



G3 MAGNETIC RETROFIT KIT

JAYKAL

PROJECT NAME:

JAYKAL LED SOLUTIONS, INC.

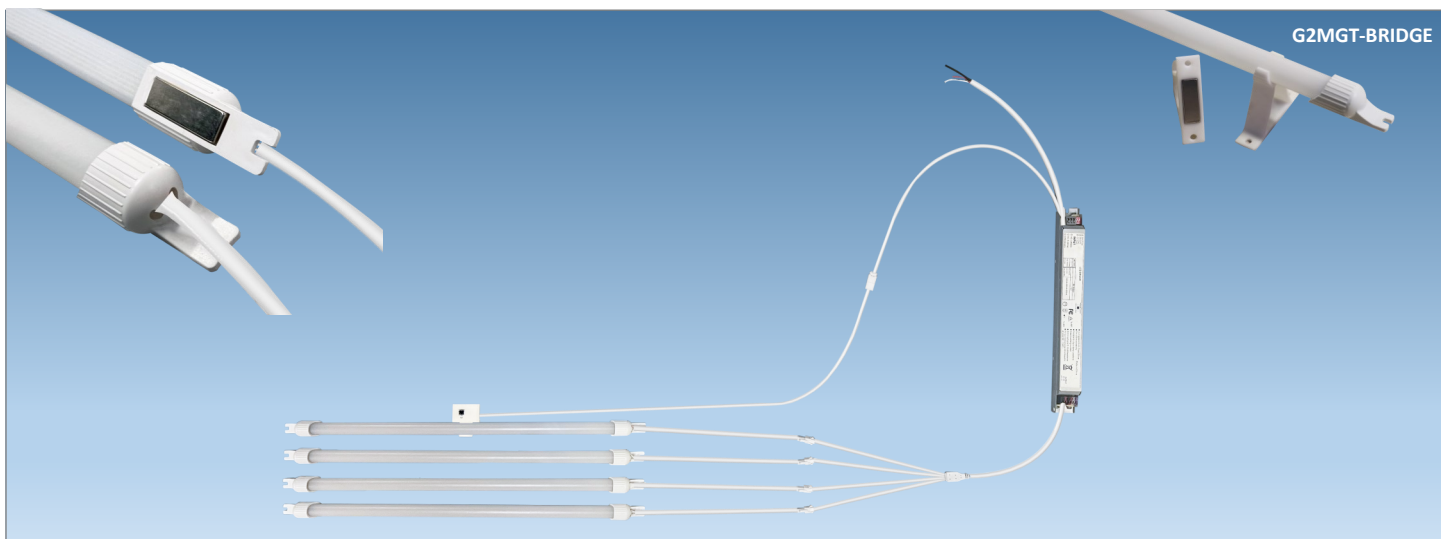
www.jaykal.net

PROJECT NOTES:

21499 Baltimore Ave.
Georgetown, DE 19947
(P) 302-295-0015
(F) 302-295-0016

FEATURES & BENEFITS

- ◆ Driver Options: Fixed Wattage, Vari-Watt Driver or Vari-Watt Emergency
- ◆ CCT Options: 3000K, 3500K, 4000K, 5000K
- ◆ SE 163lm/W or HE 180lm/W Efficacy
- ◆ 10 Year Standard Warranty
- ◆ Thinner Profile for a Wider Range of Applications.
- ◆ BL/BLG : Bi-level dimming/Bi-level Dimming and Grouping Function
- ◆ Available G3-MGT-BRIDGE Accessory Allows a Two Bar Kit to be Retrofitted in Three Lamp Troffer.
- ◆ Comes with Quick Connects Standard
- ◆ DLC Listed as Linear Retrofit Kit. May qualify for higher rebates than LED Linear Lamps.



ETL CLASSIFIED



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
(180LM/W)	1,260	1,620	1,800	1,980	2,160	2,700	3,240	3,600	3,960	4,320	4,860	5,400	5,940	6,480	7,200	7,920	9,000	9,900
(163LM/W)	1,141	1,467	1,630	1,793	1,956	2,445	2,934	3,260	3,586	3,912	4,401	4,890	5,379	5,868	6,520	7,172	8,150	8,965
INPUT VOLTAGE	100-277VAC 50/60hz																	
EFFICACY	~163lm/W (Standard Efficiency) or ~180lm/W (High Efficiency)																	
POWER FACTOR (VW)	>0.96 @ 120V- 277V 60Hz																	
DC DRIVE VOLTAGE	38.5VDC Nominal																	
THD	<15%																	
CRI	>80																	
L70 HOURS	113,000 Hours																	
CCT	3000K/3500K/4000K/5000K																	
OPERATIONAL TEMP.	-30°C - 50°C																	
FCC COMPLIANCE	FCC 47, CFR Part 18																	

ORDERING GUIDE

EXAMPLE: JLS-G3MGT-M2-4-840K-10-S-2-HE

MODEL	WATTAGE	LENGTH	CCT	DRIVER	FF OPTION	LIGHT BARS	SENSORS	EFFICACY
JLS-G3MGT	Vari-Watt (VW) 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)	1FT = 1 FT. 2FT = 2 FT. 3FT = 3 FT. 4FT = 4 FT.	830K = 3000K 835K = 3500K 840K = 4000K 850K = 5000K 8DCCT1 = Dual CCT 30K/40K 8DCCT2 = Dual CCT 35K/40K 8DCCT3 = Dual CCT 40K/50K	10 = 0-10V Dimming 50 = Bi-Level Dimming	S = Standard FF = Flicker-Free	1 = One Bar 2 = Two Bars 3 = Three Bars 4 = Four Bars Power Handling 4ft. Max 20W ea. 3ft. Max 15W ea. 2ft. Max 10W ea. 1ft. Max 5W ea.	BLANK = No Sensor BL = Occupancy Bi-Level Dimming BLG = Occupancy Bi-Level Dimming with Grouping Function SR = Sensor Ready (For 0-10V Dimming Only) See Page 4-5 for Control Features	SE = 163lm/W HE = 180lm/W



Not all product variations listed on this page are DLC qualified. Visit www.designlights.org/search to confirm qualification.

Contact Jaykal for additional product approval.

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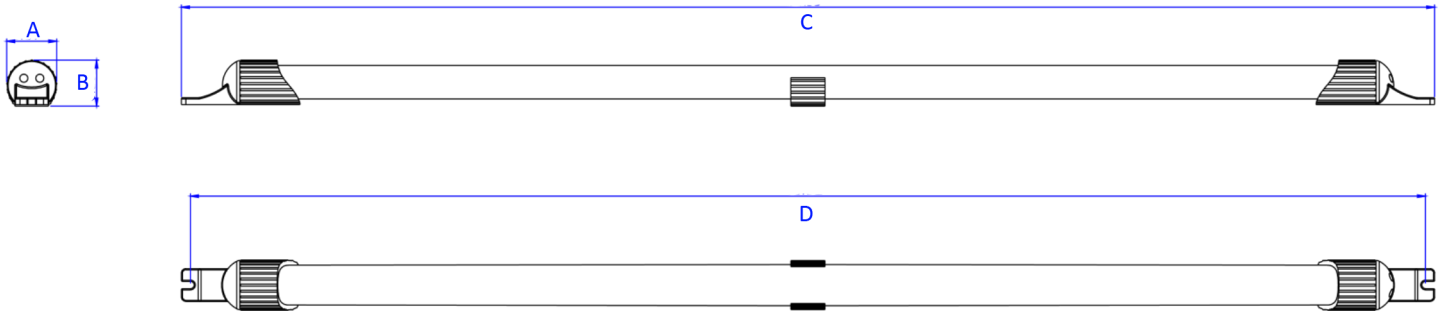
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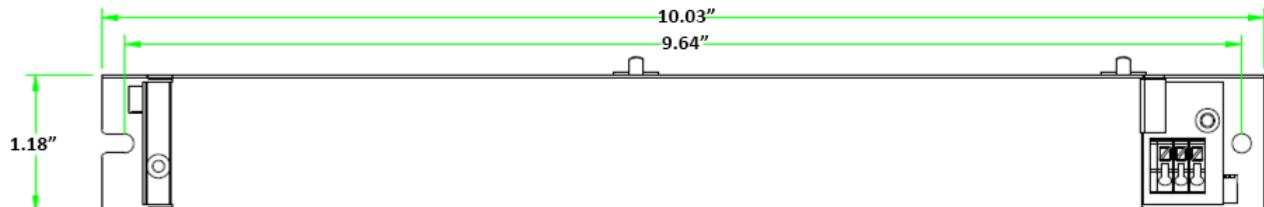
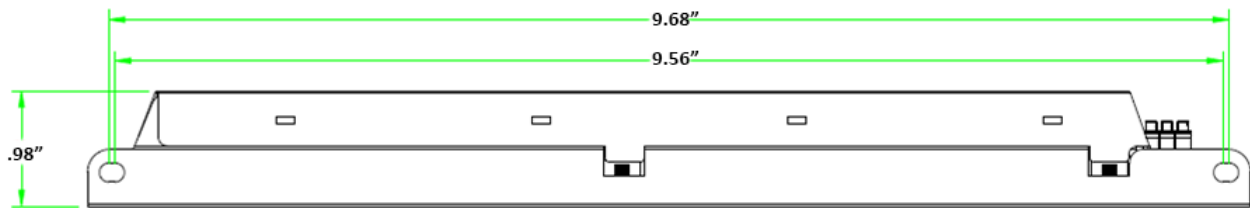
G2 BRIDGE ACCESSORY

MODEL	DESCRIPTION
G2MGT-BRIDGE	1 PAIR BAR BRIDGES

Dimensional Drawings



Product	Length End to End (in.)	Length Mounting Center (in.)	(B) Diameter (in.)	(A) Width (in.)
4 Foot	44.13	43.82	.80	.87
3 Foot	33.11	32.80		
2 Foot	19.92	19.61		
1 Foot	11.02	10.71		



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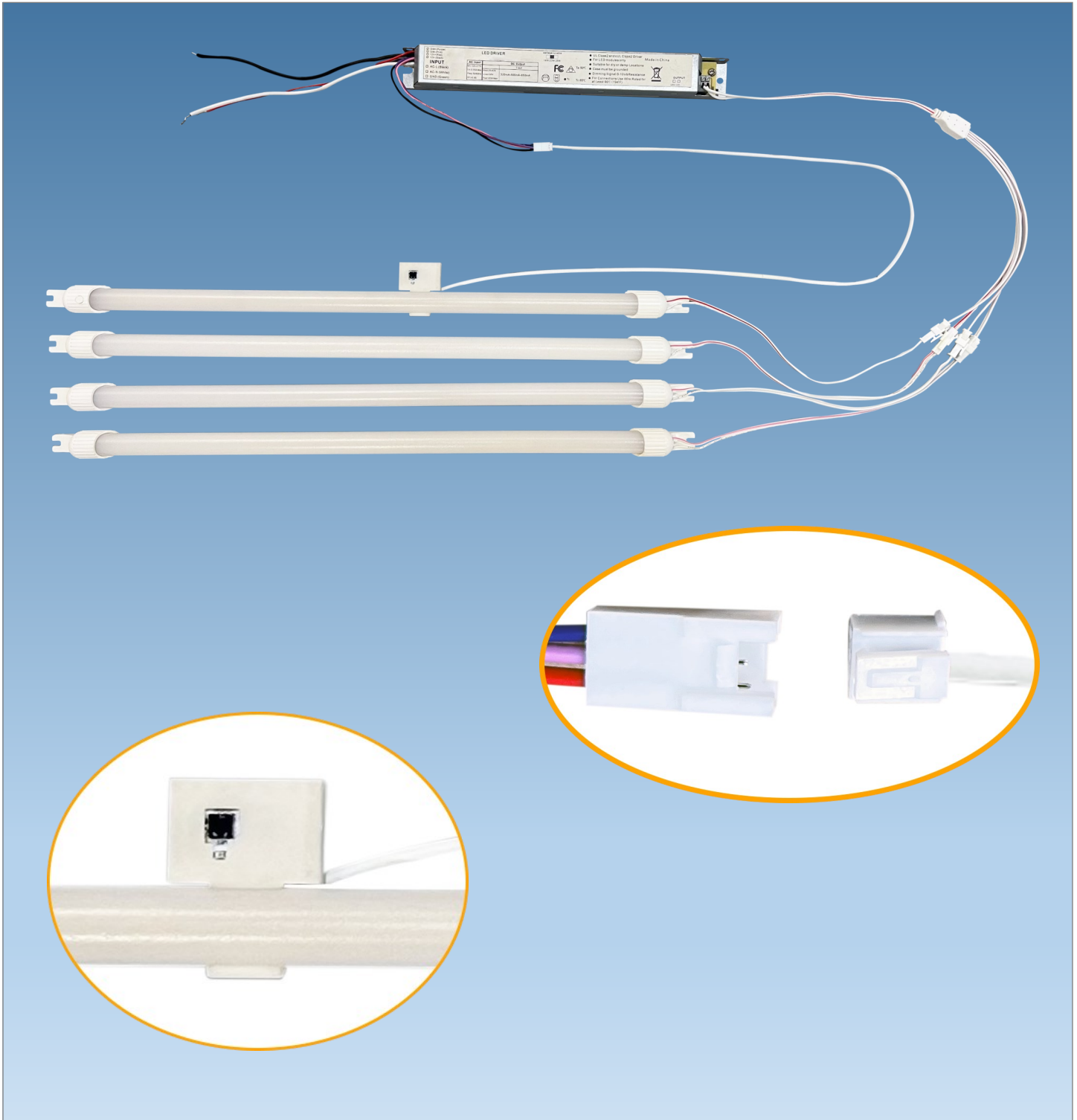
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CLIP-ON SENSOR AND QUICK CONNECT DESIGN



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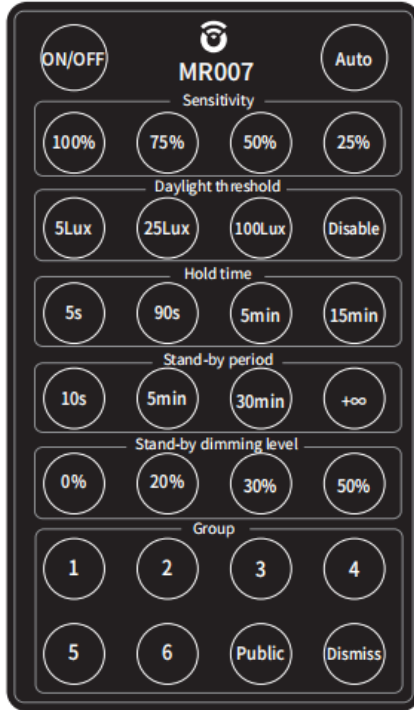
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CLIP-ON SENSOR REMOTE FUNCTIONS



KEY	FUNCTION
ON/OFF	TOGGLES THE LIGHT ON AND OFF
AUTO	SENSOR MODE
SENSITIVITY	ADJUSTS MOTION SENSITIVITY
DAYLIGHT THRESHOLD	SETS THE THRESHHOLD FOR THE AMBIENT LIGHT LEVEL. IF THE AMBIENT LIGHT LEVEL IN AT OR ABOVE THIS LEVEL, MOTION WILL NOT TRIGGER THE SENSOR.
HOLD TIME	SETS THE TIME THE LIGHT WILL MAINTAIN FULL BRIGHTNESS WITHOUT MOTION DETECTION BEFORE ENTERING THE DIMMING MODE
STANDBY PERIOD	SETS THE TIME THE LIGHT WILL MAINTAIN WILL MAINTAIN THE DIMMING MODE WITHOUT MOTION DETECTION BEFORE TURNING OFF. IF DISABLED BY SELECTING THE +∞ PRESET, THE LIGHT WILL HOLD THE DIMMING SETTING UNTIL MOTION IS DETECTED AND WILL RETURN THE LIGHT TO FULL BRITENESS
STANDBY DIMMING LEVEL	SETS THE LIGHT LEVEL WHILE IN DIMMING MODE
GROUP	GROUPS SENSORS TO POWER ON TOGETHER. SUPPORTS 6 GROUPS WITH NO DEVICE LIMIT PER GROUP
PUBLIC	SETS THE SENSOR TO PUBLIC MODE. THE SENSOR WILL RESPOND TO ANY GROUP SYNCHRONIZED SIGNAL, BUT WILL NOT RELAY THE SIGNAL TO OTHER DEVICES.
DISMISS	OVERRIDES GROUPING FUNCTION

* Remote Setting Tips: When pressing any button, light pulse ON/OFF to confirm that the setting was accepted.

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