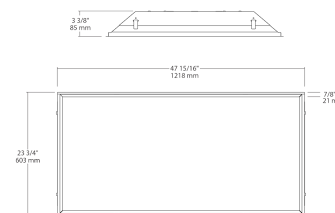# TRLED2X4-50YN/D10/E

LED performance in an economical 2x4 troffer. Includes emergency battery backup that will operate the LED lamp for 90 minutes if power fails.

Color: White   Weight: 15.5 lbs

LED Info

Watts:	50W
Color Temp:	3500K
Color Accuracy:	84
L70 Lifespan:	100000
LM79 Lumens:	4432
Efficacy:	89 LPW

Driver Info

Type:	Constant Current
120V:	0.42A
208V:	0.25A
240V:	0.22A
277V:	0.19A
Input Watts:	50W
Efficiency:	100%

Technical Specifications

TRLED2X4-50 with Battery Backup:
Battery backup will operate the LED lamp for 90 minutes if power fails. Wired for 120-277V.

TRLED2X4-50 with Dimmable Driver:
Driver includes dimming control for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims as low as 5%.

UL Listing:
Suitable for damp locations

IC Rating:
Suitable for insulated ceilings

LEDs:
Long-life, high-efficiency, micro-power, surface mount LEDs; binned and mixed for uniform light output and color.

Lifespan:
100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Driver:
Constant Current, Class 2, 4-channel driver with 0-10V dimming, 450mA, 120-277VAC 0.55A, Power Factor >92%

THD:
11.1% at 120V, 13.4% at 277V

Lens:
Nominal .125" thick prismatic acrylic lens with diffusion for enhanced optical performance

Housing:
Die-formed 22 gauge, cold-rolled steel

Installation:
Standard integral earthquake and NEC T-bar clips secure the fixture to T-bars and prevent T-system separation.

Color Stability:
LED Color temperature is warrantied to shift no more than 200K in CCT over a 5 year period.

Finish:
High-reflectance (91%) powder coat applied post production for a more durable finish

IESNA LM-79 & LM-80 Testing:
RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

California Title 24:
TRLED2X4-50YN/D10 complies with 2013 California Title 24 building and electrical codes as a commercial indoor fixture for general spaces when used with a vacancy sensor and 0-10V dimming control. Select a vacancy sensor using catalog number LVS800. 0-10V dimmer provided by others.

Green Technology:
Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

DLC Listed:
This product is on the Design Lights Consortium (DLC) Qualified Products List and is eligible for rebates from DLC Member Utilities.

TRLED2X4-50YN/D10/E - continued

Country of Origin:
Designed by RAB in New Jersey and assembled in the USA by RAB's IBEW Local 3 workers.

Buy American Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Buy American Act.

Recovery Act (ARRA) Compliant:
This product complies with the 52.225-21 "Required Use of American Iron, Steel, and Manufactured Goods-- Buy American Act-- Construction Materials (October 2010).

Trade Agreements Act Compliant:
This product is a COTS item manufactured in the United States, and is compliant with the Trade Agreements Act.

GSA Schedule:
Suitable in accordance with FAR Subpart 25.4.

RAB
LIGHTING