

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) | Viewing Angle | Dimension |
|-----------------|----------|------------------|-------------|--------|--------------------------|---------------|--|
| | | | | | @150mA *120mA Typ. | | |
| 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 | InGaInP | 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 | InGaInP | 450 | water clear | 0.5 | *4 | 120° | |

1W

| Part Number | Material | λD (nm) | Lens Type | Pd (W) | Φv (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-4805 Units : mm(inch) Tolerance : ±0.25(0.01) |
| 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° | |

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-1213 Units : mm(inch) Tolerance : ±0.25(0.01) |
| KT-1213WY9SX9/10 | AlGaInP | 590 | water clear | 10 | 180 | 120° | |
| KT-1213WG9SX9/10 | InGaN | 525 | water clear | 10 | 460 | 120° | |