

Crossroads LED releases a 12,000-lm retrofit LED luminaire for PAR and ellipsoidal stage and theatre fixtures

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Replaces 575 watt incandescent lamps used in PAR and Ellipsoidal fixtures with a 120-watt LED assembly.

Owasso, Oklahoma – CROSSROADS LED has released the latest generation of its patented and award-winning 130-watt “RT-ES4” LED retrofit luminaire. First released in 2013, the new retrofit luminaire for PAR and Ellipsoidal fixtures has an optical output of over 12,000 lumens and is capable of converting any 575W incandescent fixture to LED technology.

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“The ‘RT-ES4’ retrofit luminaire has redefined high power LED technology with its revolutionary performance and reliability,” says Buddy Stefanoff, Crossroads LED Vice President and Sr. Design Engineer. Unlike similar retrofit luminaires available today, the “RT-ES4” utilizes a proprietary thermal management system that provides an expanded temperature operating range of -20°C to 60°C (-2°F to 140°F). This allows the LEDs to run significantly cooler and increases the optical output all while eliminating the need to overdrive the LEDs. Additionally, the retrofits have an “instant response phase dimming” capability and an independently tested L70 rating of over 50,000 hours.

Buddy Stefanoff continues, “These features and capabilities allow facility managers to convert their existing incandescent lighting platforms at a significantly lower cost than being forced to replace their entire light fixture inventory with new and unproven LED light fixtures. We have found that most facilities have already invested a great deal in their lighting infrastructure and our retrofit technology allows them to continue to make the most of this investment while still being able to employ the latest and most efficient LED luminaires.”

An additional feature of the “RT-ES4” is its overall versatile and transferrable design. The luminaire can easily be incorporated into a number of new and existing housing styles, significantly reducing a company’s development costs and time to market while providing a substantial technological advantage over a competitor’s product line.

The CROSSROADS LED “RT-ES4” retrofit stage and theatre luminaires are also available in a compact, 65W, 7000 lumen option for a wide variety of vintage recessed can and house light retrofit applications. No longer is the consumer forced to choose between optical output or energy efficiency. Both aspects, and more, are combined in this industry leading retrofit luminaire.

CROSSROADS LED, LLC, located in Owasso, Oklahoma, is an advanced LED engineering and manufacturing company that utilizes its patented retrofit technology to convert existing and traditional lighting platforms with solid state lighting luminaires for the commercial and industrial lighting markets.

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