



RS Components introduces new higher-performing Luxeon Gen-4 COB LEDs

The industry's smallest light-emitting surface and high thermal performance simplifies luminaires design for quality-conscious lighting

Johannesburg, South Africa, 29 May, 2018 - [RS Components](#) (RS), the trading brand of [Electrocomponents plc](#) (LSE:ECM), the global distributor for engineers, is stocking the newly launched [Lumileds Gen-4 Luxeon COB LEDs](#), enabling smaller, simpler luminaires to deliver bright and vibrant lighting.

With pace-setting efficacy of up to 170lm/W, the industry's smallest LES, and package thermal resistance up to four times lower than other COB LEDs, lighting designers using Luxeon Gen-4 LEDs can create new styles featuring denser arrays, smaller optics, and simplified construction. In addition, colour consistency within a 3-step MacAdam ellipse gives freedom from binning to simplify component purchasing and luminaire production while ensuring uniform appearance from unit to unit.

High colour fidelity is another strong suit of the latest Gen-4 Luxeon COB LEDs, which have CRI of up to 90. Consistent rendering of all wavelengths makes them ideal for colour-critical lighting in areas such as retail displays, showrooms, healthcare centres, laboratories, and industrial-inspection areas. Applications like high-bay and low-bay lighting, downlights, spotlights, and architectural or general outdoor lighting can also benefit from the superior brightness, clarity and efficacy of Luxeon Gen-4 LEDs.

All units are hot-tested at 85°C, which gives an accurate indication of performance and reliability in real-world operating conditions and removes additional testing burdens from lighting manufacturers.

The Lumileds Gen-4 Luxeon COB LEDs are now available from RS.

-Ends-

About RS Components

RS Components is the market leader in the high service level distribution of electrical, electronic, mechanical, tools and industrial products. Operating in 26 countries whilst serving a further 100 through third-party distributors, RS serves every sector of industry in the procurement of their products relating to maintenance, repair, operations, low volume production, research and development.

With over 500 000 products across 2500 leading brands, the company is committed to ensuring that their 1,5 million customers have fast access to a broad, as well as deep range, of products and technologies, all under one roof.

It is proven that departments traditionally spend 80% of their time sourcing products that account for only 20% of their total procurement spend. RS is focussed on reducing the customers "total cost of product ownership" by reducing the need to make multiple calls to various companies to source products, reducing supplier related administration and allowing for the amalgamation as well as consolidation of supplier bases. Through this process, procurement efficiency is improved and time is freed up to concentrate on the more important business decisions.

For more information, please visit the website at za.rs-online.com

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