

## 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



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.

### APPLICATIONS

#### 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.

#### Applications:

Airports, municipal, school & university, corporate campus, restaurant & hospitality, retail & grocery, government, petroleum



### TRIMS

Trim Kits are available in six standard color options.

**LT6A-DR**  
Diffuse anodized reflector  
w/white flange

**LT6AW-DR**  
Wheat diffuse anodized  
reflector  
w/white flange

**LT6AP-DR**  
Pewter diffuse  
anodized reflector  
w/white flange

**LT6AB-DR**  
Black anodized reflector  
w/white flange

**LT6WH-DR**  
Smooth white painted  
reflector/flange

**LT6BB-DR**  
Flat black reflector/flange

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

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

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

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