

Press Information

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Philips Lumileds LUXEON 3020 Creates New, Affordable Opportunities in Mass Lighting Market

The LUXEON 3020 emitter crosses the 1,000 lumens per dollar threshold and will encourage even greater adoption of LED based lighting.

San Jose, CA – Philips Lumileds continues its celebration of Mid-Power March with the launch of the reliable and cost effective LUXEON 3020 emitter. This LED solution will drive a variety of long-awaited commercial LED lighting fixtures into the mass market, including lamps and troffers. “The LUXEON 3020 is the most affordable of all our mid-power LEDs, delivering over 1,000 lumens per dollar. This product will inspire the market with the next generation of high quality, efficient and attractively priced LED lamps,” said Orson Lo, Product Manager, Philips Lumileds.

Like other offerings in the company’s mid-power portfolio, the LUXEON 3020 also features hot color targeting and a 1/9th micro color binning structure. Philips Lumileds hot color targeting ensures the color temperature remains within ANSI specifications at operating conditions. With the new binning option, customers have the ability to select portions of the bin structure that are within the ANSI, 5-step MacAdam Ellipse or 3-step MacAdam Ellipse regions, achieving the color point needed for a particular application.

For designers of lamps, troffers, TLEDs, high bay and low bay luminaires, the LUXEON 3020 produces 90 lm at 6500K and 80 CRI when driven at the maximum drive current of 240 mA. The LUXEON 3020 also features the use of epoxy molding compound (EMC) along with QFN packaging technology to deliver superior reliability and thermal properties. Typical efficacy of the LUXEON 3020 is 135 lm/W at 6500K at a CRI of 80 and drive current of 120 mA. LM-80 data is available for the LUXEON 3020 emitter.

For more information about the product, visit www.philipslumileds.com/LUXEON3020

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About Royal Philips:

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