



## ADVANCED G4 Troffer Retrofit Door Kits

### DESCRIPTION

Jaykal's G4TRF has the unique property of being a toolless design. The retrofit kit can be assembled utilizing four twist lock connectors, available in 1X4, 2X2 and 2X4 sizes with multiple wattage range options. The sensor ready design provides simple plug-in control for advanced control applications. The identical matching components allows contractor packaging for high capacity pallet shipping. A great modernization of existing fluorescent fixtures.

### FEATURES

- Wattage Options: Vari-Watt Driver Standard
- Vari-Watt EM Driver Option
- CCT Options: 3000K/3500K/4000K/5000K
- Optional Occupancy/Bi-Level Dimming Controls
- Optional Enlighted Sensor Provides Independent, Connected or IoT Node Levels of Control and Building Automation
- TAA/BAA Compliant Available



ETL CLASSIFIED



Revised 1/26/2026

*Specifications are typical values and may change without notification*



## SPECIFICATIONS TABLE

VW DRIVER	M1						M2						M3					
VW PRESETS	7W	9W	10W	11W	12W	15W	18W	20W	22W	24W	27W	30W	33W	36W	40W	44W	50W	55W
HE (150LM/W)	1,050	1,350	1,500	1,650	1,800	2,250	2,700	3,000	3,300	3,600	4,050	4,500	4,950	5,400	6,000	6,600	7,500	8,250
SE (135LM/W)	945	1,215	1,350	1,485	1,620	2,025	2,430	2,700	2,970	3,240	3,645	4,050	4,455	4,860	5,400	5,940	6,750	7,425
INPUT VOLTAGE	120-277VAC 50/60hz																	
EFFICACY	≈135lm/W (Standard Efficiency) or ≈150lm/W (High Efficiency)																	
PF	>0.95 @ 120V- 277V 60Hz																	
THD	<20%																	
UGR	<22																	
CRI	>80																	
L70 HOURS	113,000 Hours																	
CCT	3000K/3500K/4000K/5000K   Dual CCT (3000K/4000K) or Dual CCT (3500K/4000K)   MCCT (300K/4000K/5000K)																	
BEAM ANGLE	120°																	
OP. TEMP.	(-25°C to 40°C)																	
IP RATING	IP44																	
ENVIRONMENT	Indoor / Damp																	
LENS	Frosted Polycarbonate																	
CONSTRUCTION	Sheet Metal																	
FCC COMPLIANCE	FCC 47, CFR Part 18																	
WARRANTY	5 Year Standard Warranty with 10 Year Option																	

## ORDERING GUIDE

EXAMPLE: JLS-24G4TRF-840K-M2-N-10-S-S-SE-R

MODEL	SIZE	CCT	WATTAGE	SENSORS	DIMMING	DRIVER	PLENUM	LUMEN	TYPE
JLS	14G4TRF	830K = 3000K	<b>Vari-Watt (M10)</b>	N = None	10 = 0-10V Dimming	S = Standard	S = No Plenum	SE = Standard Efficiency	R = Retrofit
	22G4TRF	835K = 3500K	M1 = (7W/9W/10W/11W/12W/15W)	OC = Occupancy Sensor	50 = 50-50 Bi-Level Dimming	FF = Flicker-Free	PL = Plenum	HE = High Efficiency	
	24G4TRF	840K = 4000K	M2 = (18W/20W/22W/24W/27W/30W)	BL = Occupancy Bi-Level Dimming					
		850K = 5000K	M3 = (33W/36W/40W/44W/50W/55W)*	BLG = Bi-Level/ Day Light Harvesting/Grouping					
		8DCCT1 = Dual CCT 30K/40K	<b>Vari-Watt (50/50)</b>	BTG = Blue Tooth Mesh / Day Light Harvesting/ Grouping/Dimming					
		8DCCT2 = Dual CCT 35K/40K	M1 = (7W/9W/10W/11W/12W/15W)	BTN = Blue Tooth Mesh Node					
		MCCT = 35K/40K/50K	M2 = (18W/20W/22W/24W/27W/30W)	BLD = Bi-Level/ Day Light Harvesting/Dual mode (PIR + Microwave)					
			M3 = (33W/36W/40W/44W/50W/55W)*	EN = Enlighted Sensor					
			<b>Vari-Watt (EMVW)</b>						
			EM1 = (10W/14W/18W/22W)						
		EM2 = (15W/22W/27W/33W)							
		EM3 = (24W/30W/36W/40W)							
		EM4 = (38W/43W/48W/55W)*							
			* 24G4TRF Only						



Not all product variations listed on this page are DLC qualified. Visit the [DLC website](#) to confirm qualification.

Contact Jaykal for additional product approval.

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## CONTROL OPTIONS

### Option BL: Occupancy Sensor with Bi-Level Dimming & One Key Commissioning

- Adjustable Detection Area
- Task Lighting/ Lumen Maintenance
- Ambient Light Sensing
- High Frequency Motion Sensing
- One-Key Commissioning - Save the settings for the fixture and program each additional fixture with One-Key Press
- Hidden Installation with LED/Daylight Spectrum Recognition

### Option BLG: Occupancy Sensor with Bi-Level Dimming, Grouping and One-Key Commissioning

- Adjustable Detection Area
- Task Lighting/ Lumen Maintenance
- Ambient Light Sensing
- High Frequency Motion Sensing
- One-Key Commissioning with Wireless Remote
- Hidden Installation with LED/Daylight Spectrum Recognition
- One-Key Commissioning - Save the settings for the fixture and program each additional fixture with One-Key Press
- RF Wireless Grouping of up to 30 Fixtures

PRODUCT	LENGTH (in.)	WIDTH (in.)	DEPTH (in.)	WEIGHT (lbs.)
24G4TRF	47.75	23.75	2.36	5.85
22G4TRF	22.76	20.67	2	5.27
14G4TRF	47.75	11.75	3.21	8.64

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