

SPECIFICATION SHEET



APPLICATIONS

FIELD ADJUSTABLE VOLUMETRIC LED TROFFER delivers industry-leading versatility with deep energy savings and continuous dimming. The precision-formed diffuser produces comfortable and pleasant illumination, enhancing productive spaces in various applications. Provides architectural aesthetics for healthcare, offices, retail, schools, and other various commercial applications.

SPECIFICATION FEATURES

CONSTRUCTION

Simple construction with minimal parts allows for easy handling and installation. Low profile design optimizes shipping, storage, and handling. Luminaire features matte white durable finish. Integral T-Bar clips built into luminaire. Diffuser requires no additional frame or fastener for easy installation.

ELECTRICAL

Luminaire utilizes high-efficacy LED packages maintained at cool temperatures for long life, high efficacy. Reliable driver features continuous dimming. Universal voltage (120-277V) for convenient installation. Comes equipped with luminaire quick-disconnect.

OPTICAL SYSTEM

Reflector systems features highly reflective coating and delivers balanced, comfortable illuminance for productive spaces. Diffuser lens reduces glare and improves occupant comfort while maintaining high efficiency emission.

INSTALLATION AND MOUNTING

Installs in most standard T-Bar ceiling grid systems. Flange kit available for hard-lid/drywall applications.

FIELD ADJUSTABLE CCT / WATTAGE

Increased versatility and reduced inventory burden. Wattage and Color Temp. can be adjusted in the field by selecting (3) different wattages and (3) different CCTs via switch on driver box

CONTROLS AND DIMMING

Continuous dimming (0-10V) comes standard. Suitable for use with dimmers, sensors, daylight harvesting and other control strategies to achieve deeper energy-savings and code compliance.

CERTIFICATION AND WARRANTY

UL Listed. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium QPL. 7-year limited warranty.



Ordering Example: rAO-22-TW-TK-DIM

Product Series: rAO

FORM FACTOR	WATTAGE	CCT	VOLTAGE	DIMMING	EMERGENCY BACKUP	CONTROLS
22= 2'x2' Volumetric LED Troffer - Center Diffuser 24= 2'x4' Volumetric LED Troffer - Center Diffuser	TW= Tunable Wattage 2x2= 20W/25W/30W 2x4= 25W/30W/34W	TK= Tunable Color Temperature 3500K/4000K/5000K	[Blank]= 120-277V	DIM= 0-10V Continuous Dimming	[Blank]= No Emergency Backup EM07=700lm EM14=1400lm	[Blank]= No Control OSDL/BT= Wireless Bluetooth Occupancy Sensor WLC/BT= Wireless Bluetooth Lighting Control Node

TECHNICAL PARAMETERS

Fixture	rAO-22-TW-TK-DIM								
Input Voltage (AC)	120V-277V								
Input Frequency	50/60 Hz								
Rated Wattage	30W	25W	20W	30W	25W	20W	30W	25W	20W
Delivered Lumens	3,750lm	3,250lm	2,268lm	3,780lm	3,275lm	2,660lm	3,810lm	3,300lm	2,680lm
Efficacy	125lm/W	130lm/W	132lm/W	126lm/W	131lm/W	133lm/W	127lm/W	132lm/W	134lm/W
CCT¹	3500K			4000K			5000K		
CRI	82+, R9 > 0								
Color Consistency²	5-step MacAdam Ellipse								
Lifespan (Hours)	75,000								
L70³	>72 Hours								
Power Factor	>0.9								
THD	<20%								
Dimming	0-10V Continuous (10-100%)								
Operating Temperature	-20°C to 50°C								

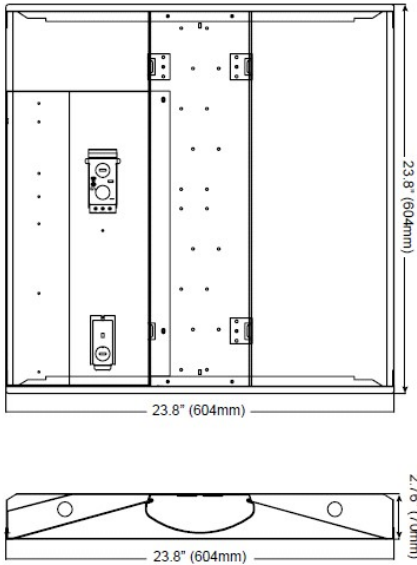
Fixture	rAO-24-TW-TK-DIM								
Input Voltage (AC)	120V-277V								
Input Frequency	50/60 Hz								
Rated Wattage	34W	30W	25W	34W	30W	25W	34W	30W	25W
Delivered Lumens	4,284lm	3,900lm	3,350lm	4,318lm	3,930lm	3,375lm	4,352lm	3,960lm	3,400lm
Efficacy	126lm/W	130lm/W	134lm/W	127lm/W	131lm/W	135lm/W	128lm/W	132lm/W	136lm/W
CCT¹	3500K			4000K			5000K		
CRI	82+, R9 > 0								
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NOTES:

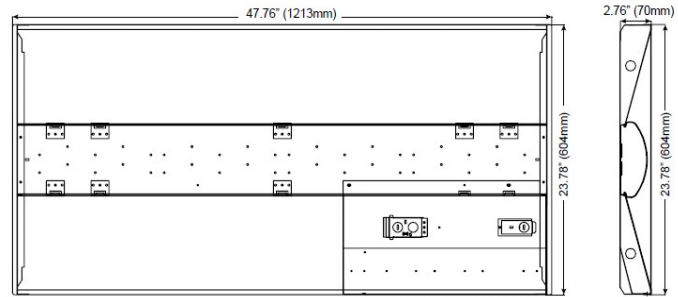
1. Quick ship: 4000K. Other CCTs may require a lead time or be special order
2. Typical color consistency. May vary or be changed.
3. L70 hours calculated based on LED package manufacturer LM80 report and ISTMT report of LED in luminaire. Stated values are for select catalog numbers.

PRODUCT DIMENSIONS

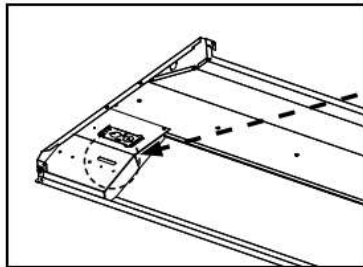
VOLUMETRIC 2X2 TROFFER



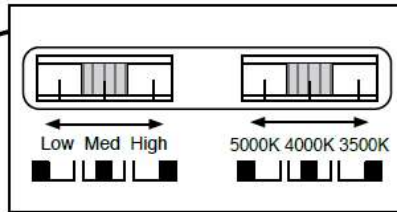
VOLUMETRIC 2X4 TROFFER



FIELD-ADJUSTABLE WATTAGE & CCT



Wattage and color temp. adjustable via switches on the driver box.



LIGHTING CONTROLS



Wireless Bluetooth Occupancy Sensor
Model: OSDL/BT



Enocan BLE Dimmer Switch
Model: EDRPB



Wireless Bluetooth Lighting Control Node
Model: WLC/BT