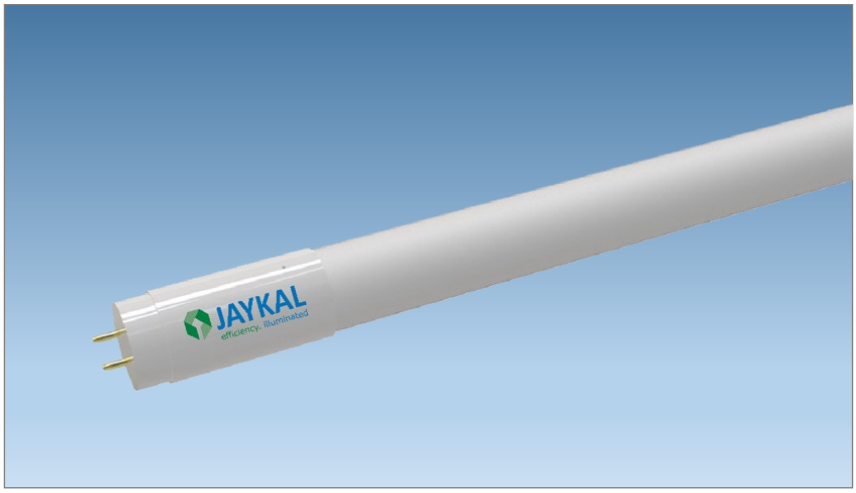
G2 TYPE C T8 LAMPS

JAYKAL

PROJECT NAME:	JAYKAL LED SOLUTIONS, INC. www.jaykalusa.com 21499 Baltimore Ave. Georgetown, DE 19947 (P) 302-295-0015
PROJECT NOTES:	

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)

c UL us

TAA COMPLIANT

BUY AMERICAN ACT AVAILABLE

ISO 9001

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
(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 (VW)	>0.95																	
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 +45°C)																	
ENVIRONMENT	Dry/Damp																	
PROTECTION CIRCUIT	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.																	
FCC COMPLIANCE	FCC 47, CFR Part 18																	

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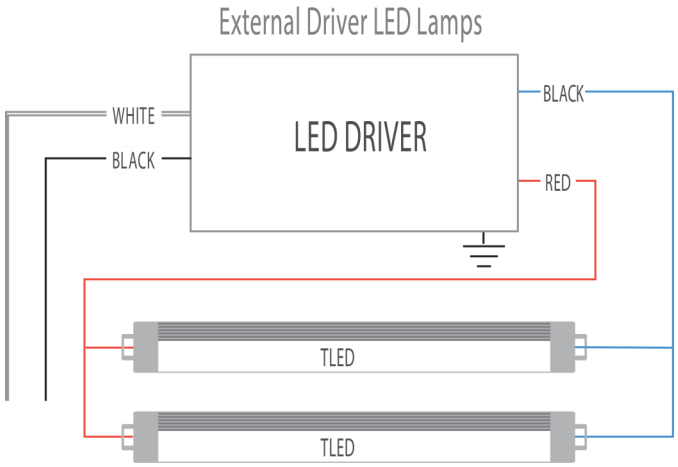
ORDERING GUIDE

JLS-G2T8-4-840K-M2-EX-10-FF-3-S

MODEL	-	LENGTH	CCT	-	WATTS	-	POWER TYPE	-	DRIVER TYPE	-	FLICKER RATE	-	LAMPS	-	EFFICACY
JLS-G2T8		**2** = 2 Foot **3** = 3 Foot **4** = 4 Foot	**830K** = 3000K **835K** = 3500K **840K** = 4000K **850K** = 5000K		**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) **MAXIMUM POWER HANDLING** **2 FT.** = 10W **3 FT.** = 15W **4 FT.** = 20W		**EX** = External		**10** = 0-10V **50** = Bi-Level Dimming		**S** = Standard **FF** = Flicker Free		**1** = 1 Lamp **2** = 2 Lamp **3** = 3 Lamp **4** = 4 Lamp		**S** = 150 lm/W **P** = 160 lm/W **L** = 170 lm/W

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



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