

## Cree® LR Series

LED Downlight



# BEST PERFORMANCE BETTER VALUE

### Outstanding Energy Savings

The Cree LR6™ downlight uses up to 89% less energy than the incandescent downlights it replaces and up to 58% less than a compact fluorescent lamp. More cost effective today than ever before, the LR6™ downlight offers payback in less than two years and energy savings for years to come.

### Exceptional Light

This generation of the LR6™ downlight solidifies Cree as the leader in the retrofit downlight space. The LR6™ downlight maintains its best-in-class standards while delivering up to 100 LPW of exceptional color quality with CRI of >90 and R9 value >50. In addition to exceptional efficiency and color quality, the LR Series delivers an industry leading 10 year limited warranty for years of beautiful bright light.

### Remarkably Simple Retrofit


The LR Series is a simple-to-install retrofit that installs into most existing 6" cans and is easily secured, with the use of Cree's patented Flip-Clip technology, into IC and non-IC housings. The LR Series is also perfect for new construction applications in both recessed or pendant mounting options.

**CREE** 

## UNPARALLELED PERFORMANCE. UNMATCHED VALUE.

The LR6™ downlight is an unparalleled combination of light quality and efficacy—bringing outstanding performance and value to the retrofit downlight space. Delivering up to 1800 lumens of exceptional 90+ CRI light while achieving up to 100 lumens per watt, this breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology, with an integrated driver and thermal management design. The LR6™ downlight is available in warm or neutral color temperatures, three lumen packages, and offers a variety of trim options.

PERFORMANCE SUMMARY
Utilizes Cree TrueWhite® Technology
<b>Initial Delivered Lumens:</b> 650-1800 lumens
<b>Input Power:</b> 7.5-22 watts
<b>CRI:</b> 90
<b>CCT:</b> 2700K, 3500K or 4000K
<b>Limited Warranty:</b> 10 years*
<b>Lifetime:</b> Designed to last 50,000 hours

CREE TRUEWHITE® TECHNOLOGY	
	<p>Cree TrueWhite® Technology delivers an exclusive combination of industry-leading efficacy (up to 150 lumens per watt) and 90+ CRI to lighting applications. Featuring high R9 values, spaces are brighter and colors are more vivid under beautiful white light- all while offering significant energy savings compared to traditional technologies.</p>

APPLICATIONS
<p><b>Retrofit</b> Outstanding retrofit that fits a variety of needs. The LR6™ 1800 lumen option offers 100 LPW and works with 120V and 277V input power, which makes it ideal for small facility, commercial and industrial applications.</p>
<p><b>Applications:</b> Airports, municipal, school &amp; university, corporate campus, restaurant &amp; hospitality, retail &amp; grocery, government, petroleum</p>


\*See [www.cree.com/lighting](http://www.cree.com/lighting) for warranty terms.

\*\*Visit [www.cree.com/lighting](http://www.cree.com/lighting) for recommended dimming control options.



TRIMS	
Trim Kits are available in six standard color options.	
<p><b>LT6A-DR</b> Diffuse anodized reflector w/white flange</p>	<p><b>LT6AB-DR</b> Black anodized reflector w/white flange</p>
<p><b>LT6AW-DR</b> Wheat diffuse anodized reflector w/white flange</p>	<p><b>LT6WH-DR</b> Smooth white painted reflector/flange</p>
<p><b>LT6AP-DR</b> Pewter diffuse anodized reflector w/white flange</p>	<p><b>LT6BB-DR</b> Flat black reflector/flange</p>

Visit [www.cree.com/lighting](http://www.cree.com/lighting) or contact a Cree lighting representative to learn more

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