

# Kingbright

## Optoelectronic Components

### HIGH BRIGHTNESS LED

0.5W  
1W

2  
3



■ Quality ■ Efficiency ■ Service ■ Innovation

2016-2018

## 0.5W

Part Number	Material	$\lambda_D$ (nm)	Lens Type	Pd (W)	$\Phi_v$ (lm) @150mA	Viewing Angle	Dimensions
KA-3529ASEL2Z4S	AlGaInP	623	water clear	0.5	12	120°	<p>3.5mm x 2.8mm x 0.8mm</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.25(0.01)</math></p>
KA-3529ASYL2Z4S	AlGaInP	590	water clear	0.5	14	120°	
KA-3529AZG25Z4S	InGaN	525	water clear	0.5	20	120°	
KA-3529AQB25Z4S	InGaN	450	water clear	0.5	4.5	120°	
KA-3535SEL2Z4S	AlGaInP	623	water clear	0.5	13	120°	<p>3.5mm x 3.5mm x 1.15mm</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.25(0.01)</math></p>
KA-3535SYL2Z4S	AlGaInP	590	water clear	0.5	14	120°	
KA-3535ZG25Z4S	InGaN	525	water clear	0.5	20	120°	
KA-3535QB25Z4S	InGaInP	450	water clear	0.5	3.5	120°	
KA-5630SEL2Z4S	AlGaInP	623	water clear	0.5	14	120°	<p>5.6mm x 3.0mm x 0.77mm</p> <p>Units : mm(inch) Tolerance : <math>\pm 0.25(0.01)</math></p>
KA-5630SYL2Z4S	AlGaInP	590	water clear	0.5	15	120°	
KA-5630ZG25Z4S	InGaN	525	water clear	0.5	27	120°	

NOTE:  
1. Luminous Flux value is traceable to CIE127-2007 standards.

## 1W

Part Number	Material	$\lambda_D$ (nm)	Lens Type	Pd (W)	$\Phi_V$ (lm) @100mA	Viewing Angle	Dimensions
					Typ.		
KA3030BR34-S2	InGaN	● 450	water clear	1.32	10	120°	<p>3.0mm x 3.0mm x 0.6mm</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>

Part Number	Material	$\lambda_D$ (nm)	Lens Type	Pd (W)	$\Phi_V$ (lm) @350mA	Viewing Angle	Dimensions
					Typ.		
KTDS-3536SE28Z4S	AlGaInP	● 625	water clear	1.05	43	120°	<p>3.45mm x 3.45mm x 2.0mm</p> <p>Units : mm(inch) Tolerance : ±0.2(0.008)</p>
KTDS-3536SY28Z4S	AlGaInP	● 593	water clear	1.05	50	120°	
KTDS-3536ZG10Z4S	InGaN	● 530	water clear	1.9	100	120°	
KTDS-3536QB14Z4S	InGaN	● 460	water clear	2.8	24	120°	

NOTE:  
1. Luminous Flux value is traceable to CIE127-2007 standards.