



SPECIFICATION SHEET



APPLICATIONS

FIELD ADJUSTABLE TROFFER RETROFIT KIT delivers industry-leading versatility with deep energy savings and continuous dimming. The retrofit kit eliminates the need to replace existing luminaire housing, which reduces install time, and disposal/removal costs. Increased versatility and reduced inventory burden. Excellent for general utility applications: healthcare, offices, retail, schools, and other various commercial applications.

SPECIFICATION FEATURES

CONSTRUCTION

Simple construction with minimal parts allows for easy handling and installation. Luminaire features matte white durable finish.

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). Comes equipped with luminaire quick-disconnect

OPTICAL SYSTEM

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

INSTALLATION AND MOUNTING

Installs in most troffer luminaires. Retrofit kit fits within troffer and ceiling T-bar grid, eliminating need to remove existing fixture housing.

FIELD ADJUSTABLE CCT / WATTAGE

Color temperature can be adjusted in the field by selecting (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 Classified. All components have UL certification. UL Class 2. Driver: SCP, OTP, OVP protection, FCC Part 15 Class B, UL8750 Class 2. DLC Premium. 7-year limited warranty.



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

Product Series: rAO

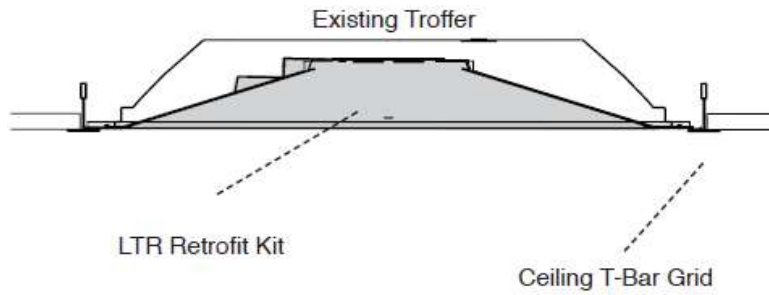
FORM FACTOR	WATTAGE	CCT	VOLTAGE	DIMMING	EMERGENCY BACKUP	DESIGN	CONTROLS
22RF=2'x2' Troffer Retrofit Kit	TW=Tunable Wattage	TK=Tunable Color Temperature	[Blank]=120-277V	DIM=0-10V Continuous Dimming	[Blank]=No Emergency Backup EM07=700lm EM14=1400lm	HD= Hinged Door Design	[Blank]=No Control OSDL/BT=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

TECHNICAL PARAMETERS

Fixture	rAO-22RF-TW-TK-DIM									
Input Voltage (AC)	120V-277V									
Input Frequency	50/60 Hz									
Rated Wattage	20W	25W	30W	20W	25W	30W	20W	25W	30W	
Delivered Lumens	2,800lm	3,400lm	3,930lm	3,020lm	3,675lm	4,260lm	2,880lm	3,500lm	4,050lm	
Efficacy	140lm/W	136lm/W	131lm/W	151lm/W	147lm/W	142lm/W	144lm/W	140lm/W	135lm/W	
CCT ¹	3500K	3500K	3500K	4000K	4000K	4000K	5000K	5000K	5000K	
CRI	83+, R9 > 0									
Lifespan (Hours)	75,000									
Color Consistency ²	5-step MacAdam Ellipse									
L70 ³	>54 Hours									
Power Factor	>0.9									
THD	<20%									
Dimming	0-10V Continuous (10-100%)									
Operating Temperature	-20°C to 50°C									

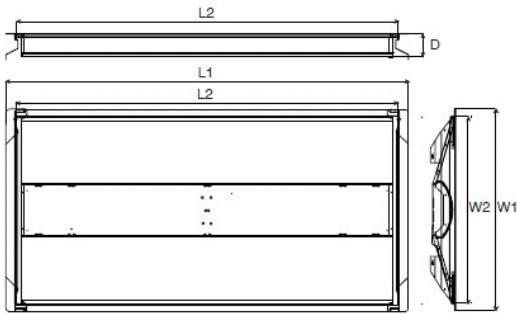
Fixture	rAO-24RF-TW-TK-DIM									
Input Voltage (AC)	120V-277V									
Input Frequency	50/60 Hz									
Rated Wattage	25W	30W	34W	25W	30W	34W	25W	30W	34W	
Delivered Lumens	3,475lm	4,080lm	4,556lm	3,775lm	4,440lm	4,964lm	3,525lm	4,140lm	4,624lm	
Efficacy	139lm/W	136lm/W	134lm/W	151lm/W	148lm/W	146lm/W	141lm/W	138lm/W	136lm/W	
CCT ¹	3500K	3500K	3500K	4000K	4000K	4000K	5000K	5000K	5000K	
CRI	83+, R9 > 0									
Lifespan (Hours)	75,000									
Color Consistency ²	5-step MacAdam Ellipse									
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MOUNTING INFORMATION



PRODUCT DIMENSIONS

HINGED DOOR DESIGN



PRODUCT	L1	L2	W1	W2	D
2'x2' Fixture	23.9" (606mm)	22.1" (562mm)	23.9" (606mm)	22.1" (562mm)	3.1" (78.4mm)
2'x4' Fixture	47.8" (1,214mm)	45.4" (1,153mm)	23.9" (606mm)	22.1" (562mm)	3.1" (78.4mm)