



Flash LEDs Reach High Resolution Level of Xenon Lamp for Digital Cameras

Seoul Semiconductor, one of the ten largest LED manufacturers in the world, announced that it has launched a super bright and ultra-mini flash LED that will replace xenon lamps which are generally used as a flash light source for digital cameras or 5 mega pixel camera phones. Seoul Semiconductor's Flash LEDs will be applied to digital camera's flashes of a global digital camera manufacturer.

Seoul Semiconductor's new flash LED, FCW211Z series, features super brightness, ultra-mini size, display of moving image, and long lifespan.

FCW211Z can operate at high current of 2 Amp, and emit up to 100 candelas, which indicates more than twice the brightness level of conventional LEDs for Flash. The Light Energy of the product at 26.49 lux-secs is comparable to that of high capacity xenon lamp, and it is expected to exceed the level of xenon in the near future.

The Flash LED's small size supports the miniaturization of devices. It is suitable for ultra-small products such as mobile phones, digital cameras and video cameras.

Comparison of dimensions between FCW211Z Series and xenon lamp

- FCW211Z Series: width 3.5mm, length 3.0mm, height 0.75 mm

- Xenon lamp for mobile phone: width 10.1 mm, length 4.6mm, height 3.5 mm

FCW211Z series enables displaying of moving images and continuous shooting without a need of charge while conventional xenon lamps are not available for those functions. Furthermore, the series offers more than two times longer lifespan than conventional xenon lamp.



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