

XRT22 LED 2X2 & XRT14 LED 1X4 Recessed Troffers



Marketing Positioning Statement

The XRT22 and XRT14 Recessed Troffers are energy efficient, environmentally friendly LED light sources ideal for replacing existing office overhead fluorescent lighting. Utilizing die-formed steel housings with proprietary impact-resistant high-diffusion opal lenses, the XRT22 and XRT14 blend the quality features of LSI's traditional fluorescent troffers with innovative Crossover LED technology providing tremendous lighting at a great value.

Leading Selling Features

- ❑ Proprietary Thermal Management System
 - ❑ Outstanding Uniformity & Visual Comfort
 - ❑ Unparalleled Speed & Ease of Installation
 - ❑ Selection of Light Output Options
 - ❑ Exceptional Reliability in a Recessed Troffer
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Proprietary Thermal Management System

Thermal Management

Architecture designed to maximize surface area improving distribution and exchange of heat to surroundings
Over temperature protection

Outstanding Uniformity & Visual Comfort

Unmatched Lighting Performance

Creates a brighter environment at lower light levels
Unmatched lighting performance in a recessed troffer

Lens

Proprietary, high-diffusion opal lens
Made from impact resistant acrylic
Eliminates visibility of individual LED's
Provides high vertical illumination and visual comfort

Lumen Output

Choice of 3850 or 4700 lumens (nominal) for XRT22
Choice of 3500 or 4350 lumens (nominal) for XRT14
Provides a choice for customer's specific requirements

	LIGHT OUTPUT - XRT	
	Lumens (Nominal)	
	2X2	1X4
300mA	3850	3500
400mA	4700	4350

Unparalleled Speed & Ease of Installation

Mounting

Unit simply lifts through grid ceiling and rests on T-bars

Quick-Mount Feature

Wiring access/strain relief plate attaches with only one screw – allows connections to be made from below the ceiling

Door Assembly

Unique door and housing assembly enables access to and connections to be made from below ceiling

Maintenance-Free

Once installed, XRT22 and XRT14 are virtually maintenance free

Selection of Light Output Options

Photometrics

LM79 & LM80 reports available
Application assistance available on request

48 LED Array

50 or 66 watt choice
LED's are intimately attached to housing
for cool operation and long life



Two Drive Currents

300mA and 400mA available
Expands available solutions for customer specific applications
300mA is the most energy efficient, while 400mA drive current can be utilized to drive for greater lumen output

Color Rendering Index

CRI >70 facilitates recognition of specific colors of various objects

Color Temperature

Available in cool white 5000K for a cooler, crisper color temperature

Temperature Range

-40°C to +50°C (-40°F to 122°F)
Suitable for use in a wide range of ambient temperatures
Fixture performance maximized within this range

Input Voltage

Available with 120V – 240V input voltage

Exceptional Reliability in a Recessed Troffer

Environmentally Friendly

With exceptional “green” technology, XRT22 and XRT14 are RoHS/WEEE compliant
Meets ARRA requirements
Luminaire is comprised of 80% or greater recyclable materials

Attractive/clean styling

Flush mount with tile's grid for clean, uninterrupted ceiling
Performance, energy efficiency and maintenance benefits of LED in a low profile housing with contemporary architectural lines
High-diffusion opal lens eliminates bright spots from individual LED's

Driver

Driver rated for IP65 through IP67 Ingress Protection
Mounted inside housing – no external driver box

Housing	Formed code-gauge steel housing painted after fabrication Integral NEC-compliant earthquake clips are standard 5" deep housing eliminates diode shadowing
Door	Die-formed post-painted steel door with positive cam latches Provides easy access to LED's, driver and wiring connections from below ceiling
Hardware	Primarily stainless steel mounting hardware for robustness and corrosion resistance
Finish	All metal parts painted after fabrication following treatment with phosphate rust inhibitor High-reflectance (minimum 92%) polyester powder finish coating of housing reflecting surfaces
Long-Life	60,000 to 100,000 hours of expected life 100,000 hours equates to 11.4 years burning 24/7, 365 3 - 4 X the lamp life expectancy of Linear Fluorescent Once installed, XRT22 and XRT14 are virtually maintenance free
Listing	ETL listed to UL 1598 and UL8750
Warranty	Limited 5-year warranty



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