



Product Group: Vishay Semiconductors, Diodes
Author: Horst G. Lengning
Tel: +49 7131 672369
E-mail: horst.lengning@vishay.com

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The information below is also available in PDF format which can be read in Adobe® Acrobat® by clicking on this link:
http://www.vishay.com/marcom/hn/npi/npi_tlmw3300_white_power.pdf
 To access the product datasheets on the Vishay Web site, go to:
<http://www.vishay.com/doc?83290> (TLMW3300)

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Power SMD LED White TLMW3300

The TLMW3300 is the start for a new white SMD LED Product Line

The News:

The new white Power SMD LED are designed in addition to the Red, Yellow, Yellow-Green, and Pure-Green Power SMD-LED TLMK 33.. Series.
 The TLM . 33.. series is an advanced modification of the Vishay TLM . 31.. Series.

These devices have been designed to meet the increasing demand for surface mounting technology. The package of the TLMW3300 is the PLCC-2.
 It consists of a lead frame which is embedded in a white thermoplast. The reflector inside this package is filled up with clear epoxy



Product	Color	Iv / mcd @ IF = 20 mA (typ.)	Color Temperature @ IF = 20mA (typ.)	Angle of Half Intensity (+/- typ.)
TLMW3300	White	500	5500K	60°

Features:

- SMD LED with exceptional brightness
- Compatible with automatic placement equipment
- Available in 8mm tape reel
- Low profile package
- High reliability lead frame based
- Temperature Range -40°C to +100°C
- Luminous intensity ratio in one packaging unit Iv max / Ivmin < 1,75
- ESD class 1
- Suitable for all soldering methods according to CECC
- High efficient InGaN technology

The Key Applications:

- Backlight keypads
- Thinner mobile phones
- Indicator and backlight for audio and video equipment
- Indicator and backlight for battery driven equipment
- Indicator and backlight in office equipment
- Flat backlight for LCDs, switches and symbols
- Consumer appliances
- Medical instruments
- Illumination purpose, alternative to incandescent lamps

Availability:**TLMW3300: Samples available, Production Quantities Q3 / 2004****Lead times: 8Weeks**

Contact Information:**The Americas**

Dale Henderson
+1 408 567-8317

dale.henderson@vishay.com

Europe

Klaus Baumann
+49 7131-67-2212

klaus.baumann@vishay.com

Asia/Pacific

Werner Kreile
+65 6780-7812

werner.kreile@vishay.com

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