



G3 MAGNETIC RETROFIT KIT

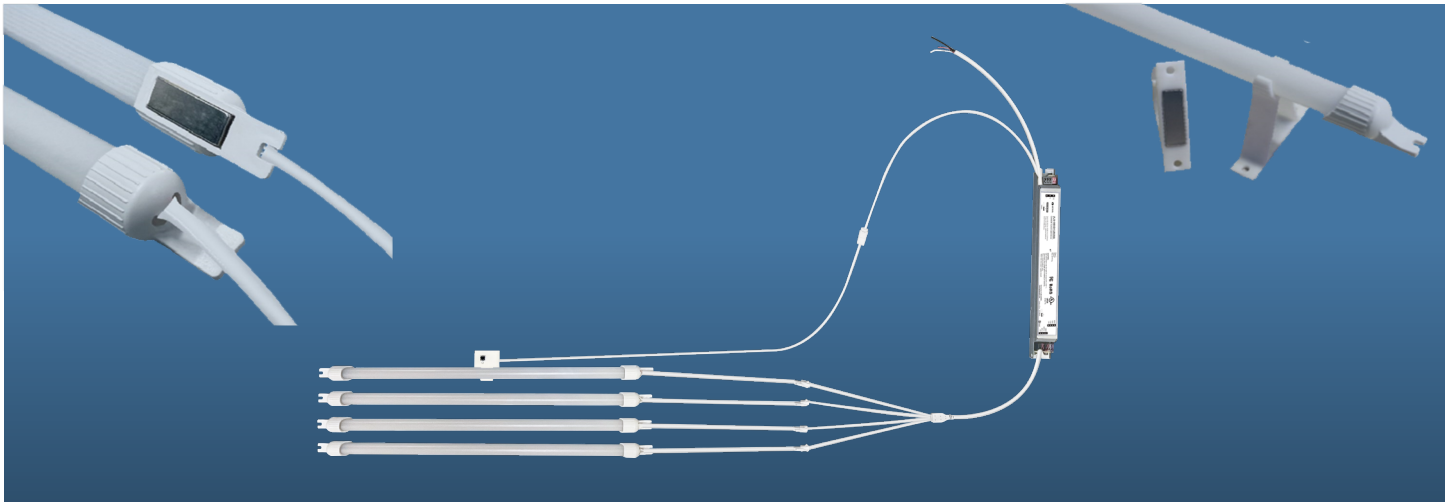
DESCRIPTION

The Magnetic LED Retrofit Kit is a high-performance, field-adaptable lighting solution engineered to upgrade existing luminaires to energy-efficient LED technology with minimal installation time and complexity. Utilizing integrated magnetic mounting and a remote or onboard driver, the system enables rapid deployment across a wide range of fixture types.

Designed for maximum versatility with sensor ready feature, this retrofit kit supports virtually unlimited applications, making it ideal for standardization across diverse facility portfolios.

FEATURES

- Driver Options: Fixed Wattage, Vari-Watt Driver or Vari-Wattage 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.



Revised 6/9/2026

Specifications are typical values and may change without notification



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
(180LM/W)	1,260	1620	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	>0.95@120V / >0.9@277V																	
DC DRIVE VOLTAGE	38.5VDC Nominal																	
THD	<15%																	
CRI	>80																	
L70 HOURS	113,000 Hours																	
CCT	3000K/3500K/4000K/5000K																	
PROTECTION	Integral short circuit, open circuit, and overload protection																	
SURGE PROTECTION	L-N 1KV, LN-G 2KV																	
OPERATING TEMP.	-20°C to 50°C																	
STORAGE TEMP.	-20°C to 70°C																	
FCC	FCC 47 CFR Part 15 Compliance																	

ORDERING GUIDE										EXAMPLE: JLS-G3MGT-4FT-840K-M2-10-S-2-SE									
MODEL	LENGTH	CCT	WATTAGE	DRIVER	FF OPTION	LIGHT BARS	SENSORS	EFFICACY											
JLS-G3MGT	1FT = 1 FT.	830K = 3000K	Vari-Watt (VW)	10 = 0-10V Dimming	S = Standard	1 = One Bar	Blank = No Sensor	SE = 163lm/W											
	2FT = 2 FT.	835K = 3500K	M1 = (7W/9W/10W/11W/12W/15W)	50 = Bi-Level Dimming	FF = Flicker-Free	2 = Two Bars	BL = Occupancy Bi-Level	HE = 180lm/W											
	3FT = 3 FT.	840K = 4000K	M2 = (18W/20W/22W/24W/27W/30W)			3 = Three Bars	Dimming												
	4FT = 4 FT.	850K = 5000K	M3 = (33W/36W/40W/44W/50W/55W)			4 = Four Bars	BLG = Occupancy Bi-Level												
		8DCCT1 = Dual CCT 30K/40K	Vari-Watt (EMVW)				Dimming With Grouping Function												
		8DCCT2 = Dual CCT 35K/40K	EM1 = (10W/14W/18W/22W)			Power Handling													
		8DCCT3 = Dual CCT 40K/50K	EM2 = (15W/22W/27W/33W)			4ft. Max 20W ea.													
			EM3 = (24W/30W/36W/40W)			3ft. Max 15W ea.													
			EM4 = (38W/43W/48W/55W)			2ft. Max 10W ea.													
						1ft. Max 5W ea.													

CONTROLS		
BRAND	MODEL	SENSOR TYPE
LumaLinx	JLS-ESS-EIFS08	BASIC MICROWAVFE SENSOR, STAND ALONE
LumaLinx	JLS-ESS-RM-51	REMOTE CONTROL PROGRAMMER
LumaLinx	JLS-LLE-FA102.C1 + JLS-LLE-MWS108E	Bluetooth Adapter + Microwave sensor with a magnetic mount

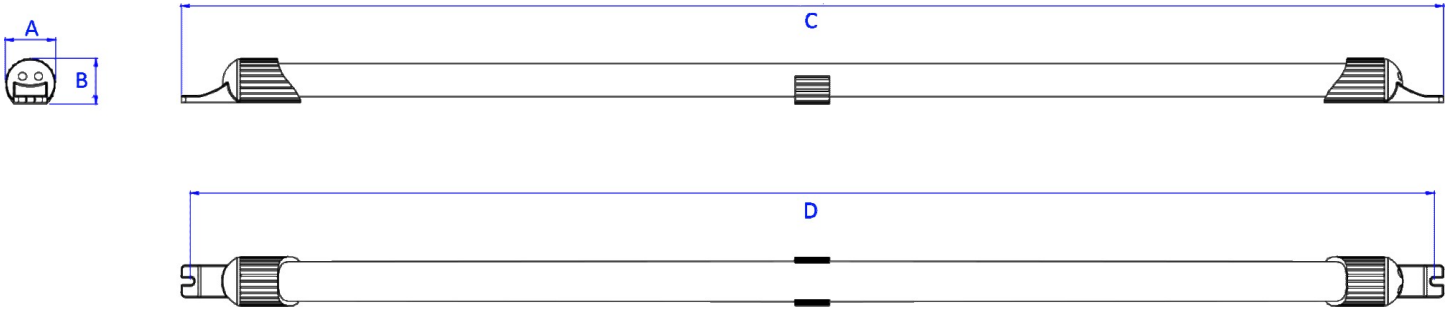
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G3 BRIDGE ACCESSORY

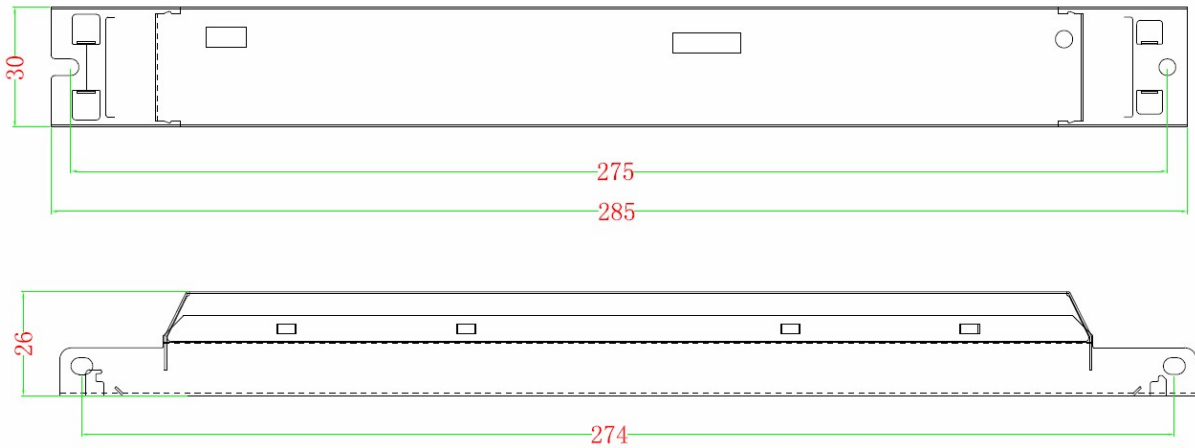
MODEL	DESCRIPTION
G3MGT-BRIDGE	1 PAIR BAR BRIDGES

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	9.61		
1 Foot	11.02	10.71		

Unit MM



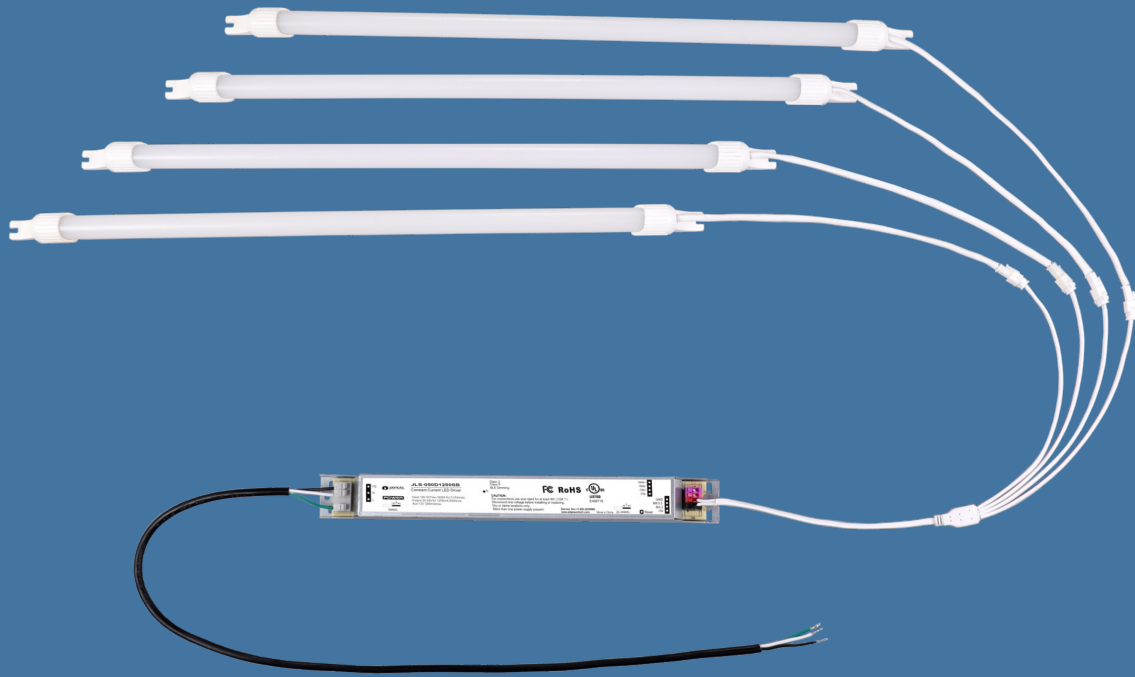
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JAYKAL
efficiency. illuminated

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QUICK CONNECT DESIGN



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