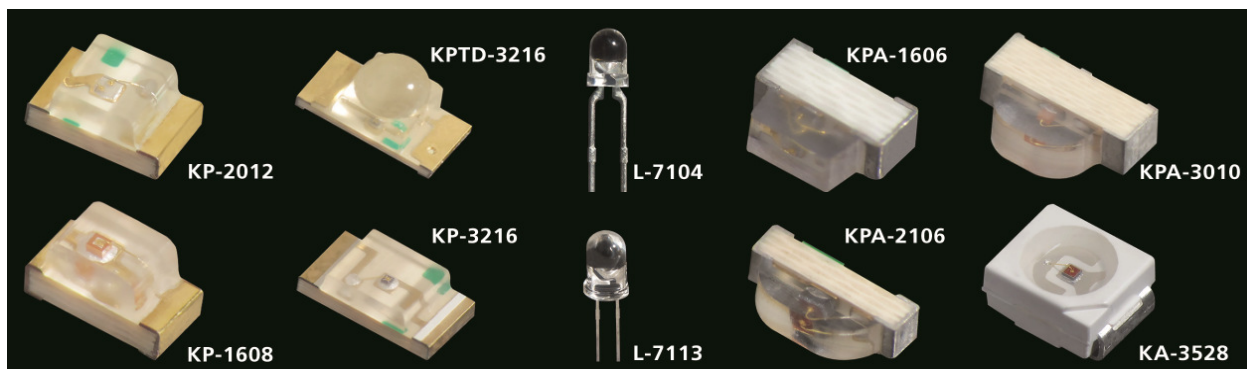


## NEW PRODUCT INFORMATION

### New super-bright Through-hole & SMD-LEDs - 590nm yellow & 624nm reddish-orange



#### Features

- Low power consumption
- Forward voltage reddish-orange = typ. 2,2V - max. 2,8V
- Forward voltage yellow = typ. 2,0V - max. 2,5V
- RoHS compliant

| Part number      | Package          | Dimensions           | Iv (mcd) @ 20mA |      | Viewing angle |
|------------------|------------------|----------------------|-----------------|------|---------------|
|                  |                  |                      | min.            | typ. |               |
| L-7104SYCK-J3    | 3mm              | 3mm Through-hole     | 1600            | 2600 | 34°           |
| L-7113SYCK-J3    | 5mm              | 5mm Through-hole     | 4000            | 6000 | 20°           |
| KP-1608SYCK-J3   | 0603             | 1,6 x 0,8 x 1,1 mm   | 200             | 320  | 120°          |
| KPT-1608SYCK-J3  | 0603 Super Thin  | 1,6 x 0,8 x 0,75 mm  | 200             | 320  | 120°          |
| KP-2012SYCK-J3   | 0805             | 2,0 x 1,25 x 1,1 mm  | 200             | 320  | 120°          |
| KPT-2012SYCK-J3  | 0805 Super Thin  | 2,0 x 1,25 x 0,75 mm | 200             | 320  | 120°          |
| KP-3216SYCK-J3   | 1206             | 3,2 x 1,6 x 1,1 mm   | 200             | 320  | 120°          |
| KPT-3216SYCK-J3  | 1206 Super Thin  | 3,2 x 1,6 x 0,75 mm  | 200             | 320  | 120°          |
| KPTD-3216SYCK-J3 | 1206 Dome Lens   | 3,2 x 1,6 x 1,8 mm   | 1300            | 1700 | 35°           |
| KA-3528SYCK-J3   | PLCC-2           | 3,5 x 2,8 x 1,9 mm   | 200             | 450  | 120°          |
| KPA-1606SYCK-J3  | 0602 Right Angle | 1,6 x 0,6 x 1,2 mm   | 200             | 350  | 110°          |
| KPA-2106SYCK-J3  | 0802 Right Angle | 2,1 x 0,6 x 1,0 mm   | 200             | 350  | 120°          |
| KPA-3010SYCK-J3  | 1104 Right Angle | 3,0 x 1,0 x 2,0 mm   | 200             | 350  | 120°          |

Luminous intensity value is traceable to the CIE 120-2007 compliant national standards

| Part number             | Package                 | Dimensions                  | lv (mcd) @ 20mA |             | Viewing angle |
|-------------------------|-------------------------|-----------------------------|-----------------|-------------|---------------|
|                         |                         |                             | min.            | typ.        |               |
| <b>L-7104SECK-J3</b>    | <b>3mm</b>              | <b>3mm Through-hole</b>     | <b>1000</b>     | <b>1600</b> | <b>34°</b>    |
| <b>L-7113SECK-J3</b>    | <b>5mm</b>              | <b>5mm Through-hole</b>     | <b>3600</b>     | <b>6000</b> | <b>20°</b>    |
| <b>KP-1608SECK-J3</b>   | <b>0603</b>             | <b>1,6 x 0,8 x 1,1 mm</b>   | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KPT-1608SECK-J3</b>  | <b>0603 Super Thin</b>  | <b>1,6 x 0,8 x 0,75 mm</b>  | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KP-2012SECK-J3</b>   | <b>0805</b>             | <b>2,0 x 1,25 x 1,1 mm</b>  | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KPT-2012SECK-J3</b>  | <b>0805 Super Thin</b>  | <b>2,0 x 1,25 x 0,75 mm</b> | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KP-3216SECK-J3</b>   | <b>1206</b>             | <b>3,2 x 1,6 x 1,1 mm</b>   | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KPT-3216SECK-J3</b>  | <b>1206 Super Thin</b>  | <b>3,2 x 1,6 x 0,75 mm</b>  | <b>200</b>      | <b>350</b>  | <b>120°</b>   |
| <b>KPTD-3216SECK-J3</b> | <b>1206 Dome Lens</b>   | <b>3,2 x 1,6 x 1,8 mm</b>   | <b>1600</b>     | <b>2500</b> | <b>35°</b>    |
| <b>KA-3528SECKT-J3</b>  | <b>PLCC-2</b>           | <b>3,5 x 2,8 x 1,9 mm</b>   | <b>300</b>      | <b>450</b>  | <b>120°</b>   |
| <b>KPA-1606SECK-J3</b>  | <b>0602 Right Angle</b> | <b>1,6 x 0,6 x 1,2 mm</b>   | <b>200</b>      | <b>380</b>  | <b>110°</b>   |
| <b>KPA-2106SECK-J3</b>  | <b>0802 Right Angle</b> | <b>2,1 x 0,6 x 1,0 mm</b>   | <b>200</b>      | <b>380</b>  | <b>120°</b>   |
| <b>KPA-3010SECK-J3</b>  | <b>1104 Right Angle</b> | <b>3,0 x 1,0 x 2,0 mm</b>   | <b>200</b>      | <b>380</b>  | <b>120°</b>   |

Luminous intensity value is traceable to the CIE 120-2007 compliant national standards



Head office in Germany:

Lindenau 7 / Gewerbegebiet  
D-47661 Issum  
Tel. +49 (2835) 4446-0  
Fax +49 (2835) 4446-29  
info@kingbright-europe.de

Branch office in France:

33 rue Benoit Malon  
F-92150 SURESNES  
Tel. +33 01.71.12.61.28  
Fax +33 01.71.12.61.36  
info@kingbright-europe.fr

[www.kingbright-europe.de](http://www.kingbright-europe.de)