

Press Information

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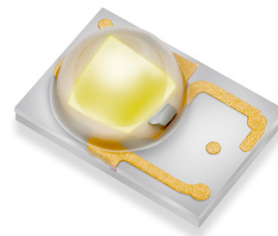
Philips Lumileds expands its LUXEON Rebel white LED portfolio and increases light output.

SAN JOSE, CA — Philips Lumileds announced today that it has added a new 4000K CCT ANSI binned part to its award winning [LUXEON Rebel product portfolio](#) and raised the top flux bin for its cool and neutral white LUXEON Rebel by 20%. The new part delivers improved color rendering and tight binning to simplify luminaire designers' engineering efforts. In addition, flux bin increases for cool and neutral white LUXEON Rebel parts to a minimum 120 lumen flux bin at 350 mA demonstrates continued flux and efficacy improvements that are part of the company's technology development path. Coupled with the recent introduction of LUXEON Rebel ES, Philips Lumileds LEDs provide high performance options for a wide variety of applications.

"As the market for solid-state lighting solutions takes hold, feedback from lighting engineers, designers, and end-users is playing a critical role in the development of the LUXEON LED portfolio," said Frank Harder, VP Marketing LUXEON Product Lines at Philips Lumileds. "The [new 4000K CCT part](#) addresses specific needs in the office lighting segment where light output, efficacy and quality of light must meet certain levels. And our light output increases coupled with superior performance at application conditions means that our LUXEON Rebel LEDs will outperform virtually any similar product available today."

Correlated Color Temperature (CCT)	Typical CRI	Min Flux @ 350 mA	Typical Flux @ 350 mA	Typical Efficacy lm/W @ 350 mA	Part Number
4000K ANSI	75	90	100	95	LXM7-PW40
3500K - 4500K	65	120	130	124	LXML-PWN1-0120
4500K-10000K	70	120	130	124	LXML-PWC1-0120

In addition to its LUXEON Rebel white portfolio, Philips Lumileds offers a broad color portfolio including the recently upgraded red and red-orange, royal blue, blue, cyan, amber, green, and PC amber. The entire LUXEON Rebel portfolio is available directly from Future Lighting Solutions, www.futurelightingsolutions.com.





Ordering of small quantities is available on-line for immediate delivery. Future Lighting Solutions provides design in resources including engineering support, (thermal, lumen maintenance, manufacturing) and prototyping. For new design in projects, please contact your local Future Lighting Solutions representative.

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About Philips Lumileds

[Philips Lumileds](#) is a leading provider of power LEDs for illumination solutions. The company's leading light output, efficacy and thermal management are direct results of the ongoing commitment to advancing solid-state lighting technology and enabling lighting solutions that are more environmentally friendly, help reduce CO₂ emissions and reduce the need for power plant expansion. Philips Lumileds' LUXEON LEDs are enabling new solutions for shop, outdoor, office, school, and home lighting applications.

About Royal Philips Electronics

Royal Philips Electronics of the Netherlands (NYSE: PHG, AEX: PHI) is a diversified health and well-being company, focused on improving people's lives through timely innovations. As a world leader in healthcare, lifestyle and lighting, Philips integrates technologies and design into people-centric solutions, based on fundamental customer insights and the brand promise of "sense and simplicity". Headquartered in the Netherlands, Philips employs more than 116,000 employees in more than 60 countries worldwide. With sales of EUR 23 billion in 2009, the company is a market leader in cardiac care, acute care and home healthcare, energy efficient lighting solutions and new lighting applications, as well as lifestyle products for personal well-being and pleasure with strong leadership positions in flat TV, male shaving and grooming, portable entertainment and oral healthcare.