

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. One strip provides light comparable to a two lamp 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

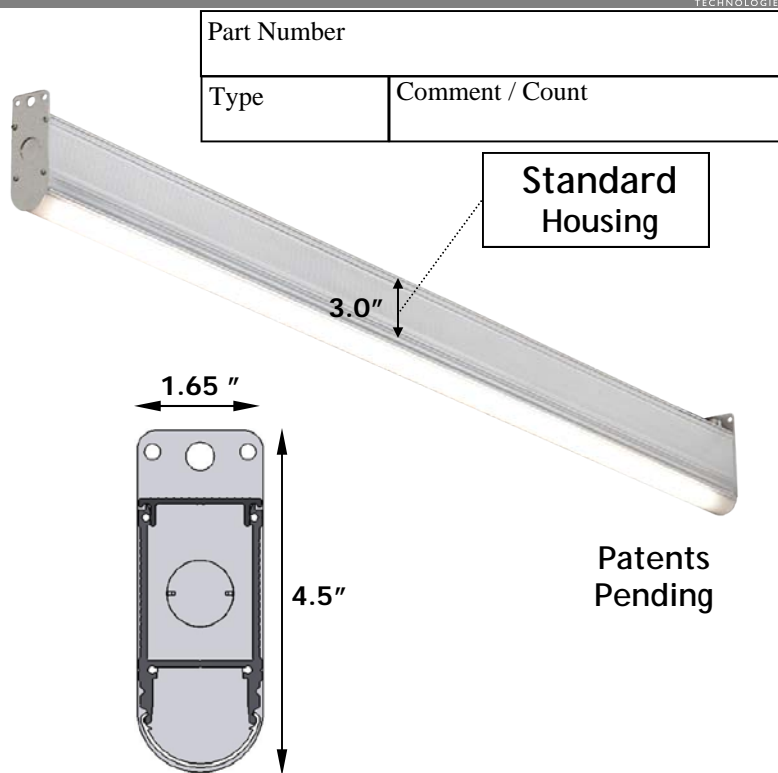
Directional LEDs put light where it's needed. Standard, narrow, or aisle lens available.

Electrical System

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

Easy Mounting

Standard chain/cable or rod suspended.



Patents Pending

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 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.

Made in America



LM-79
Tested

rev. 8.5.10

4 ft Single LED

Part Number	
Type	Comment / Count

Optical and Electrical Specifications

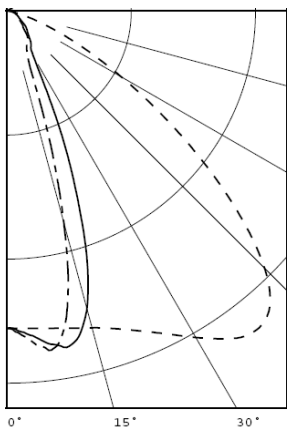
All options not listed. Please contact sales for technical specs of other part numbers.

Type	Part Number	Transformer	Dimming	Color	Temp	CRI	# LEDs	Lumens	Lm/W	Watts	UL
Value	LS-V144-1U0xx-10	Power Supply	0-10V only	Bright	5000 K	70	30	2140	74	29	yes
	LS-V145-1U0xx-10	Power Supply	0-10V only	Cool	4200 K	85	30	1770	61	29	yes
	LS-V144-1U0xx-11	Power Supply	0-10V only	Bright	5000 K	70	30	2500	69	36	yes
	LS-V145-1U0xx-11	Power Supply	0-10V only	Cool	4200 K	85	30	2065	57	36	yes
	LS-V144-110xL-12	Electronic	yes	Bright	5000 K	70	30	2140	74	29	yes
	LS-V145-110xL-12	Electronic	yes	Cool	4200 K	85	30	1770	61	29	yes
	LS-V144-110xL-13	Electronic	yes	Bright	5000 K	70	30	2500	69	36	yes
	LS-V145-110xL-13	Electronic	yes	Cool	4200 K	85	30	2065	57	36	yes
	LS-V144-1x0xx-14	Magnetic	0-10V only	Bright	5000 K	70	30	2140	74	29	no
	LS-V145-1x0xx-14	Magnetic	0-10V only	Cool	4200 K	85	30	1770	61	29	no
LS-V144-1x0xx-15	Magnetic	0-10V only	Bright	5000 K	70	30	2500	69	36	no	
LS-V145-1x0xx-15	Magnetic	0-10V only	Cool	4200 K	85	30	2065	57	36	no	
Bright	LS-B144-0U0xx-10	Power Supply	0-10V only	Bright	5000 K	70	45	3000	76	40	yes
	LS-B145-0U0xx-10	Power Supply	0-10V only	Cool	4200 K	85	45	2485	62	40	yes
	LS-B144-010xL-12	Electronic	yes	Bright	5000 K	70	45	3000	76	40	yes
	LS-B145-010xL-12	Electronic	yes	Cool	4200 K	85	45	2485	62	40	yes

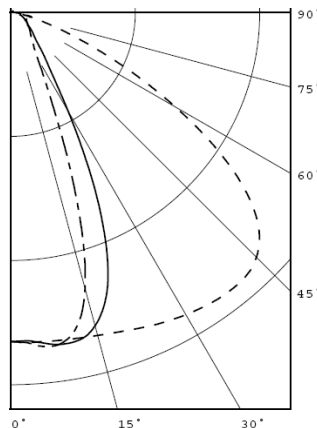
Power and light output can vary +/-10%

Photometry

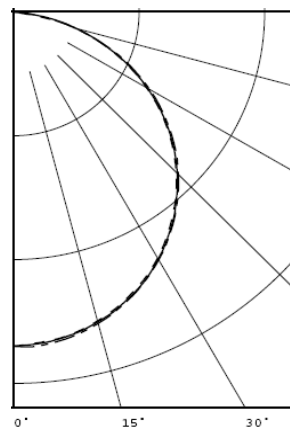
Tested to LM-79 standards. IES files available.



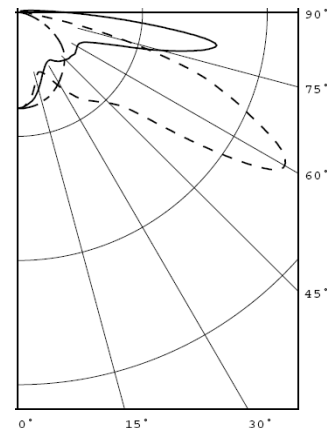
Aisle Distribution
14° Beam Spread



Narrow Distribution
44° Beam Spread



Standard Distribution
120° Beam Spread



Wide Distribution
"Bat Wing"

The Albeo LED Linear Suspended 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.

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