

Luxium's Breakthrough LED LAMP in a PAR Package Offers New Levels of Control and Performance
Innovative professional-grade LED design for upgrade of existing sockets, border lights and PAR cans

TUALATIN, OR -- Luxium® LLC announces a new generation of high-performance lamps for PAR sockets using high-output RGBW LEDs and standard DMX control. The Luxium® ZR30 LED lamp offers precision lighting with the widest color gamut in the industry and the controllability needed by entertainment and architectural users.

The ZR30 is designed to cover a wide range of applications and can be used as a replacement for PAR38, PAR30, BR30 and BR40 light bulbs to enable existing PAR cans and border light fixtures to be upgraded with state-of-the-art LED color performance. Designed to fit into E26/E27 Edison Base screw-in fixtures the ZR30 features a traditional shape and shatter proof front-plate to retrofit seamlessly with existing lamp installations. The innovative design of the ZR30 looks like a typical PAR30 lamp but housed inside its' rugged and cool-to-touch polymer case is a high-performance light engine with a uniquely configured RGBW mixed LED array for bright and uniform lighting. It includes; industry standard DMX512 control system and reliable RJ45 wiring connections, energy efficient power supply to achieve high lumens/watt performance at all settings, sensors and processing for auto-cal and accurate light output control, specialized diffusion filters for consistent light-wash and various beam-width effects plus a silent cooling system keeping the lamp temperature to a minimum for long life and easy handling.

The Luxium® ZR30 is truly the first full-range LED PAR30 replacement to deliver a no-compromise, high-performance LED lighting solution, outperforming old-style, color-filtered incandescent bulbs.

“We developed the ZR30 to be the world’s best performing LED Lamp for demanding professional and commercial users who want to replace old incandescent bulbs and monochrome filters with an efficient and fully tunable LED bulb,” said Arlie Conner, Luxium founder. “Luxium is committed to delivering the advanced lighting capabilities that designers, directors and lighting professionals expect. The ZR30 was developed so lighting experts won’t have to sacrifice convenience or performance for reliability or affordability.”

The lamp can output over 7,500 LUX at 1 meter and has a power consumption of 15W typical and 25W max. The bulb yields 70 lumens/watt at a balanced-white (full RGBW) output of 1400 lumens - up to 20 times better efficacy than the color-gel filtered incandescent bulbs that it replaces. The ZR30 provides a standard beam of 25 degrees that can be changed to 40, 60 and 80 degrees or a 25 x 60 degree oval with the optional diffuser kit. With the 25 degree medium-wash beam the ZR30 has more luminance than a 150 watt halogen PAR38 bulb with a gel color filter.

The ZR30’s advanced light engine design is tunable and offers a dozen convenient preset colors, three calibrated white-points from cool-white to daylight. It turns on instantly, is fully dimmable and has built-in color cycle patterns easily selected by DIP switch. It features an intelligent auto-cal function for lifetime color consistency and is factory calibrated to 2700, 3000 and 6500K color temperatures, all easily accessed by 4 or 6 channel DMX-over-CAT5. It installs like a traditional PAR30 or PAR38 light bulb but bypasses the old TRIAC dimmer giving full-range brightness control with over 65,000 intensity levels using 16-bit digital processing for smooth and accurate fades and precise settings to any fixture with an E26/27 socket. The light engine uses Luxiums unique PhantomCool technology to maintain low LED temperatures; ensuring a lifespan of more than 50K hours of operation. As part of Luxapel’s commitment to creating superior lighting products with the highest quality, the ZR30 LED lamp is compliant with UL, FCC and EC standards and includes a 3-year limited warranty.

As the first member of the ZR series the ZR30 is destined to make high-performance LED lighting affordable and super-easy-to-use for lighting experts who need a no compromise, modern lighting capability for illumination of stage scenes, retail settings, entertainment venues, houses of worship and display areas. Users can purchase the Luxium ZR30 LED light bulb online today at www.luxium.com/purchase, [on amazon.com](http://on.amazon.com) and at specialty lighting distributors. Visit www.luxium.com to learn more.

Luxium is advancing the performance of LED lighting for professional and commercial settings while creating new and more dynamic capabilities for lighting experts. Luxium® is a registered trademark of Luxium LLC.

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Contact Person

Company Name

Voice Phone Number

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Email Address

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