

Cree® ZR-FD High Efficiency Series

LED Troffer

DELIVERING BETTER LIGHT THROUGH LEADING-EDGE ENERGY EFFICIENCY



Outstanding Efficiency

Offering class-leading performance of 130 LPW for maximum energy savings, the ZR-FD High Efficiency Series troffer uses up to 60% less energy than similar fluorescent solutions and delivers the industry's leading combination of competitive upfront cost and ultra low operational costs over the life of the fixture.

Exceptional Performance

With DLC Premium 4.1 certification, continuous dimming to 5 percent and a 10-year warranty – twice that of the competition, the energy saving ZR-FD High Efficiency Series troffer offers the potential to maximize your energy rebates, and is compliant with CA Title 24 as well as most nationwide energy codes.

Better Light Changes Everything

The ZR-FD High Efficiency Series is a commercial spec-grade troffer delivering better light through extraordinary energy efficiency. Available with a matte finish, the ZR-FD High Efficiency Series troffer offers enhanced aesthetics at a remarkable price for a typical payback of less than two years.

CREE  TM

ZR-FD HIGH EFFICIENCY SERIES LED TROFFER

Cree puts an end to energy-sapping troffers with a luminaire destined to send more fluorescent fixtures down the tubes. The ZR-FD High Efficiency Series is a commercial spec-grade LED troffer delivering superior energy efficiency of 130 lumens per watt for maximum energy savings. In addition to industry-leading energy efficiency, the ZR-FD High Efficiency Series troffer creates a soft, comfortable lighting experience by utilizing a matte finish design which reduces glare and enables perfect vertical and horizontal light distribution. Dimming to 5% comes standard, which further reduces the watts per square foot and improves the bottom line.

PERFORMANCE SUMMARY

Efficacy: 130 LPW

Delivered Light Output: 3200 to 5000 lumen options

Input Power: 25 to 38 watts

CRI: 80+ CRI

CCT: 3500K, 4000K or 5000K

Input Voltage: 120-277 VAC

Lifetime: Designed to last from 100,000 hours L70 @ 35° C

Limited Warranty: 10 years†

Mounting: Recessed

CONTROLS

- Cree SmartCast® Technology-capable for enhanced energy savings with simple installation
- Continuous dimming to 5% with 0-10V controls comes standard*
- For use with Class 2 dimming systems only; reference www.cree.com/Lighting/Products/Indoor/Troffers/ZR-Series for recommended dimming controls and wiring diagrams

REGULATORY & VOLUNTARY QUALIFICATIONS

- DLC Premium 4.1
- cULus listed
- Suitable for damp locations
- Designed for indoor use
- UL924 (EB option)
- RoHS compliant. Consult factory for additional details
- Meets FCC Part 15, Subpart B, Class A standards for conducted and radiated emissions

APPLICATIONS



Corporate Campus

Cree® energy-efficient 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.



Education

Energy-efficient 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 learn with ease.



Healthcare

Doctors and nurses must have clear, bright light with superior color rendering for accurate patient assessment. Energy-saving Cree® LED lighting promotes better visibility in diagnostic and clinical areas, enabling staff to perform more accurate evaluations and provide more efficient treatment.

Product specifications subject to change at any time

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

† See lighting.cree.com/warranty for warranty terms

ZR-FD High Efficiency Series Troffers



ZR22FD™ - 2' x 2'
LED Troffer



ZR14FD™ - 1' x 4'
LED Troffer



ZR24FD™ - 2' x 4'
LED Troffer

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

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