

Kingbright

Optoelectronic Components

HIGH BRIGHTNESS LEDs

0.5W

1W

5W/7W

10W

2

3

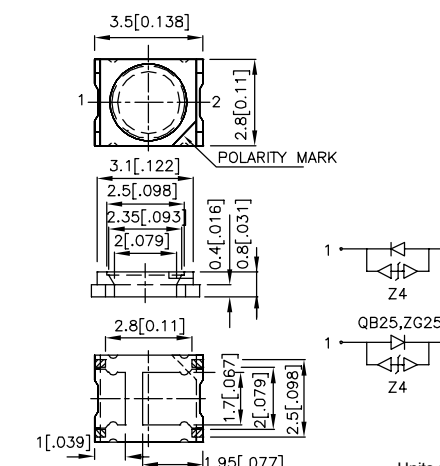
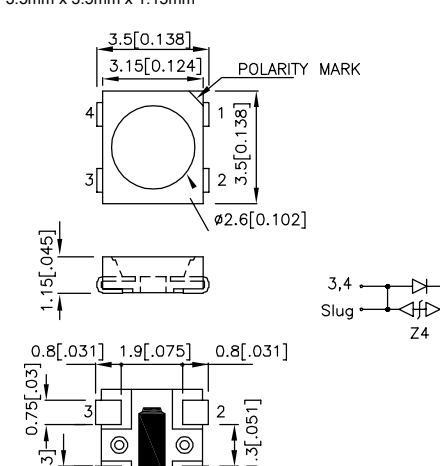
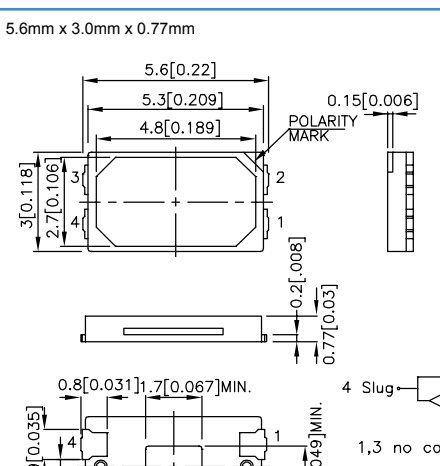
4

4

■ Quality ■ Efficiency ■ Service ■ Innovation

2013-2015

0.5W

Part Number	Material	λ_D (nm)	Lens Type	Pd (W)	Φ_v (lm) @150mA *120mA	Viewing Angle	Dimension
					Typ.	2 θ 1/2	
KA-3529ASELZ4S	AlGaInP	618	water clear	0.5	11	120°	<p>3.5mm x 2.8mm x 0.8mm</p>  <p>KA-3529A</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-3529ASYLZ4S	AlGaInP	590	water clear	0.5	12	120°	
KA-3529AZG25Z4S	InGaN	525	water clear	0.5	20	120°	
KA-3529AQB25Z4S	InGaN	450	water clear	0.5	4.5	120°	
KA-3535SELZ4S	AlGaInP	618	water clear	0.5	11	120°	<p>3.5mm x 3.5mm x 1.15mm</p>  <p>KA-3535</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-3535SYLZ4S	AlGaInP	590	water clear	0.5	12	120°	
KA-3535ZG25Z4S	InGaN	525	water clear	0.5	20	120°	
KA-3535QB25Z4S	InGaN	450	water clear	0.5	3.5	120°	
KA-5630SELZ4S	AlGaInP	618	water clear	0.5	12	120°	<p>5.6mm x 3.0mm x 0.77mm</p>  <p>KA-5630</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KA-5630SYLZ4S	AlGaInP	590	water clear	0.5	14	120°	
KA-5630ZG25Z4S	InGaN	525	water clear	0.5	27	120°	
KA-5630VB38Z4S	InGaN	450	water clear	0.5	*4	120°	

1W

Part Number	Material	λ_D (nm)	Lens Type	Pd (W)	Φ_V (lm) @350mA	Viewing Angle	Dimension
KAAF-5052XSE9Z4XS	AlGaInP	623	water clear	1	42	120°	<p>5.0mm x 5.0mm x 1.2mm</p> <p>KAAF-5052</p>
KAAF-5052XSY9Z4XS	AlGaInP	591	water clear	1	35	120°	
KAAF-5052XZG10Z4XS	AlGaInN	530	water clear	1	65	120°	
KAAF-5052XQB14Z4XS	InGaN	460	water clear	1	20	120°	
KADS-8072SE9Z4S	AlGaInP	623	water clear	1	47	150°	<p>14.5mm x 7.2mm x 5.3mm</p> <p>KADS-8072</p> <p>4 — 3 5 — 2 Slug — Z4 6 — 1</p> <p>Units : mm(inch) Tolerance : ±0.25(0.01)</p>
KADS-8072SY9Z4S	AlGaInP	591	water clear	1	42	150°	
KADS-8072ZG10Z4S	AlGaInN	530	water clear	1	75	150°	
KADS-8072QB14Z4S	InGaN	460	water clear	1	23	150°	
KTDS-3535SE9Z4S	AlGaInP	623	water clear	1	53	110°	<p>3.45mm x 3.45mm x 2.0mm</p> <p>KTDS-3535</p> <p>2 — 1 Z4</p> <p>Units : mm(inch) Tolerance : ±0.2(0.008)</p>
KTDS-3535SY9Z4S	AlGaInP	591	water clear	1	50	110°	
KTDS-3535ZG10Z4S	AlGaInN	530	water clear	1	75	110°	
KTDS-3535QB14Z4S	InGaN	460	water clear	1	18	110°	

5W / 7W

Part Number	Material	λ_D (nm)	Lens Type	Pd (W)	Φ_v (lm)	Viewing Angle	Dimension
					@500mA *700mA Typ.		
KASL-4805SEL1SX15/5	AlGaInP	618	water clear	5	100	120°	48mm x 5mm x 1.6mm
KASL-4805SYL1SX15/5	AlGaInP	590	water clear	5	140	120°	
KASL-4805ZG25SX15/7	InGaN	525	water clear	7	*240	120°	
KASL-4805QB25SX15/7	InGaN	460	water clear	7	*42	120°	

Units : mm(inch)
Tolerance : ±0.25(0.01)

10W

Part Number	Material	λ_D (nm)	Lens Type	Pd (W)	Φ_v (lm)	Viewing Angle	Dimension
					@1A Typ.		
KT-1213WE9SX9/10	AlGaInP	624	water clear	10	150	120°	12mm x 12mm x 1.2mm
KT-1213WY9SX9/10	AlGaInP	590	water clear	10	180	120°	
KT-1213WG9SX9/10	InGaN	525	water clear	10	460	120°	

Units : mm(inch)
Tolerance : ±0.25(0.01)