

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
Initial Delivered Lumens: 650-1800 lumens
Input Power: 7.5-22 watts
CRI: 90
CCT: 2700K, 3500K or 4000K
Limited Warranty: 10 years*
Lifetime: 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>Retrofit 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>Applications: Airports, municipal, school & university, corporate campus, restaurant & hospitality, retail & grocery, government, petroleum</p>




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