



april 2008

# Kingbright news



Puzzled where to get  
**Kingbright**  
Products, don't be.....  
with 20 million pieces in  
stock EBT OPTRONIC can have  
them to your door in 48 hours

*A message from Markus Fuchs our Operation Manager at the European Logistics Centre in Bad Dürkheim Germany...*

## **LED technology in its broadest range**

EBT has offered for many years the most comprehensive LED range world-wide. 2008 is the year of the European Soccer Championships, as in sport, businesses thrive on the endless preparations and hard work undertaken behind the scenes, without which, the main events could never be achieved successfully. Sport and business are team events... and EBT now has a winning team at Bad Dürkheim who are keen to win your business.

In early April 2008 EBT opened our doors to several of our customers, holding our first in-house exhibition for many years. Not only was it a chance for our customers to visit our offices in Bad Dürkheim but also for our Product Management to showcase some of our new developments.

The positive feed-back we received is incentive enough for us to begin planning another such Gold medal event. We, at EBT Optronicon, are always striving to improve our service for our customers and are now able to offer you a file listing our available stock. Just mail us a quick note stating how often you would like to receive it.

EBT wants to ensure 1st class delivery reliability, shortening lead times while still maintaining superior standards of quality. We have stocked up on several more part lines to improve delivery. Furthermore, our variety of products is constantly broadened by Product Management and our R & D department.

I would like to take this opportunity to thank all our customers for your business in the past and look forward to a bright new LED future with EBT Optronicon

*Markus Fuchs Operation Manager Bad Dürkheim*



Kingbright **HOT**line.... Tel: +49 (0)6322 – 9567-0



# NEW PRODUCTS

Call **HOT**line now..... **SPECIAL OFFER**

Part Number	MOQ / PU	Price/100 pcs.
L-934GD-12V	1000 pcs	4.73 €
L-53SRD-E	500 pcs	2.03 €
KPA-3010SGC	2000 pcs	3.04 €
KP-3216SRD	2000 pcs	3.25 €
L-7104UVC	100 pcs	45.00 €
L-934YD-DD Sel. QB	1000 pcs	5.06 €
L-914GDT	1000 pcs	2.42 €

Terms & Conditions: Offer available until 31<sup>st</sup> July 2008, prices ex works & excl. packaging.

## KADI-9090/Star series

### Features

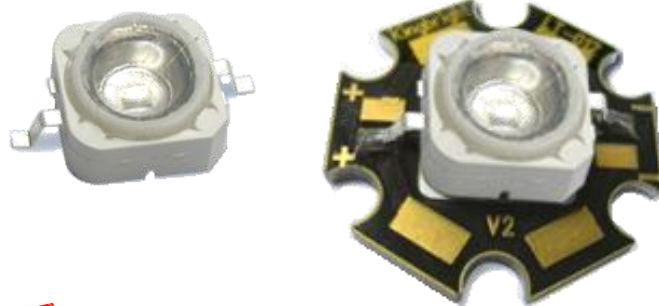
Super high flux output and high luminance. Designed for high current operation. Low thermal resistance. Lead free product. Low voltage dc operated. Superior esd protection. 500pcs/reel. RoHs compliant.

**NEW 2008**

### Applications

Traffic signaling.  
Backlighting (illuminated advertising , general lighting).  
Interior and exterior automotive lighting/  
Substitution of micro incandescent lamps.  
Portable light source (e.g. bicycle flashlight)/ Signal and symbol luminaire for orientation.  
Marker lights (e.g. steps, exit ways, etc).  
Decorative and entertainment lighting.  
Indoor and outdoor commercial and residential architectural

Standard lead time: 5 – 6 weeks



**NEW 2008**



# Kingbright

## KAS 4805 series



### K-Linear high power LED

The package containing 15 chips is capable of high brightness. High thermal dissipation efficiency is achieved by incorporating aluminium as reflector and as a substrate to ensure long life..A wide range of colors are available

### Features

Dimension:48mm x 5mm x 1.6mm  
Instant light, High efficiency, Long life, Low power usage  
More energy efficient than incandescent, most halogen lamps, and fluorescents

### Applications

Ceiling lights, Contour lights, Decoration lights, General lighting, Architectural lighting.

Standard lead time: 5 – 6 weeks



# NEW PRODUCTS

## KPHBM-2012ETSGTC

### Features

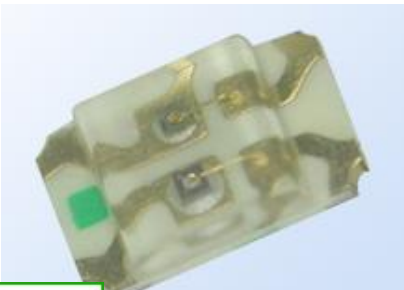
2.0mmx1.25mm SMT LED, 0.45mm max. Thickness. Bi-color, low power consumption. Wide viewing angle. Ideal for backlight and indicators.

Package : 2000pcs / reel. Moisture sensitivity level 3. RoHs compliant

### Applications

Flat backlighting (lcd,cellular phones,switches.displays). Toys/ Indoor displays/ Signal and symbol luminary.

**Standard lead time:** 5 – 6 weeks after order received



## KPTFD-3535PBG SURVGAC

### Features

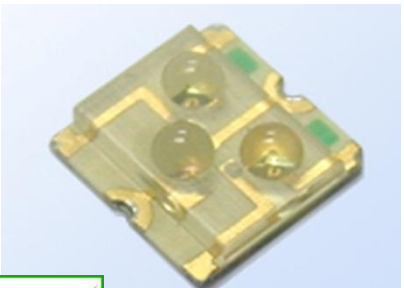
3.5mmx3.5mm SMT LED, 1.25mm thickness. Tri-color. Wide viewing angle. Ideal for backlight & indicators. Various colors and lens types available.

Moisture sensitivity level 3. RoHs compliant.

### Applications

Automotive,backlight in dashboards and switches. Telecommunication, indicators and backlight in telephone and fax. Switches and symbols/ General use.

**Standard lead time:** 5 – 6 weeks after order received



## KPHCM-2012EC-T

### Features

2.0x1.25mm SMT LED,0.5mm max.thickness. Low power consumption. Wide viewing angle. Ideal for backlight and indicators. Various colors and lens types available. Package : 2000pcs / reel. Moisture sensitivity level 3.

RoHs compliant.

### Applications

Flat backlighting (lcd,cellular phones,switches.displays). Toys/ Indoor displays/ Signal illumination

**Standard lead time:** 5 – 6 weeks after order received





# TECHNICAL NEWS



## L-53 and L-934-series:

Kingbright has advised us to offer the series L-7104 instead of L-934 and L-7113 instead of L-53 series for new projects. The old series are still available and will stay available for some time. The new series are identical to the old ones. The only difference between them is that the viewing angles of the new series are identical to the values given in the specs.

Please also note that there are new chips for the PB and VG LEDs. The new P/Ns are PBx-A and VGx-A. These chips are much brighter than the old ones and much, much cheaper. Could you please slowly exchange the new series L-7104 and L-7113 for the old ones.

## SMD Display series KPxxx:

The KPxA / KPxC / KPPxA / KPPxC -series have been replaced by the KCxA / KCxC / KCPxA / KCPxC-series, e.g. KPPDC04-104 was replaced by KCPDC04-101.

## KA-3528 and KA-3020 series:

For technical reasons Kingbright has made a change to their SMD-LEDs KA-3528 and KA-3020 series. The shape of the connecting contacts has been changed in the new series KA-3528A and KA-3020A. The electrical and optical features of these types will remain unchanged compared to the known KA-3528 and KA-3020 series.

## White Kingbright LEDs:

Furthermore, we regret having to inform you that due to patent-protection issues we are, at the moment, unable to supply you with white Kingbright LEDs.

## Order acknowledgements:

Please let us know if you would prefer to receive our order acknowledgements via email. All it needs is for you to send your preferred email address to our Customer Service.

## For samples and more information, please contact EBT Customer Service:

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**Monday to Thursday**

**from 7.30 to 17.30**

**Friday**

**from 7.30 to 15.00**



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