

TLKIT SERIES TUBE LIGHT LINEAR STRIP KIT

Client:
Project:
Type:
Quantity:

CONSTRUCTION

2-Foot and 4-Foot compact design, machine stamped aluminum housing with semi-gloss White finish.

OPTICS

End-to-end frosted polycarbonate (PC) lens.

Seamless end-to-end connection with optional flexible jumper connector for corner and curved application.

ELECTRICAL

Delivered 160lm/W efficacy LEDs offer 80+ color rendering index (CRI), L70 >50,000 hours expected life.

Driver operates at 120-277V input, 0-10V dimmable down to 10% w/ AUX 12V output.

MOUNTING

Designed for direct wire or as a portable luminaire with use of power cord.

Bypass socket, tombstones and ballast, simple and reliable retrofit solution for T5, T8 and T12 fixtures.

STANDARD FINISH

Semi-gloss White finish, suitable for damp location.

CERTIFICATION

Damp location label standard.

All luminaires are built to UL1598 standards and bear appropriate cETlus labels.

DLC[®] Premium (DesignLights Consortium Qualified).

WARRANTY

5 year warranty, see Limited Warranty for additional information.



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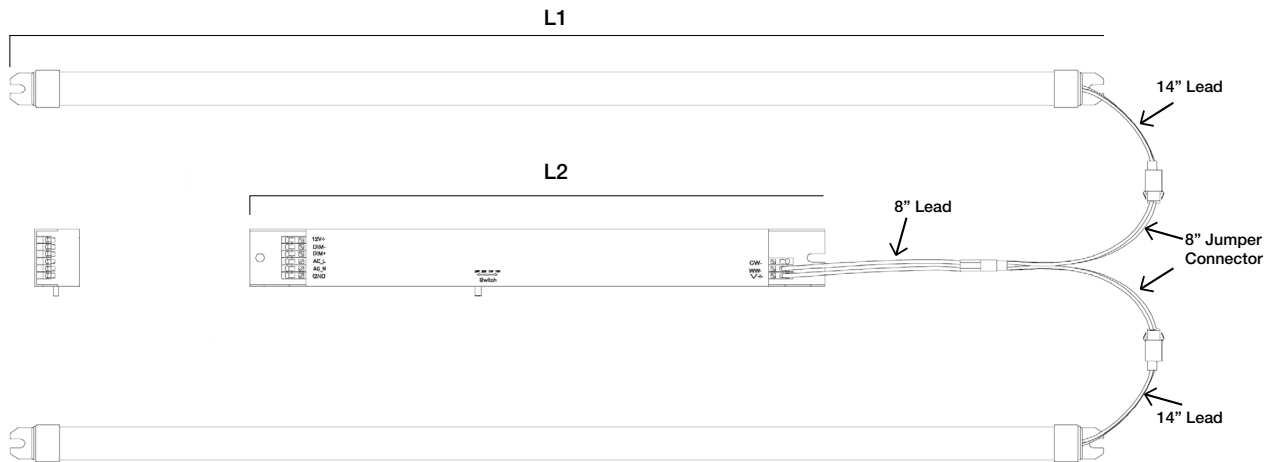
ORDER INFORMATION				EXAMPLE: TLKIT 2L2 40 SM UD25	
Fixture	Series	Size	CCT	Mounting	Input
	TLKIT		40	SM	
Accessories Options					
A	SERIES				
	TLKIT	Tube Light Linear Strip Kit			
B	SIZE				
	CODE	SIZE	POWER		LUMEN
	2L2	2x2	Field Selectable 10 / 15 / 20 / 25W		1,600 / 2,400 / 3,200 / 4,000lm
	2L4	2x4	Field Selectable 25 / 30 / 35 / 45W		4,000 / 4,800 / 5,600 / 7,200lm
C	CCT				
	40	4000K			
D	MOUNTING				
	SM	Snap-on magnetic surface mount clip (pair)			
E	INPUT				
	UD25	25W MAX Selectable Output Driver 120-277V Input 0-10V Dimming w/ AUX 12V For 2FT Strip			
	UD45	45W MAX Selectable Output Driver 120-277V Input 0-10V Dimming w/ AUX 12V For 4FT Strip			
F	ACCESSORIES/OPTIONS				
	AIA	Assembled in America, compliant with BAA (COTS)			
	CONTROL-XFAC*	AVI-ON Bluetooth Zone Controller Adapter			
	EMB-H08170*	90-Minute Self-Diagnostic Emergency Battery 8W 100-347VAC Input 170VDC Output			
	EMB-H18170*	90-Minute Self-Diagnostic Emergency Battery 18W 100-347VAC Input 170VDC Output			
	SENSOR-ANT-7*	Integral Microwave Bi-Level Motion Sensor			
	SENSOR-BLE-7*	Integral Microwave Bluetooth Wireless Bi-Level Motion Sensor (ALS Control Mobile App)			
	REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-ANT (1 per job)			

*see page 5 for sensor and emb spec

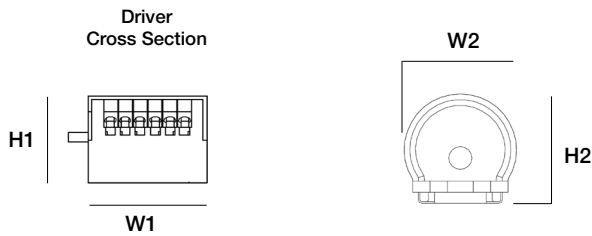
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DIMENSIONS

Model	L1	L2
TLKIT-2L2	21.02" (534mm)	11.06" (281mm)
TLKIT-2L4	44.37" (1127mm)	12.40" (315mm)



Model	W1	W2	H1	H2
TLKIT-2L2	1.22" (31mm)	0.79" (20mm)	0.87" (22mm)	0.75" (19mm)
TLKIT-2L4	1.22" (31mm)	0.79" (20mm)	0.87" (22mm)	0.75" (19mm)



MOUNTING



Snap-on magnetic surface mount clip (pair)

W1: 1.08" (27mm)

W2: 0.79" (20mm)

H: 0.40" (10mm)

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DLC CODE

Part Number	DLC Product ID	DLC Class
TLKIT-2L2-40-SMUD25-[MO, Blank]	S-GZ4GZW	Premium
TLKIT-2L4-40-SMUD45-[MO, Blank]	S-8K52J0	Premium

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-BLE-7 (see page 7 for detail)	Microwave	up to 13FT	17FT radius	12V DC	Bluetooth Mesh On/Off/Dimming Motion Daylight Sensing	ALS Control Bluetooth Mobile App
SENSOR-ANT-7	Microwave	up to 12FT	17FT radius	10V DC	On/Off/Dimming Motion Daylight Sensing	REMOTE-RC100
CONTROL-XFAC (see page 6 for detail)	Fixture Controller	-	-	100-277VAC	Bluetooth On/Off/Dimming Scheduling	AVI-ON Bluetooth Mobile App

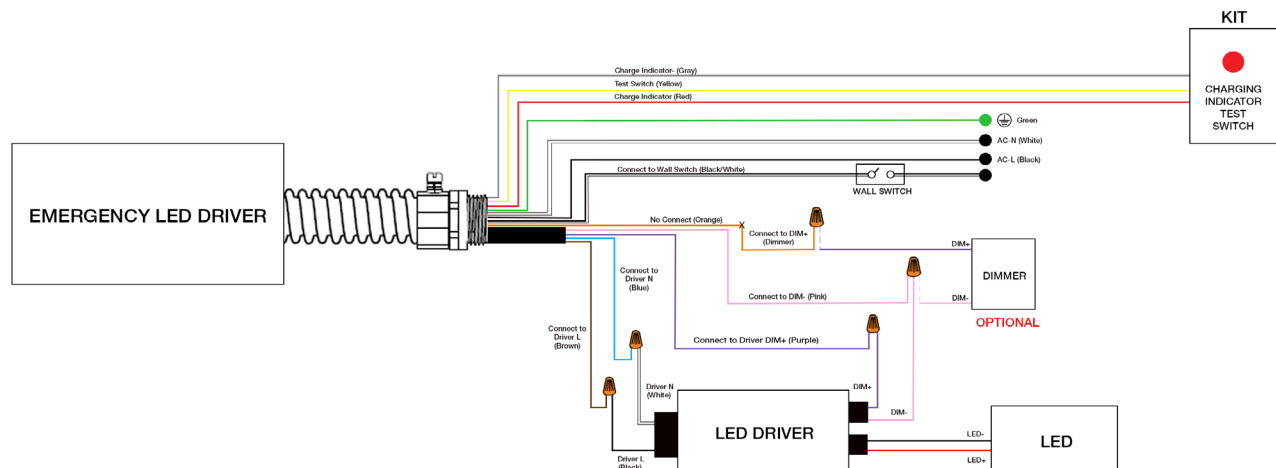


SENSOR-BLE-7
SENSOR-ANT-7

CONTROL-XFAC

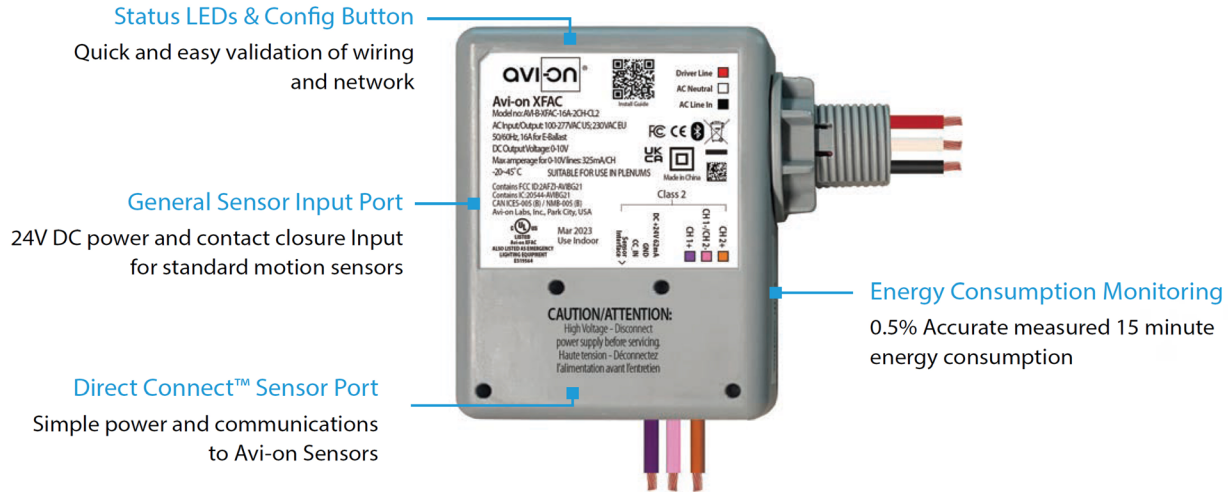
EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H08170	90mins	100-347VAC	170VDC	8W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H18170	90mins	100-347VAC	170VDC	18W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install



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CONTROL-XFAC SPEC

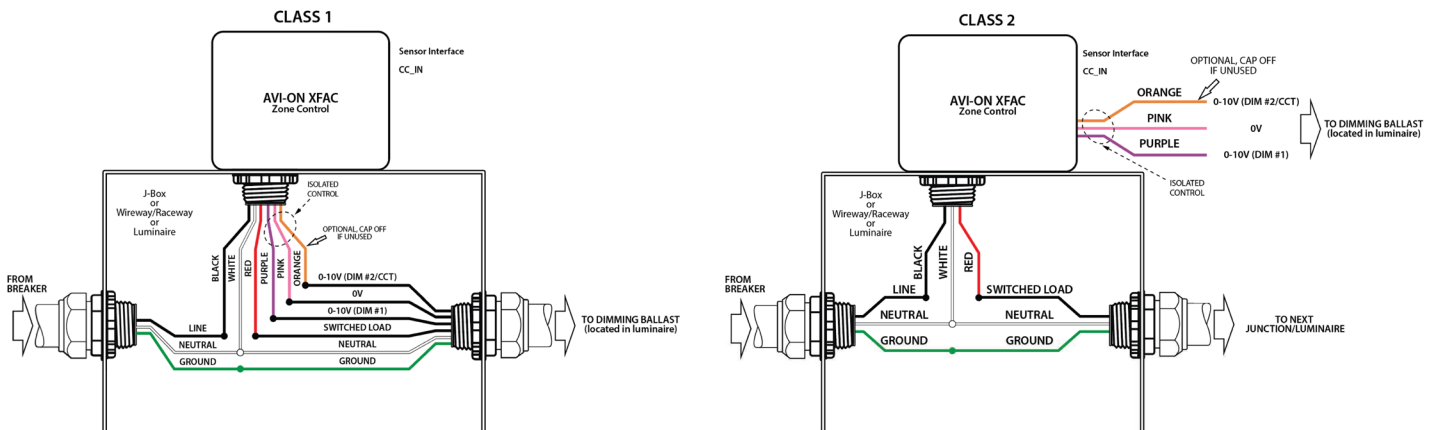


SPECIFICATIONS

INPUT VOLTAGE:	100-277VAC
CURRENT:	MIN: 20 / 14mA MAX: 81 / 46mA
0-10V DIMMING:	100-277VAC
SIZE:	3.58" x 3.58" x 1.57" (91mm x 91mm x 40mm)
STORAGE TEMP:	-40°F to + 185°F (-40°C to + 85°C)
OPERATING TEMP:	-4°F to + 113°F (-20°C to + 45°C)

RADIO FREQUENCY:	50/60Hz
RELAY CURRENT:	16A
PROTECTION/IMMUNITY:	LEVEL 4 Contact Discharge: ± 8kV Air Discharge: ±12kV
AMPERAGE FOR 0-10V LINES:	325mA / CH
WARRANTY:	5 years
REGULATORY:	FCC: 2AFZI-AVIBG21 IC: 20544-AVBG21 BQB: D059595, DID: 185220 UL 924, 2043

WIRING DIAGRAM



FEATURE

- **Installation:** Factory Install - Integral to Fixture
- **Commissioning:** Wirelessly through ALS Control Mobile App (iOS / Android)
- **Certification:** DLC 5.1 Networked Lighting Control System
- **Control:** Hold time, High-Low setting, continuous Bi-level dimming, Code-compliant manual-on or auto-off capability
- **Sensor:** Motion (Occupancy/Vacancy/Manual)
- **Room and Zone Control:** Zoning and Grouping control, Scheduling

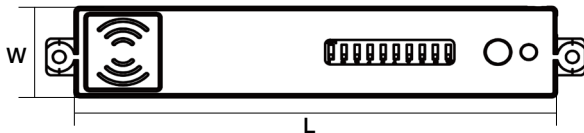


SPECIFICATIONS

SENSOR TYPE:	Microwave
WIRELESS STANDARDS:	Bluetooth SIG Mesh
INPUT VOLTAGE:	10-14VDC, >50mA
CONTROL OUTPUT:	0-10V
OPERATING TEMP:	-40°F ~ +158°F (-40°C ~ +70°C)

COMMISSIONING RANGE:	50FT
BLUETOOTH RANGE:	Integral antenna up to 164FT
DETECTION ANGLE:	360°
MOUNTING HEIGHT:	Up to 13FT
WARRANTY:	5 years
IP RATING:	IP20

DIMENSIONS



L	W
3.70" (94mm)	0.73" (18.5mm)

COVERAGE PATTERNS

