

Cree® LR Series

LR22™ LED Architectural Troffer



A TROFFER DESIGN SO QUIET YOUR CEILINGS WILL WHISPER ABOUT IT FOR DECADES

Inspired Design

The LR22™ LED architectural troffer has a sleek, flat panel design with a recessed lens providing a more luminous surface that blends seamlessly into any ceiling and creating a smooth look that offers a beautifully soft, balanced light without the glare.

Remarkable Performance That's Truly Affordable

Priced to deliver the shortest payback time of less than 2.5 years when compared to (2) 32W U-bent 2x2 luminaires, the LR22 LED troffer is a no-compromise architectural luminaire that reduces energy consumption up to 40% and eliminates up to 3 maintenance cycles throughout its 10-year limited warranty.

Unrivaled Color Quality & Efficiency

Engineered with Cree TrueWhite® Technology, the Cree LR22 LED troffer delivers 100 lumens per watt of stunning 90 CRI light with unparalleled lifetime color consistency to improve the aesthetics of any space.

Ultimate Flexibility

Delivering 0-10V dimming standard, the LR Series can drastically reduce wattage per square foot, allowing more design freedom to meet LEED requirements. In addition, the ultra-thin 3.6" form factor allows the LR22 LED troffer to fit into almost any plenum space, opening up application opportunities in both healthcare and education.

Cree® LR22 LED Troffer

The architecturally designed recessed flat panel of the LR22™ LED troffer blends seamlessly into any ceiling and offers soft, smooth, fully-luminous light, creating a quiet ceiling that keeps spaces bright and vibrant. The innovatively thin 3.6" depth of the LR22 LED troffer easily accommodates narrow plenums and is ideal for both retrofit and new construction. The LR22 LED troffer delivers 3400 lumens of exceptional 90 CRI light while achieving an efficacious 100 lumens per watt. This breakthrough performance is achieved by combining the high efficacy and high-quality light of Cree TrueWhite® Technology. Delivering 0-10V continuous dimming on every luminaire allows for further energy savings when utilized for even faster payback.

Performance Summary
Cree TrueWhite® Technology
Efficacy: 100 LPW
Delivered Light Output: 3400 lumens
Input Power: 34 watts
CRI: 90
CCT: 3500K or 4000K
Input Voltage: 120-277V, 50/60Hz
Lifetime: Designed to last for 75,000 hours L70 @ 25°C
Limited Warranty: 10 years*
Controls: Continuous dimming to 5% with 0-10V controls**
Mounting: Recessed

Construction & Materials

Controls

* See www.cree.com/lighting for warranty terms.

** Visit www.cree.com/lighting for recommended dimming control options.

Applications
 <p>Corporate Campus Cree® fixtures create appealing visual environments to help impress visitors and enable employees. Clean lines and balanced light distribution promote greater employee productivity while attractive pricing and impressive energy and maintenance savings color the bottom line green.</p>
 <p>Education Cree® LED lighting provides classrooms with exceptional clarity and consistent full-spectrum lighting without the flicker and glare to help minimize fatigue, encourage alertness and help students read and take notes with ease.</p>
 <p>Healthcare Soft, balanced lighting fosters a restful treatment and recovery environment. Efficient, dimmable and available in a variety of colors, Cree LED lighting produces a tranquil environment with quiet ceilings that provide a calm, soothing atmosphere for both patients and families.</p>
 <p>Retail/Petroleum Cree LED lighting helps attract customers inside and out. The exceptional color quality of Cree TrueWhite® Technology plays a critical role in shaping consumer moods and influencing buying decisions by creating an appealing sales floor and ensuring your merchandise is always rich and colorful.</p>

Visit www.cree.com/lighting or contact a Cree lighting representative to learn more.

info@cree.com | 800.236.6800

© 2015 Cree, Inc. All rights reserved. For informational purposes only. Not a warranty or specification. See www.cree.com/lighting for warranty and specifications. Cree®, the Cree logo, Cree TrueWhite®, TrueWhite® and the Cree TrueWhite Technology logo are registered trademarks, and LR22™ is a trademark of Cree, Inc. CAT/SSHT-C048

