ELECTROSPELL

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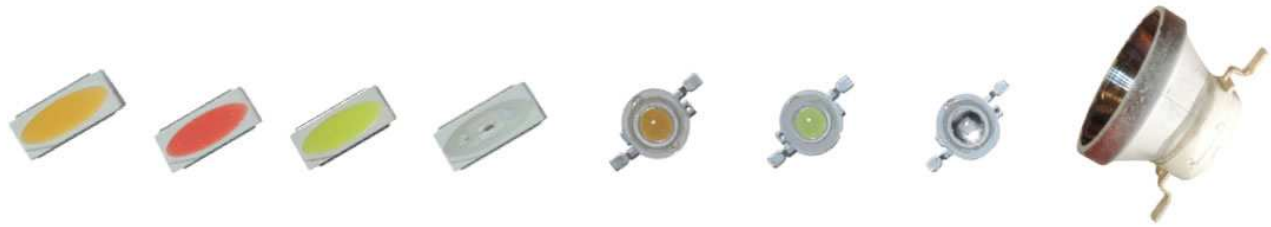

Electrospell develops innovative LEDs for the current and future generation of solid-state lighting systems. We develop, manufacture and sell LEDs that generate light of outstanding quality. These components are used by manufacturers of all kinds of LED-based lighting products to produce some of the best LED luminaires.

At Electrospell we maintain research and development activity in the areas of LED chip design, optical materials, thermal management systems, electronic drive systems and system integration. This expertise is available to all of our LED customers. Samples of Electrospell LEDs are available free to qualified customers.

Electrospell produces both color and white LEDs. Our Spectrafill family of red, green and blue LEDs is especially popular for generating white light by mixing broadband red, green and blue lights. Such systems allow the white light to be tuned to any desired color shade. Spectrafill LEDs are also suitable for a variety of other applications such as illumination for indoor plant growth, machine vision, underwater illumination, document scanners, skin therapies etc.

For white light illumination, Electrospell offers Flat-white and Tungsten LEDs. Flat-white LEDs produce a balanced white light spectrum where colors are uniformly represented so that the light is neither cool white nor warm white, just very white. Tungsten LEDs produce light that mimics the emission from tungsten halogen lamps – making Tungsten LEDs ideal sources for indoor illumination applications.

All Electrospell LEDs are available in a variety of package styles to suit different application requirements. These include through-hole, surface mount and power packages. Reflector LED kits consisting of reflectors with power LEDs are also available. Several new types of LEDs are under development so don't forget to visit Electrospell's website from time to time. The website also allows the download of detailed information, including data-sheets for all Electrospell LEDs.