



July 2008

# Kingbright news



Make the world a greener place  
with LED lighting products from

# Kingbright

*A message from Peter Viezens our Sales & Marketing Director in Bad Dürkheim Germany...*

Welcome to our second EBT Optronic Newsletter, we hope you find it useful and informative... In this edition we are happy to announce the launch of our new EBT Optronic website, specifically designed to promote the great range of Kingbright LED products. Also this time we show some new Kingbright Sensors available now from EBT.



So already we are halfway through the year with our plans for Electronica 2008 well under way. We will be showing some of the latest developments from Kingbright and look forward to seeing you there.



23. Weltleitmesse  
Neue Messe München  
11.-14. November 2008

*Peter Viezens CML-IT European  
Sales & Marketing Director*

**NEW  
2008**

**EBT website.... [www.ebt-optronic.com](http://www.ebt-optronic.com)**



## NEW PRODUCTS

Call **HOT**line now.....

**SPECIAL OFFER**

PSA05-12PBWA-A : € 152,17 / 100 pcs. Available until 30.09.08

### KPS-3227SPIC

#### AMBIENT LIGHT PHOTO SENSOR

##### Features

Lead-free package.

Component in accordance with RoHS.

Adapted to human eye responsive.

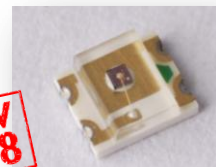
Wide angle of half sensitivity.

Std lead time: 5 – 6 weeks after order received

##### Applications

Detection of ambient light to control display backlighting in: mobile phones, PDAs, note books, Video cameras.

**NEW 2008**



### KPS-5130PD7C

#### RGB COLOUR SENSOR

##### Features

Lead-free package

Component in accordance with RoHS.

SMD style package on PCB technology.

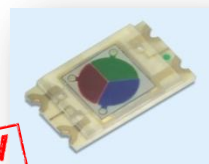
Integral colour filter in blue, green and red.

Std lead time: 5 – 6 weeks after order received

##### Applications

The devices are suitable for colourimetry, printing process control, display colour correction.

**NEW 2008**



### KPS-3224IC130C

#### AMBIENT LIGHT SENSOR WITH PHOTO IC.

##### Features:

Close responsivity to human eye.

Good output linearity across wide illumination range.

Low sensitivity variation across various light sources.

Guaranteed temp performance: -30 to 85C

Wide supply voltage range: 2.7 to 5.5V.

Std lead time: 5 – 6 weeks after order received

##### Applications:

Detection of light to control backlighting.

Mobile devices mobile phones, PDAs.

Computing devices: notebooks.

TVs, digital video & still cameras.

Automatic lighting management .

Electronic signs and signals

Daylight and artificial light exposed device.

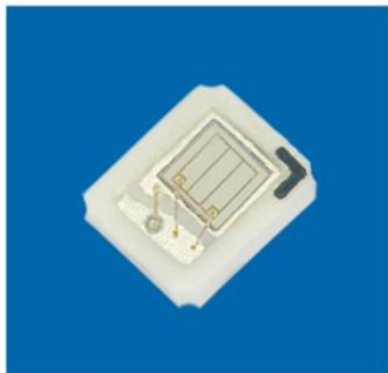
**NEW 2008**





## NEW PRODUCTS

## KT-2520 Series



### Features

- Low thermal resistance
- Low moisture sensitivity level 2a
- Small package with high efficiency
- SMD
- Ceramic package with silicone resin
- Colours available: red, yellow, green, blue

### Typical Applications

- Room lighting
- Architectural Lighting
- Decorative, path lighting
- LCD TV backlight
- Front panel backlight



Part No.	Colour	Forward Current	lv mcd		ΦV ( lm)		Viewing angle
			Min.	Typ.	Min.	Typ.	
KT-2520QB10ZS	BLUE	250mA	1800	2500	9	12	120°
KT-2520ZG10ZS	GREEN		7500	10000	30	38	
KT-2520SE9ZS	RED		3300	4500	10	14	
KT-2520SY9ZS	YELLOW		3300	4500	10	14	



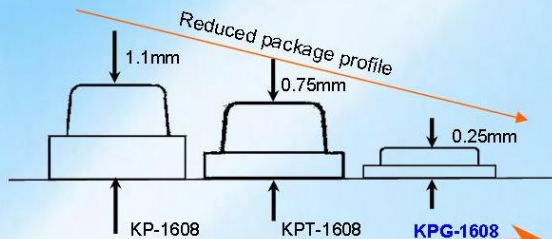


# NEW PRODUCTS

# KPG-I608 Series

**NEW  
2008**

## SURFACE MOUNT LED LAMPS



**KPG-1608**

### Features

- 1.6mmX0.8mm SMD CHIP LED LAMP (0.25mm Height)
- Low power consumption.
- Wide viewing angle.
- Compatible with automatic placement equipment
- Ideal for backlight and indicator.
- Various colors available.
- Package: 2000pcs / reel.
- Moisture sensitivity level : level 3
- RoHS compliant.

### Applications

- Mobile phone Keypad indicator and backlight
- Flat backlight for LCD, switch and symbol
- Toys



Colour	Part No.	Forward Current	Iv (mcd)		Viewing Angle
			min	typ	
RED	KPG-1608SEKC-T	20mA	110	200	120°
YELLOW	KPG-1608SYKC-T		70	100	
GREEN	KPG-1608VGC-A		110	200	
	KPG-1608ZGC		280	420	
BLUE	KPG-1608PBC-A		18	35	
	KPG-1608QBC-D		50	70	
	KPG-1608QBC-E	50	95		



**TECHNICAL NEWS**



**OBSOLETE**

Obsolete notice:

Please be informed that the following series will be obsoleted because the lead-frames are discontinued by our supplier:

**KIRMA01 IXX & KIRMA02 IXX**

**BLFA054 & BLFA052XXX**

**BLFA064 & BLFA062XXX**

Please inform all your customers accordingly,  
thanks!

**OBSOLETE**



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

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

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Email: europe@cml-it.com

**Monday to Thursday**

**from 7.30 to 17.30**

**Friday**

**from 7.30 to 15.00**



**EBT website.... [www.ebt-optronic.com](http://www.ebt-optronic.com)**