

G2 TYPE C T5 LAMPS



JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

www.jaykalusa.com

PROJECT NOTES:

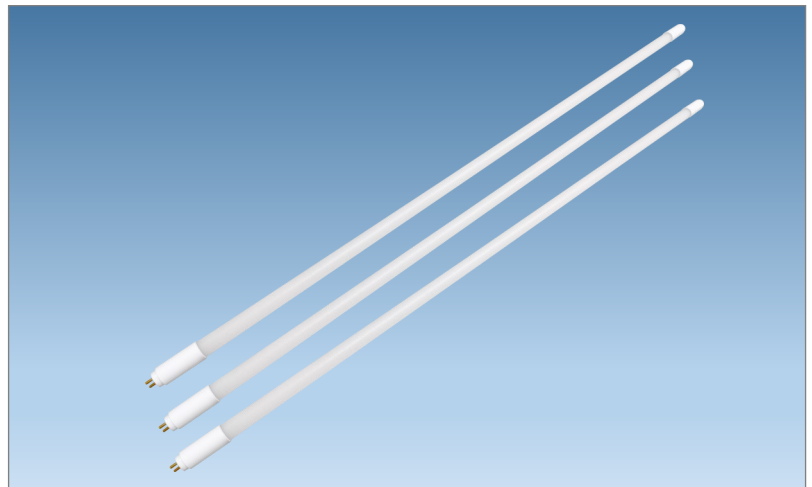
21499 Baltimore Ave.

Georgetown, DE 19947

(P) 302-295-0015

KEY FEATURES

- ◆ Available in 2,3 and 4 ft. Lengths
- ◆ 100-277VAC Type C
- ◆ CCT: 3000K/3500K/4000K/5000K
- ◆ 330° Viewing Angle
- ◆ TAA/BAA Available
- ◆ Suitable for Open and Enclosed Fixtures
- ◆ Compatible With Controls
- ◆ UL94-V-0 Fire Rating
- ◆ For Use with Shunted and Unshunted Lampholders
- ◆ 5 Year Warranty 24/7 Operation
- ◆ Flicker Free Option
- ◆ 0-10V Dimming and 50-50 Bi-Level Dimming Option
- ◆ Compatible with Most Emergency Backups (Contact Jaykal for Additional Information)



RoHS 
Compliant

Revised 12/4/23

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
(160LM/W)	1,120	1,440	1,600	1,760	1,920	2,400	2,880	3,200	3,520	3,840	4,320	4,800	5,280	5,760	6,400	7,040	8,000	8,800
(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
INPUT VOLTAGE	100-277VAC 50/60hz																	
EFFICACY	≈150lm/W (Standard Efficacy), ≈160lm/W (High Efficacy)																	
POWER FACTOR (VW)	>0.95																	
THD	<20%																	
DC DRIVE VOLTAGE	38.5VDC Nominal																	
WIRING SCHEME	Type C (External Driver)																	
BEAM ANGLE	188°																	
VIEWING ANGLE	330°																	
FLICKER FREE OPTION	Coefficient (Kn Value) @ 277VAC/60Hz 0.5%																	
CRI	Ra>80																	
L70 HOURS	63,000 Hours																	
CCT	3000K/3500K/4000K/5000K																	
OPERATIONAL TEMP.	(-20°C to +45°C)																	
ENVIRONMENT	Dry/Damp																	
PROTECTION CIRCUIT	<p>The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected. The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected. The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected. The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected. The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected. The external driver incorporates a leakage current module. When the leakage current module detects excess current/shorted condition, the lamp will shutdown for protection. If the over current condition doesn't damage the driver, the lamp will return to normal operation when the over current condition is corrected.</p>																	
FCC COMPLIANCE	FCC 47, CFR Part 18																	

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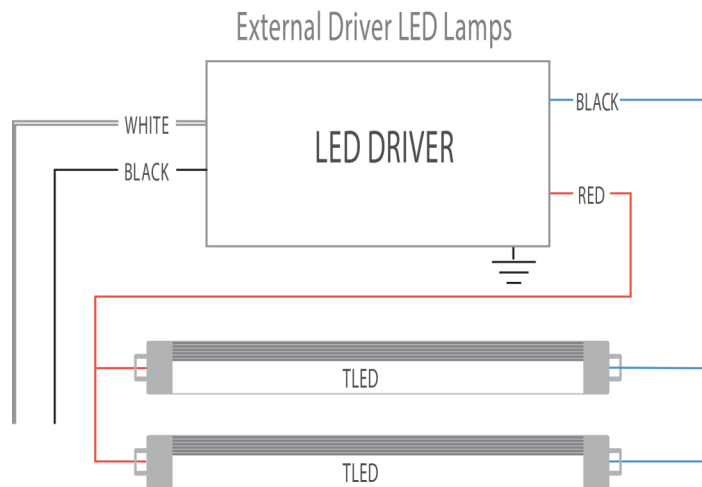
ORDERING GUIDE

JLS-G2T5-2-840K-M1-EX-10-S-2-S

MODEL	LENGTH	CCT	WATTS	TYPE	DIMMING	FLICKER RATE	LAMPS	EFFICACY
JLS-G2T5	2 = 2 Foot	830K = 3000K	Vari-Watt Drivers (VW) M1 = (7W/9W/10W/11W/12W/15W) M2 = (18W/20W/22W/24W/27W/30W) M3 = (33W/36W/40W/44W/50W/55W) Vari-Watt (VWEM) EM1 = (12W/16W/20W/24W) EM2 = (18W/24W/30W/36W) EM3 = (24W/30W/36W/40W) EM4 = (40W/45W/50W/60W) POWER CAPACITIES 2T5 = 10 Watts per Lamp 3T5 = 15 Watts per Lamp 4T5 = 20 Watts per Lamp	EX = External	10 = 0-10V 50 = Bi-Level	S = Standard FF = Flicker Free	1 = 1 Lamp	S = 150 lm/W P = 160 lm/W
	3 = 3 Foot	835K = 3500K					2 = 2 Lamp	
	4 = 4 Foot	840K = 4000K					3 = 3 Lamp	
		850K = 5000K					4 = 4 Lamp	

PRODUCT	LENGTH PIN to PIN (in.)	LENGTH BASE to BASE (in.)	DIAMETER (in.)
4 Foot	45.8	44.82	0.625
3 Foot	34.0	33.02	0.625
2 Foot	22.2	21.22	0.625

WIRING DIAGRAM



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