Flash LED presents as harmonizing form and function

Osram Opto Semiconductors has added a new LED to its Oslux family. This LED is specifically designed for camera flash in smartphones and provides a high quality white light that illuminates the target area. The LED has two chips of 1 square millimeter of emitting surface each. The light-emitting area of the rectangular LED is optimized for the optics of the phone – the surface is flat and blends properly with the cover. This means the LED can be installed inconspicuously. No additional covers or lenses are necessary. With its symmetrical emission, the Oslux LED can be installed vertically or horizontally. When switched off, the LED is barely noticeable. When in use, high quality white light illuminates the target area. Owing to UX:3 chip technology, the Oslux LED provides very consistent illumination for photos. At a distance of 1 meter (approx. 3.3 feet), a brightness level of 150 lux is achieved. The light is evenly distributed and covers the corners of the rectangular illuminated image. This means no hot spot is generated in the center as would be the case with a conventional flash. As all the elements of the flash are combined in a single component, the Oslux LED is also easily integrated into the phone.

Osram Opto Semiconductors
866-993-5211, www.osram-os.com [1]

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