



G4 Troffer Retrofit Door Kits

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

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PROJECT NOTES:

FEATURES & BENEFITS

- ◆ Wattage Options: Vari-Watt Driver Standard
- ◆ Vari-Watt EM Driver Option
- ◆ CCT Options: 3000K/3500K/4000K/5000K
- ◆ Dual CCT Option
- ◆ 5 Year Standard Warranty, 10 Year Available
- ◆ 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



RoHS 
Compliant

Revised 10/24/23

Specifications are typical values and may change without notification

efficiency. illuminated.



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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)																	
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-SE-R

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



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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