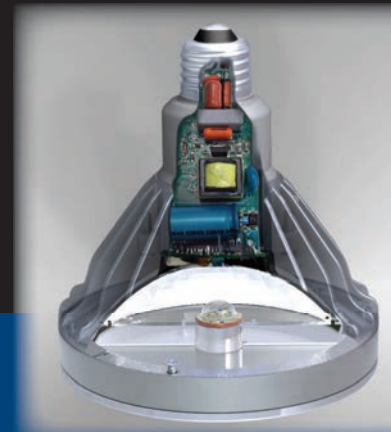


LED PAR38 LAMP

LRP-38™



The first LED lamp that combines the vibrant color of halogen with high efficacy.



CREE
TRUE WHITE
TECHNOLOGY

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CREE
LED Lighting

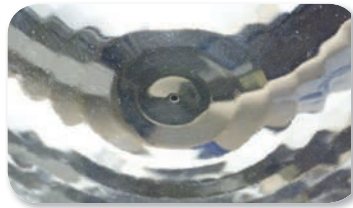
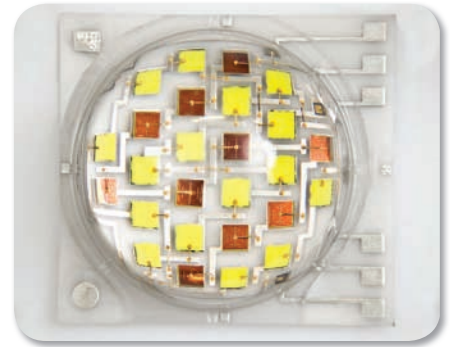
LRP-38™

The first LED lamp that combines the vibrant color of halogen with high efficacy.

World-Changing Technology – The LRP-38 lamp combines numerous technical innovations, including breakthroughs in optical design, electronics design, mechanical design, and thermal management. The core innovation is a new way to generate white light with LEDs.



The technology is elegantly simple, yet incredibly effective. It delivers high efficacy light with beautiful, warm color characteristics by mixing the light from red and yellow LEDs. This approach enables color management to maintain tight color consistency over the life of the product. In addition, the LRP-38 utilizes a revolutionary LED component that miniaturizes the technology into a compact package.



Effective Thermal Management – The long life of an LED product depends on effectively controlling the operating temperature of the LEDs. Employing an integrated thermal management system including heat-pipe technology, the LRP-38 is designed to effectively transfer heat and keep the maximum LED temperature at or below maximum levels — even when installed in a worst case environment.

Unique Optical Approach – The LRP-38 lamp uses a unique optical design, enabling an unprecedented aesthetic. The lamp initially directs the majority of flux to a precisely formed reflector which, in turn, redirects high quality light into a tightly focused beam. This approach allows the majority of light to be delivered to the intended target with minimal waste. The result is a lamp with significant light output and very low surface brightness. The optical design of the LRP-38 lamp lets the observer focus on the illuminant, not the light source.

UNPRECEDENTED BENEFIT AND VALUE



SAVE ENERGY

- 11 Watt input power
- Equivalent to 75W PAR 38

SACRIFICE NOTHING

- 94 CRI at 2700K
- 4800 CBCP with 20° beam angle

REDUCE MAINTENANCE COSTS

- Designed to last up-to 50,000 hours

PROTECT THE ENVIRONMENT

- Long life, energy savings
- No toxic mercury

