



## SENSOR READY G2T8 TYPE C LAMP KIT

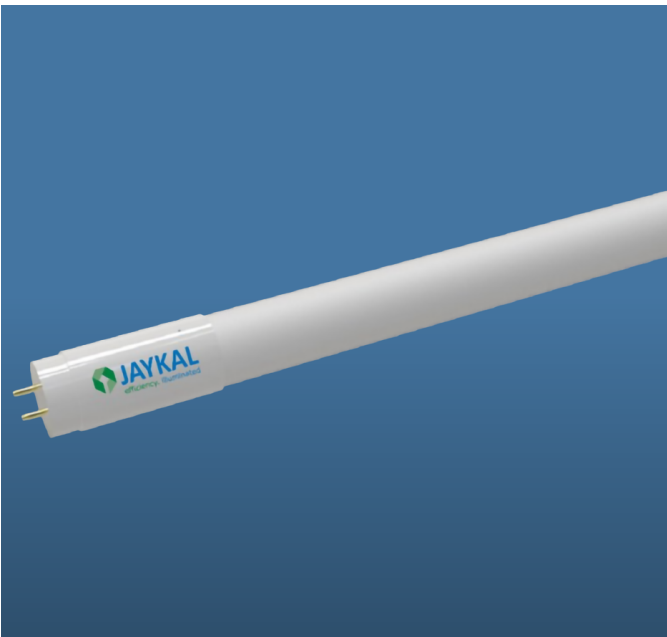
### DESCRIPTION

The LED Type C (external driver) tube is a high-performance retrofit solution designed to upgrade existing fluorescent lighting systems. Utilizing a remote LED driver, this system replaces traditional fluorescent lamps and ballasts to deliver superior efficiency, controllability, and system reliability.

Type C systems provide low-voltage output from a dedicated LED driver, improving safety, enabling advanced controls, and extending overall system life compared to ballast-dependent solutions.

### 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
- Drop Test Rating of 6 Feet
- 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)





**SPECIFICATIONS**

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
(170LM/W)	1,190	1,530	1,700	1,870	2,040	2,550	3,060	3,400	3,740	4,080	4,590	5,100	5,610	6,120	6,800	7,480	8,500	9,350
(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	4,150	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 (Medium Efficacy), ≈170lm/W (High Efficacy)																	
POWER FACTOR	>0.95@120VAC / >0.9@277VAC																	
THD	<20%																	
WIRING SCHEME	Type C (External Driver)																	
DC DRIVE VOLTAGE	38.5VDC Nominal																	
BEAM ANGLE	188°																	
VIEWING ANGLE	330°																	
FLICKER FREE OPTION	Coefficient (Kn Value) @ 277VAC/60Hz 0.5%																	
CRI	Ra>80																	
L70 HOURS	70,000 Hours																	
CCT	3000K/3500K/4000K/5000K																	
OPERATIONAL TEMP.	-20°C to +50°C																	
ENVIRONMENT	Dry/Damp																	
PROTECTION CIRCUIT	Integral short circuit, open circuit, and overload protection																	
FCC	FCC 47 CFR Part 15 Compliance																	

*Specifications are typical values and may change without notification*



ORDERING GUIDE					JLS-G2T8-4-840K-M2-EX-10-FF-3-S	
MODEL	LENGTH	CCT	WATTS	POWER TYPE		
JLS-G2T8	2 = 2 Foot	830K = 3000K	<b>Vari-Watt Drivers (VW)</b>	EX = External		
	3 = 3 Foot	835K = 3500K	M1 = (7W/9W/10W/11W/12W/15W)			
	4 = 4 Foot	840K = 4000K	M2 = (18W/20W/22W/24W/27W/30W)			
		850K = 5000K	M3 = (33W/36W/40W/44W/50W/55W)			
			<b>Vari-Watt (VWEM)</b>			
			EM1 = (12W/16W/20W/24W)			
			EM2 = (18W/24W/30W/36W)			
			EM3 = (24W/30W/36W/40W)			
			EM4 = (40W/45W/50W/60W)			
			<b>MAXIMUM POWER HANDLING</b>			
			2 FT. = 10W			
			3 FT. = 15W			
			4 FT. = 20W			

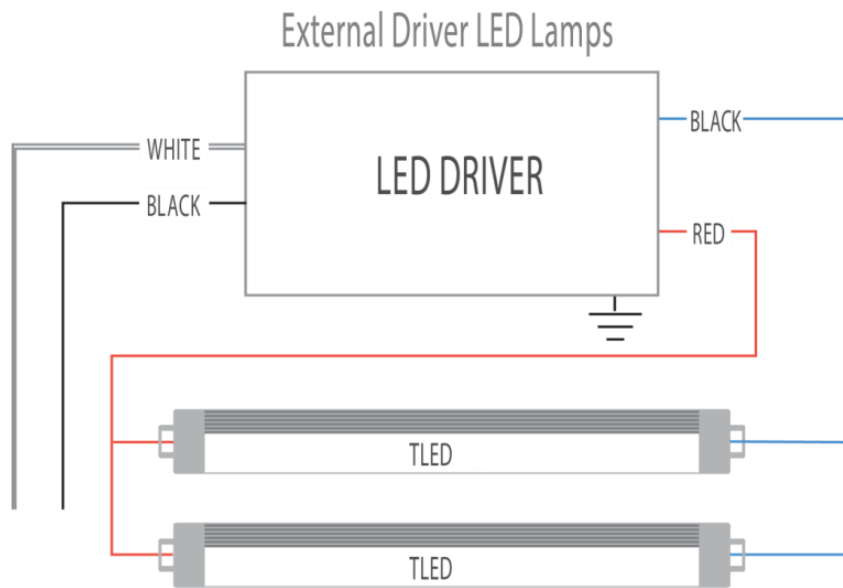
DRIVER TYPE	FLICKER RATE	LAMPS	EFFICACY
10 = 0-10V	S = Standard	1 = 1 Lamp	S = 150 lm/W
50 = Bi-Level Dimming	FF = Flicker Free	2 = 2 Lamp	P = 160 lm/W
		3 = 3 Lamp	L = 170 lm/W
		4 = 4 Lamp	

*Specifications are typical values and may change without notification*



PRODUCT	LENGTH PIN to PIN (in.)	LENGTH BASE to BASE (in.)	DIAMETER (in.)
4 Foot	47.71	47.165	1.125
3 Foot	35.55	23.11	1.125
2 Foot	23.77	23.14	1.125

**WIRING DIAGRAM**



*Specifications are typical values and may change without notification*