



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

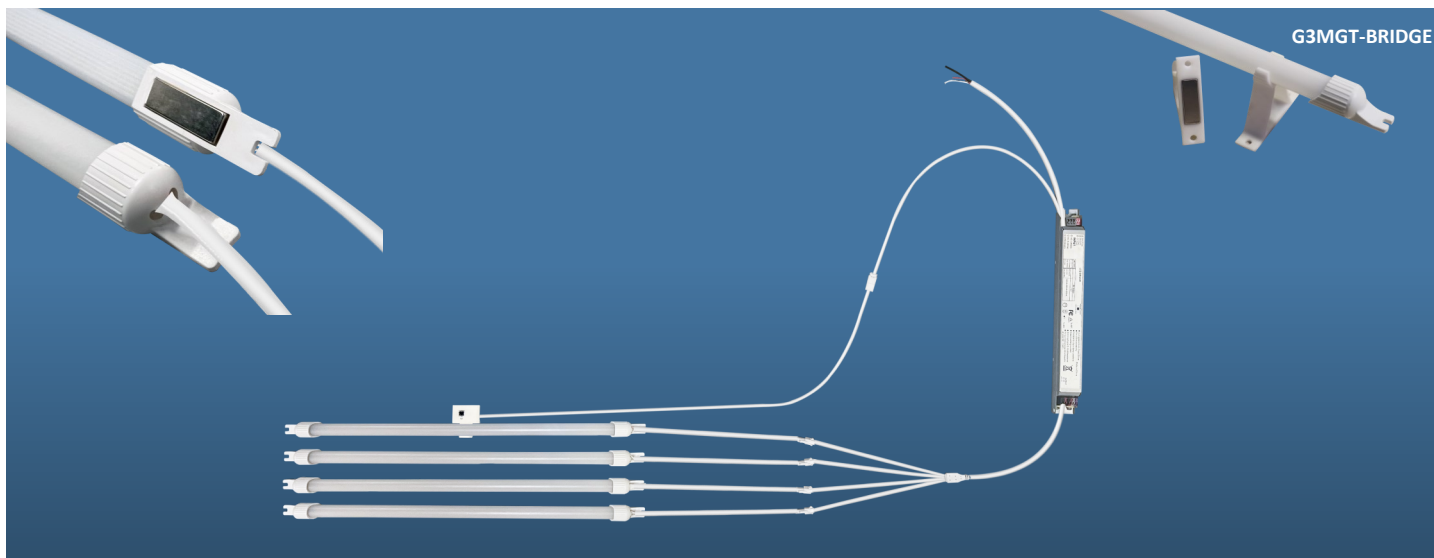
PRODUCT DESCRIPTION

Jaykal’s sensor ready design enables sensors to be installed by simply plugging in the sensor. If no controls are needed now, they may be added later, with a simple installation procedure. The fixture is suitable for commercial and retail applications.

Wattage selectability is standard, allowing field tuning to meet changing project requirements. It features six wattage presets and is DLC Premium listed.

FEATURES

- 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



Revised 12/02/24

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)	1FT = 1 FT.	830K = 3000K	10 = 0-10V Dimming	S = Standard	1 = One Bar	BLANK = No Sensor	SE = 163lm/W
	M1 = (7W/9W/10W/11W/12W/15W)	2FT = 2 FT.	835K = 3500K	50 = Bi-Level Dimming	FF = Flicker-Free	2 = Two Bars	BL = Occupancy Bi-Level Dimming	HE = 180lm/W
	M2 = (18W/20W/22W/24W/27W/30W)	3FT = 3 FT.	840K = 4000K			3 = Three Bars		
	M3 = (33W/36W/40W/44W/50W/55W)	4FT = 4 FT.	850K = 5000K			4 = Four Bars	BLG = Occupancy Bi-Level Dimming with Grouping Function	
	Vari-Watt (EMVW)		8DCCT1 = Dual CCT 30K/40K			Power Handling	SR = Sensor Ready (For 0-10V Dimming Only)	
	EM1 = (10W/14W/18W/22W)		8DCCT2 = Dual CCT 35K/40K			4ft. Max 20W ea.	See Page 4-5 for Control Features	
	EM2 = (15W/22W/27W/33W)		8DCCT3 = Dual CCT 40K/50K			3ft. Max 15W ea.		
	EM3 = (24W/30W/36W/40W)					2ft. Max 10W ea.		
	EM4 = (38W/43W/48W/55W)					1ft. Max 5W ea.		



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.

Compatible Sensors

BRAND	MODEL	SENSOR TYPE
LumaLinx	JLS-LL-EIFS08	BASIC PIR/ PHOTOCCELL
LumaLinx	JLS-LL-RM-51	REMOTE CONTROL PROGRAMMER
LumaLinx	JLS-LLE-IFS102.C2	CONTROLLER NODE
LumaLinx	JLS-LLE-MWS105E	MICROWAVE SENSOR HEAD
LumaLinx	JLS-LLE-IFS105.A0	NETWORK PIR/DAYLIGHT HARVESTING

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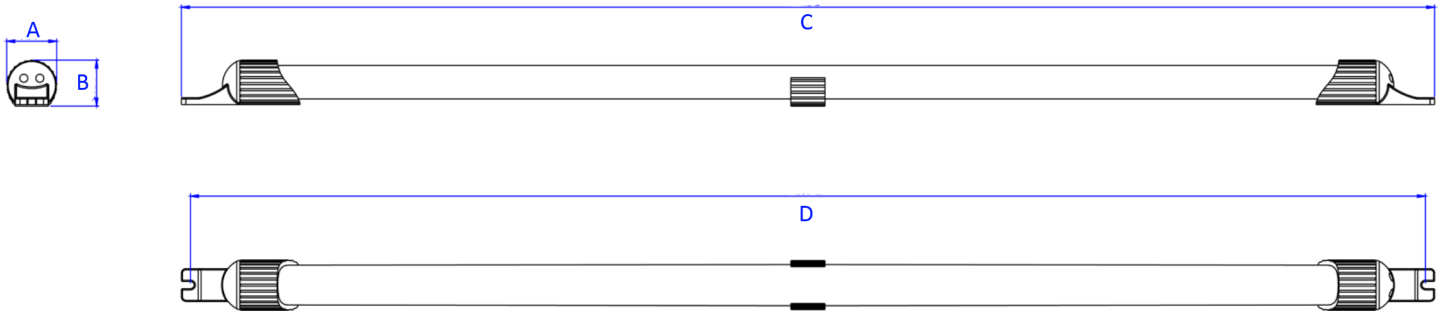
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G3 BRIDGE ACCESSORY

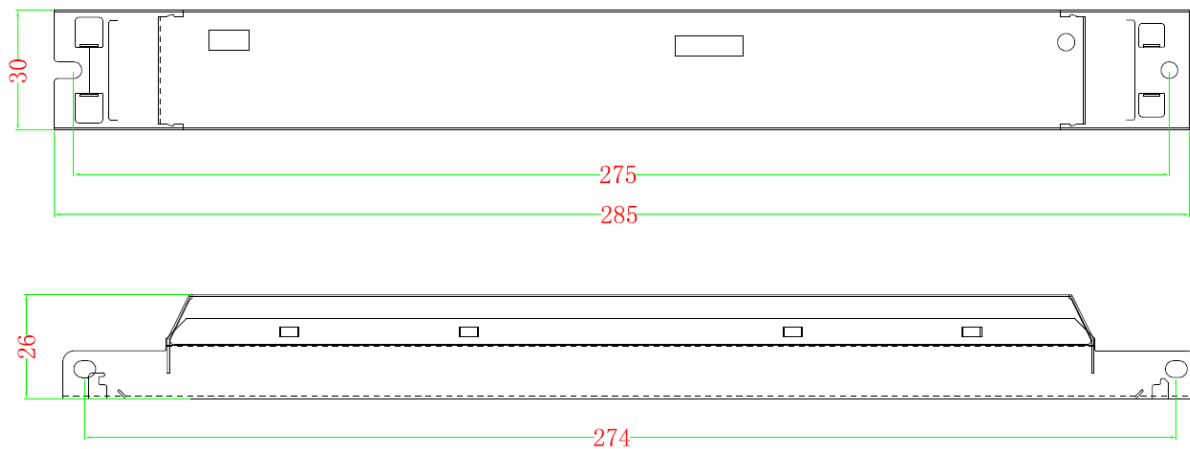
MODEL	DESCRIPTION
G3MGT-BRIDGE	1 PAIR BAR BRIDGES

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		

Unit : mm



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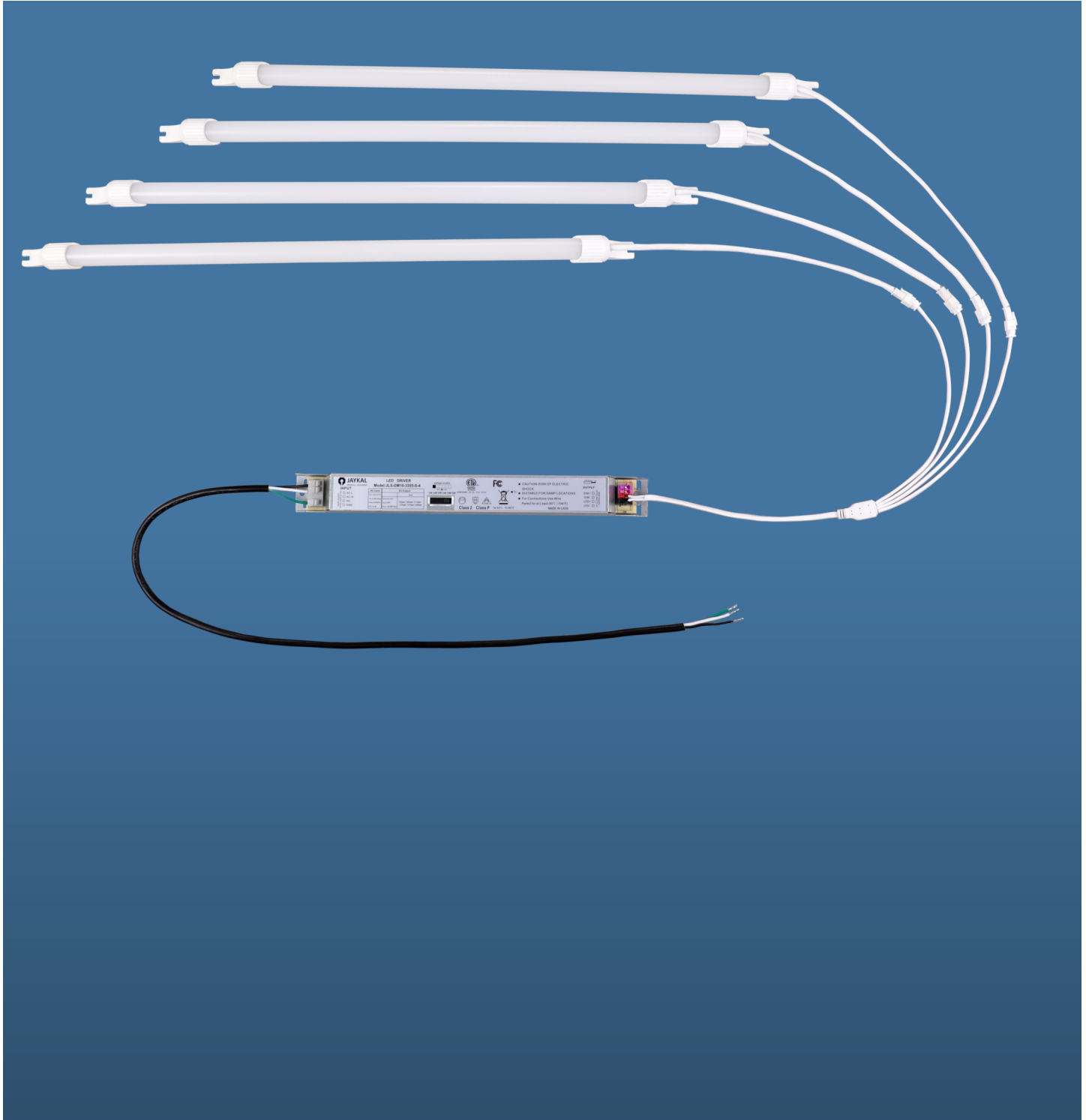
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QUICK CONNECT DESIGN



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