

4 ft Single LED

Albeo's LED linear fixture provides an energy efficient, no maintenance alternative to traditional fluorescent strip lights. Ideal for office, commercial, industrial, and retail applications. Albeo's patent-pending TEMPR™ technology allows the LEDs to run cooler than fluorescent and last 3 to 5 times longer with no hazardous waste. The Linear Suspended LED provides light comparable to a fluorescent fixture at 1/3 less power.

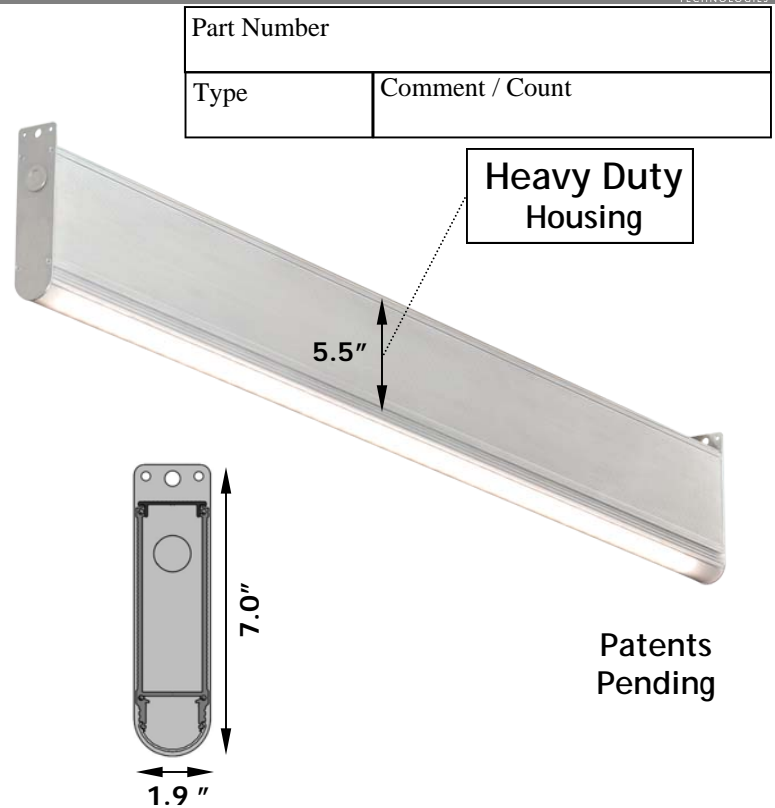
Robust and Innovative Construction
Heavy Duty extruded housing and Albeo's TEMPR™ thermal management technology transfers heat from the LED, reducing junction temperature for more light and longer life.

Superior Performance
High performance LEDs offer superior efficacy and visual acuity with broad spectrum, quality colors. Instant start time. No flicker or buzzing. -30 to +45 C operating temperature.

Optical Advantage
Directional LEDs put light where it's needed. Standard, narrow, or aisle lens available.

Electrical System
120V, 277V, 347V or Universal input. Variety of transformers available. Luminaire disconnect optional.

Easy Mounting
Standard chain/cable or rod suspended.



Controls
Optimize energy savings with occupancy/motion sensing and dimming options.

Lifetime
Independently certified in-situ temperature testing in conjunction with LM-80 tested LEDs provides L70 lifetime up to 100,000 hours.

Warranty
5 years, subject to Albeo's standard terms and conditions.

Ordering Information

Not all combinations available.

Product Platform	Model	# of LED bars	Length	LED CCT	LED Pitch	Input Voltage	Optics	Mounting	Intelligent Controls	Revision
LS		1	4							
LS Linear Suspended LED Light Fixture	B High Brightness V High Value	1 1 bar 2 2 bar	4 4 ft 8 8 ft	4 5000°K 5 4200°K 6 3500°K	0 1 inch (Bright) 1 1.5 inch (Value)	1 120 V 2 277 V 3 347 V U 120-277 Universal	0 Lens 1 No Lens D Diffused W Wide N Narrow (44° beam) A Aisle (14° beam)	C Chain R Rod N Cont. Run	0 None M Motion V 0-10V dimming L Line voltage dimming (120V only)	Revision used to further define product configuration. See chart on page 2.



LM-79 Tested

rev. 8.5.10

4 ft Single LED

Part Number	
Type	Comment / Count

Optical and Electrical Specifications

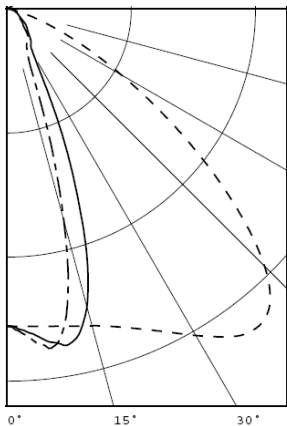
All options not listed. Please contact sales for technical specs of other part numbers.

Type	Part Number	Transformer	Dimming	Color	Temp	CRI	# LEDs	Lumens	Lm/W	Watts	UL
Bright	1-BAR										
	LS-B144-0x0x0-16	Toroid	0-10V only	Bright	5000 K	70	45	3215	74	43	yes
	LS-B145-0x0x0-16	Toroid	0-10V only	Cool	4200 K	85	45	2650	61	43	yes
	LS-B144-0x0x0-17	Toroid	0-10V only	Bright	5000 K	70	45	3750	69	54	yes
	LS-B145-0x0x0-17	Toroid	0-10V only	Cool	4200 K	85	45	3100	57	54	yes
	LS-B144-010xL-18	Electronic	yes	Bright	5000 K	70	45	3420	73	47	yes
	LS-B145-010xL-18	Electronic	yes	Cool	4200 K	85	45	2820	60	47	yes
	LS-B144-010xL-19	Electronic	yes	Bright	5000 K	70	45	3750	69	54	yes
	LS-B145-010xL-19	Electronic	yes	Cool	4200 K	85	45	3100	57	54	yes
	LS-B144-010x0-27	Power Supply	yes	Bright	5000 K	70	45	3420	73	47	yes
	LS-B145-010x0-27	Power Supply	yes	Cool	4200 K	85	45	2825	60	47	yes
	LS-B144-010x0-28	Power Supply	yes	Bright	5000 K	70	45	3750	69	54	yes
LS-B145-010x0-28	Power Supply	yes	Cool	4200 K	85	45	3175	57	54	yes	

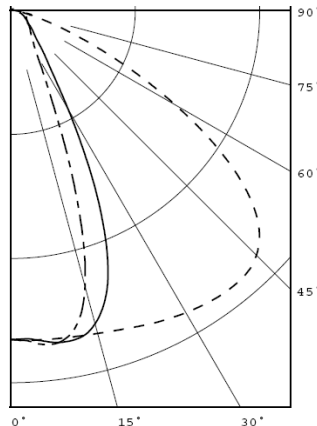
Power and light output can vary +/-10%

Photometry

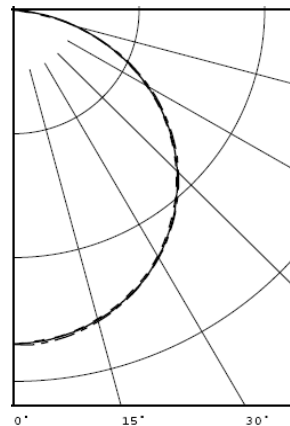
Tested to LM-79 standards. IES files available.



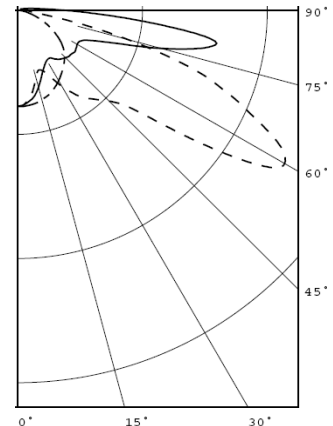
Aisle Distribution
14° Beam Spread



Narrow Distribution
44° Beam Spread



Standard Distribution
120° Beam Spread



Wide Distribution
"Bat Wing"

The Albeo LED Suspended Strip fixture must be installed by a qualified electrician. It is the responsibility of the contractor, installer, purchaser, owner, and user to install, maintain, and operate the fixture in such a manner as to comply with all state and local laws, ordinances, regulations, and the American National Standards Institute Safety Code.

US Patents Pending

Specification subject to change without notice. See website for latest version.

Made in America



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