

RS Components announces availability of high-intensity colour and white LEDs from Lumileds

LUXEON LED emitter portfolio targets use in architectural, entertainment and emergency vehicle lighting applications

Johannesburg, South Africa, 12 June, 2018 - [RS Components](#) (RS), the trading brand of [Electrocomponents plc](#) (LSE:ECM), a global multi-channel distributor, has announced availability of the [Lumileds LUXEON CZ optically advanced portfolio of colour and white LED emitters](#).

Designed to deliver a significant lighting punch in terms of candela and lumen density, the high-density portfolio offers an optimal LED solution for a range of lighting market sectors including: architecture and entertainment; colour-tuneable lamps; and speciality lighting use for emergency vehicles.

The LUXEON CZ colour portfolio includes a full spectrum of colour choices including red, red-orange, amber, PC amber (phosphor converted), mint, green, cyan, blue and royal blue. Dominant or peak wavelengths for the devices range from 624-634nm for red, to 520-540nm for green, to 440-460nm for royal blue. Other characteristics of the colour portfolio include luminous/radiant flux measurements ranging from: 31mW, typically, for red; up to 425mW, typically, for royal blue; all with a tolerance of $\pm 6.5\%$.

The white LED series includes devices with 3000, 4000, 5000 and 5700K colour temperatures (CCT) with respective typical luminous flux measurements of 99, 109, 110 and 110mW. In addition, typical luminous efficacy (lumens per watt) is 133 for the three higher CCT devices.

Offering an industry-leading hot/cold factor and an exceptionally low thermal resistance, each device in the LUXEON CZ range comes in a small and symmetrical 2 x 2mm² package.

The Lumileds LUXEON CZ portfolio of LED emitters is now available from RS.