



# LED DOWNLIGHT SELECTION GUIDE

Find the optimal LED solution for your space.

**CREE** 

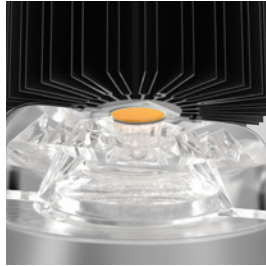
# Proven Performance and Superior Value

The innovative technologies that make up Cree products have revolutionized the lighting industry by making high-quality, sustainable LED lighting affordable and available to all. With this advantage, we remain at the forefront today, dedicated to developing new LED lighting solutions that improve both our customers' spaces and their bottom lines, and all backed by an incredible warranty.

## Cree WaveMax™ Technology

Cree WaveMax™ Technology delivers superior value and performance resulting in an unmatched user experience by distributing visually comfortable high quality light with unmatched uniformity, efficiency, control and appeal.

*Applies to KR8™ downlights only*



**CREE**   
WAVEMAX™ TECHNOLOGY

## Cree SmartCast® Technology

Luminaires enabled with Cree SmartCast® Technology minimize the complex setup of today's lighting control systems and enable energy-efficient, code-compliant buildings.

*Applies to KR4™ and KR6™ downlights only*



**CREE**   
SMARTCAST® TECHNOLOGY

## 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.

Shows Colors True and Natural\*











Cree TrueWhite® Technology

CFL

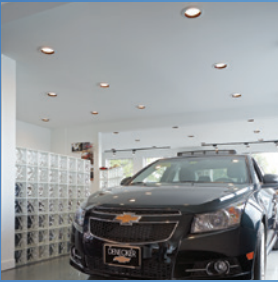
**CREE**   
**TRUE WHITE**  
TECHNOLOGY

\* Photos enhanced to display color difference in printing.

# Four Options Based on Application and Preference

SPECIFICATION	Series	Size	Watts	Lumens	Efficacy (LPW)	Ceiling Height	Color Temp (CCT)	Cree TrueWhite® Color Quality (CRI)	Cree WaveMax™	Voltage	Damp Rated	Limited Warranty (Years)	Controls							
													Enhanced		Basic					
													SmartCast®	Sunset Dimming	0-10V Dimming	Forward Phase (Triac) and Reverse Phase Dimming				
 <p><b>KR Series LED Downlight</b></p> <p>Best-in-class 90+ CRI color quality with efficacies up to 77 lumens per watt. Multiple apertures, lumen packages, CCT, dimming and control options deliver optimal versatility for any application.</p> 	<b>KR8™</b>	8-inch	78-118W	1250 2000	Up to 77	Up to 40'	2700K	90	●	120V, 277V, 347V	●	10	●		1%					
	<b>KR6™</b>	6-inch	13-87W	3000 4000		Up to 20'	3000K 3500K										●	2700K to 1800K	10%	5%
	<b>KR4™</b>	4-inch	13-44W	6000 8000		Up to 20'	4000K													
 <p><b>LR Series LED Downlight</b></p> <p>Delivers exceptional 90+ CRI light quality and efficacy up to 100 lumens per watt to maximize energy savings for commercial applications.</p> 	<b>LR6™</b>	6-inch	7.5-22W	650 1050 1800	Up to 100	Up to 16'	2700K 3500K 4000K	90		120V, 277V	●	10			5%	●				
	 <p><b>CR Series LED Downlight</b></p> <p>Provides energy savings and beautiful illumination with 90+ CRI, multiple CCTs and both E26 and GU base types for light-commercial applications.</p> 	<b>CR6™</b>	6-inch	9.5-12W	625 800	Up to 65	Up to 12'	2700K 3000K	90		120V	●	5			5%	●			
		<b>CR4™</b>	4-inch	9.5W	575*		Up to 12'	3500K 4000K								●	5%	●		
 <p><b>DR Series LED Downlight</b></p> <p>Easily retrofits outdated incandescent recessed downlights at a low initial cost.</p> 	<b>DR6™</b>	6-inch	12.5W	625	Up to 50	Up to 12'	2700K	90		120V	●	5			5%				●	
	<b>DR4™</b>	4-inch	11.5W	575		Up to 12'									●	5%	●			

Refer to product specification sheet for individual product details.



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

© 2015 Cree, Inc. All rights reserved. For informational purposes only. Not a warranty or specification. See [www.cree.com/lighting](http://www.cree.com/lighting) for warranty and specifications. Cree®, TrueWhite®, Cree TrueWhite® and SmartCast® are registered trademarks and the Cree logo, the Cree TrueWhite Technology logo and WaveMax™ are trademarks of Cree, Inc. Energy Star® and the Energy Star logo is a registered trademark of the U.S. EPA. CAT/CSJ-C007

Rev. Date 09/23/2015

**CREE** 