

# Cree® ZR Series

LED Troffer



## EXCEPTIONAL PERFORMANCE AT AN UNEXPECTED PRICE

### Exceptional Performance

Engineered with Cree TrueWhite® Technology, this fixture delivers 90 CRI and superior color saturation, enhancing the look of any space.

### Versatile Design & Aesthetics

Exceptional combination of brilliant light and enhanced aesthetics at a remarkable price, all backed by the Cree 10-year limited warranty.

### Flexible Mounting Options

With an ultra-thin 3.9" height and lightweight design, the ZR Series troffer effectively targets a broad range of plenum spaces.

### Long-Term Value

With continuous 0-10V dimming or SmartCast® Technology and up to 150 LPW efficacy, the ZR Series troffer complies with CA Title 24 as well as most nationwide energy codes.

**CREE** ™

## ZR SERIES LED TROFFER

The ZR Series LED troffer portfolio offers 2x2, 1x4 and 2x4 options targeted for both new construction and renovation. The ZR Series troffer delivers up to 5000 lumens of 90 CRI color quality with a pleasing aesthetic look and includes 0-10V dimming with optional SmartCast® Technology and up to 150 lumens per watt, which increases energy savings and helps meet local energy codes. The ZR Series troffer embodies a breakthrough in balancing energy savings, visual comfort and payback.

### PERFORMANCE SUMMARY

Cree TrueWhite® Technology or available in 80+ CRI\*

**Efficacy:** 90 - 150 LPW\*\*

**Delivered Light Output:** 3200 to 5000 lumen options

**Input Power:** 21 to 45 watts

**CRI:** 90

**CCT:** 3500, 4000K or 5000K\*\*\*

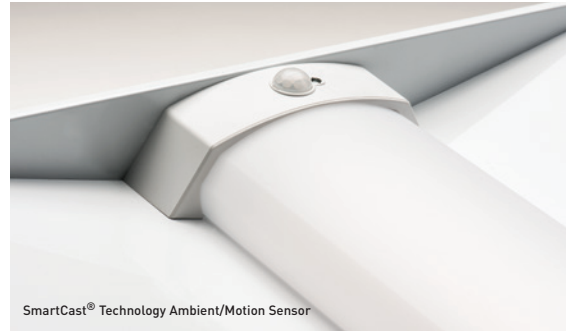
**Input Voltage:** 120-277 VAC or 347 VAC

**Lifetime:** Designed to last from 75,000 hours L70 (standard), 100,000 hours L70 (HE)

**Limited Warranty:** 10 years (5 years with SmartCast® Technology)†

**Controls:** 0-10V (standard); SmartCast® Technology (optional)\*\*\*\*

**Mounting:** Recessed



SmartCast® Technology Ambient/Motion Sensor



SmartCast® Technology Module and Driver

### CONSTRUCTION & MATERIALS

- Durable cold rolled steel housing provides strength and uniformity
- Ultra-thin 3.9" fixture height and lightweight design effectively target a broad range of plenum spaces and allow for easy installations
- Fixture is pre-painted for enhanced smooth finish
- Provided t-bar clips and holes for mounting support wires enable recessed or suspended installation
- Fixture sides and ends are hemmed in for safe, easy handling

### REGULATORY & VOLUNTARY QUALIFICATIONS

- UL924 (EB option)
- cULus listed
- Suitable for damp locations
- Designed for indoor use
- DLC qualified on standard 90 LPW ZR Series troffers; please refer to <http://www.designlights.org/QPL> for most current information

### CONTROLS

- 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](http://www.cree.com/Lighting/Products/Indoor/Troffers/ZR-Series) for recommended dimming controls and wiring diagrams
- Cree SmartCast® Technology (optional)



ZR22™ - 2' x 2'  
LED Troffer

ZR14™ - 1' x 4'  
LED Troffer

ZR24™ - 2' x 4'  
LED Troffer

Product specifications subject to change at any time

\*Only available on 50L 40K or 50L 50K types

\*\*150 LPW only available in ZR22 32L or ZR24 40L

\*\*\*Only available on 50L types

Not available in 50L types

†See [www.cree.com/lighting](http://www.cree.com/lighting) for warranty terms

