

## EVERLIGHT introduces the Shwo D LED Lighting Series

EVERLIGHT Electronics have introduced a brand new LED, thereby increasing its Lighting Series components portfolio. The Shwo D Series – *Offers a new type of High Power, High Luminosity and High Economic value (superb \$/lm) LED for advanced lighting applications . . .*

The Shwo D Series is a SMD, featuring high brightness combined with a compact size (3.5x3.5x0.58mm) that is suitable for all kinds of lighting applications such as general illumination, flash, spot, signal, industrial and commercial lighting. With standard operating current of 350mA, the Shwo D family can be driven at 1 watt. The minimum luminous flux (lm) of the 1W Shwo D can be up to 110 lm at 6500K(CCT) or 80 lm at 3000K(CCT) when driven at 350mA of current.



The thermal pad of this device is electrically isolated thereby providing convenience in thermal and electrical design. The Shwo D Series also has the advantage of low thermal resistance. It is one of the most promising devices in EVERLIGHT's High Power Lighting Series product offering and is ready to face the challenges of today's Solid-State Lighting requirements.

EVERLIGHT is also promoting closer working relationships between their R&D, Sales and Marketing teams to better meet and exceed their customer's expectations in both product offering and technology perspectives. The Shwo D LED Series and its many technical features are a result of fostering a closer relationship between these teams.

### Key Features:

- Small package with high efficiency
- ESD protection up to 8KV
- Soldering method: SMT
- Binning Parameters: Brightness, Forward Voltage, Wavelength and Chromaticity
- Moisture Sensitivity Level: 1
- RoHS Compliant
- Matches ANSI binning
- Lumens Maintenance testing conforms to IESNA LM80 test method

Datasheets and additional information can be found on [www.everlight.com](http://www.everlight.com)