		
KPHCM-2012SURCK	InGaAlP	635	water clear	50	150	110°	2.0mm x 1.25mm x 0.4mm
KPHCM-2012SECK	InGaAlP	601	water clear	50	160	110°	
KPHCM-2012SYCK	InGaAlP	590	water clear	36	120	110°	
KPHCM-2012ZGCK	AlInGaN	525	water clear	110	300	110°	
KPHCM-2012CGCK	InGaAlP	570	water clear	10	40	110°	
KPHCM-2012VGC-A	InGaN	525	water clear	50	180	110°	
KPHCM-2012VGC-Z	InGaN	535	water clear	380	800	110°	
KPHCM-2012QBC-D	AlInGaN	470	water clear	50	100	110°	
KPHCM-2012PBC-A	InGaN	470	water clear	18	60	110°	
KPHCM-2012PBC-J	InGaN	470	water clear	50	160	110°	
KP-23SURC-F	InGaAlP	628	water clear	110	250	120°	3.0mm x 2.4mm x 1.05mm
KP-23SURCK-F	InGaAlP	635	water clear	50	150	120°	
KP-23SEC-F	InGaAlP	601	water clear	70	200	120°	
KP-23SECK-F	InGaAlP	601	water clear	50	160	120°	
KP-23SYC-F	InGaAlP	588	water clear	50	150	120°	
KP-23SYCK-F	InGaAlP	590	water clear	36	120	120°	
KP-23MGC-F	InGaAlP	568	water clear	36	70	120°	
KP-23CGCK-F	InGaAlP	570	water clear	18	60	120°	
KP-23ZGC-F	AlInGaN	525	water clear	110	380	120°	
KP-23VGC-A-F	InGaN	525	water clear	50	180	120°	
KP-23VGC-Z-F	InGaN	535	water clear	380	900	120°	
KP-23QBC-D-F	AlInGaN	470	water clear	50	100	120°	
KP-23PBC-A-F	InGaN	470	water clear	18	50	120°	
KP-23PBC-Z-F-SI	InGaN	465	water clear	110	250	120°	
KP-23ESGC	GaAsP/GaP	625	water clear	7	20	120°	
	GaP	568	water clear	7	20	120°	
KP-23YSGC	GaAsP/GaP	588	water clear	2.6	8	120°	
	GaP	568	water clear	7	20	120°	
KP-3216EC	GaAsP/GaP	625	water clear	4	12	120°	3.2mm x 1.6mm x 1.1mm (1206)
KP-3216SRC-PRV	GaAlAs	640	water clear	36	80	120°	
KP-3216SURC	InGaAlP	628	water clear	70	200	120°	
KP-3216SURCK	InGaAlP	635	water clear	50	150	120°	
KP-3216SEC	InGaAlP	601	water clear	70	200	120°	
KP-3216SECK	InGaAlP	601	water clear	50	160	120°	
KP-3216YC	GaAsP/GaP	588	water clear	2.6	8	120°	
KP-3216SYC	InGaAlP	588	water clear	50	150	120°	
KP-3216SYCK	InGaAlP	590	water clear	36	120	120°	
KP-3216SGC	GaP	568	water clear	4	15	120°	
KP-3216MGC	InGaAlP	568	water clear	18	70	120°	
KP-3216CGCK	InGaAlP	570	water clear	10	40	120°	
KP-3216ZGC	AlInGaN	525	water clear	110	300	120°	
KP-3216VGC-A	InGaN	525	water clear	50	180	120°	
KP-3216VGC-Z	InGaN	535	water clear	380	800	120°	
KP-3216QBC-D	AlInGaN	470	water clear	50	100	120°	
KP-3216PBC-A	InGaN	470	water clear	18	60	120°	
KP-3216PBC-J	InGaN	470	water clear	50	160	120°	
KPT-3216SURC	InGaAlP	628	water clear	70	200	120°	3.2mm x 1.6mm x 0.75mm (1206 Super Thin)
KPT-3216SURCK	InGaAlP	635	water clear	50	150	120°	
KPT-3216SEC	InGaAlP	601	water clear	70	200	120°	
KPT-3216SECK	InGaAlP	601	water clear	50	160	120°	
KPT-3216SYC	InGaAlP	588	water clear	50	150	120°	
KPT-3216SYCK	InGaAlP	590	water clear	36	120	120°	
KPT-3216MGC	InGaAlP	568	water clear	18	70	120°	
KPT-3216CGCK	InGaAlP	570	water clear	10	40	120°	
KPT-3216ZGC	AlInGaN	525	water clear	110	300	120°	
KPT-3216VGC-A	InGaN	525	water clear	50	180	120°	
KPT-3216VGC-Z	InGaN	535	water clear	380	800	120°	
KPT-3216QBC-D	AlInGaN	470	water clear	50	100	120°	
KPT-3216PBC-A	InGaN	470	water clear	18	60	120°	
KPT-3216PBC-J	InGaN	470	water clear	50	160	120°	

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