



LED LINEAR STRIP RETROFIT KIT



PRODUCT DESCRIPTION

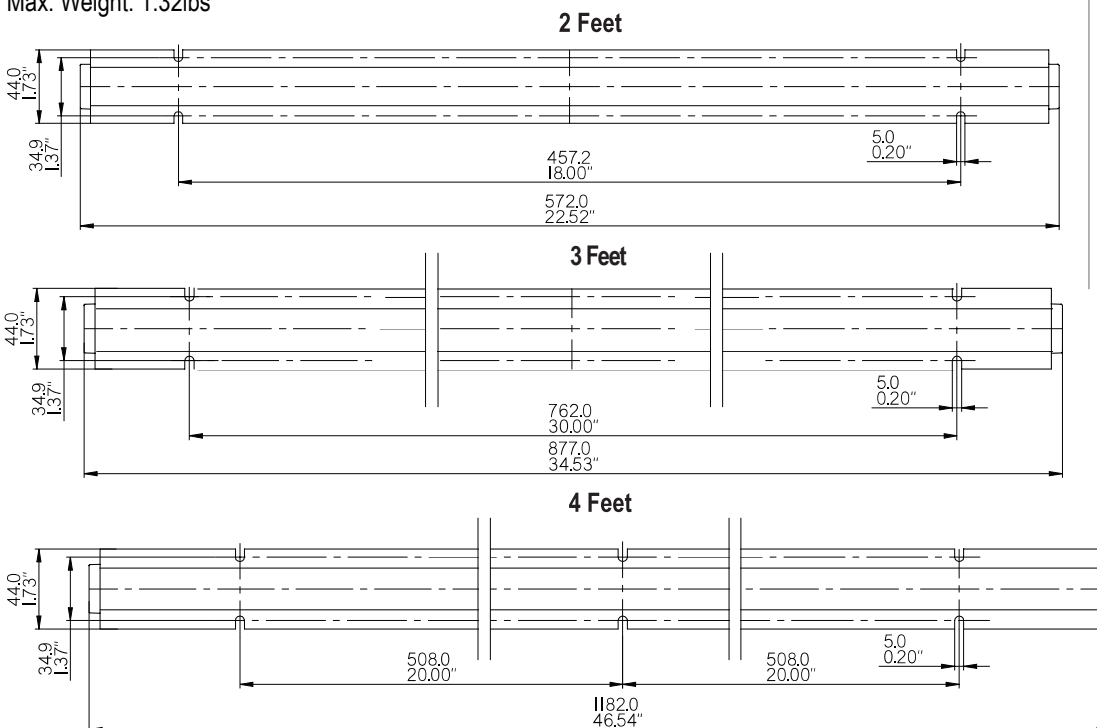
The Linear Strip Retrofit Kit is designed to retrofit the existing T8 and T12 fluorescent strip, wrap, vapor lights, troffer and other linear fixtures. High efficiency, energy saving and easy-to-install.

ELECTRICAL SYSTEM

- Input Voltage: 120-277VAC
- 50/60Hz
- 1-10V Dimmable
- Minimum Ambient -4°F, maximum 104°F
- Power Factor: > 0.9 at full load
- Total Harmonic Distortion: < 20% at full load

SPECIFICATION

Max. Weight: 1.32lbs



PERFORMANCE

CRI

80Ra is standard
 90Ra is for option

CCT

3000K-5000K

Dimming

1-10V Dimming Standard

Projected Lifetime

L70 - 150,000 Hours

Working Temperature

-4-104°F (-20-40°C)

Certifications

- cETLus listed
- DLC premium qualified for 4ft.
- Suitable for damp locations
- RoHs compliant

Ordering Information

Example: AB-LSR-4-25-4180

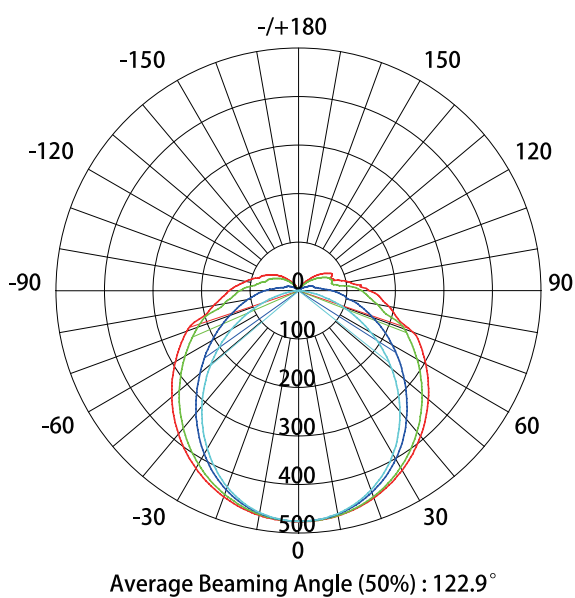
Brand	LED Linear Strip Retrofit KIT	Length	Watts	CCT and CRI ²
AB	LSR	2 - 2 feet	12 - 12 W	3080 - 3000K 80Ra
				3580 - 3500K 80Ra
		3 - 3 feet ¹	15 - 15 W	4180 - 4100K 80Ra
				5080 - 5000K 80Ra
		4 - 4 feet	20 - 20 W	
			25 - 25 W	
			45 - 45 W	

Notice:

1. 3 feet is for special order. It will take a long time. Please check with Customer Service for details.
2. CRI 90 is available for special order and will take a long time. Please check with Customer Service for details.

PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.



PERFORMANCE DATA

LUMEN OUTPUT

Lumen values are measured by third party certified laboratories performed in accordance with IESNA LM-79-08 as well as Lighting Facts listed.

Nominal Watts	Measured Watts	Lumen Output	CCT	Length	CRI	Beam Angle	LPW
12W	12W	1500	5000K	2 feet	>80	120°	125
15W	15W	1890	5000K	3 feet	>80	120°	126
20W	19W	2850	5000K	4 feet	>80	120°	150
25W	25W	3700	5000K	4 feet	>80	120°	148
45W	43W	6320	5000K	4 feet	>80	120°	147

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperature from -4-104°F (-20-40°C)

Ambient		Multiplier
Celsius	Fahrenheit	
0	32	1.02
10	50	1.01
20	68	1.00
25	77	1.00
30	86	1.00
40	104	0.99

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the LED Linear Strip Retrofit Kit in a 77°F ambient, (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

Operating Hours	10,000	19,000	47,000	150,000
Lumen Maintenance Factor	0.98(L98)	0.96(L96)	0.90(L90)	0.70(L70)

Warranty

Five year limited warranty. Full warranty terms located at www.abovealllighting.com/warrantystatements

Specifications subject to change without notice.