

T8LED CONVERSION KIT™



4ft LED Conversion Kit

Albeo's T8LED Conversion Kit changes fluorescent troffer fixtures into no-maintenance, high-efficiency LED fixtures. Albeo's patent-pending TEMPR™ Technology allows the LEDs to run cooler than fluorescent and last 50% longer with greater light output compared to competing LED "drop-in" solutions. The kit provides an ideal solution for gradual transition to LED in office, commercial, industrial, and retail environments as part of existing fluorescent maintenance programs.

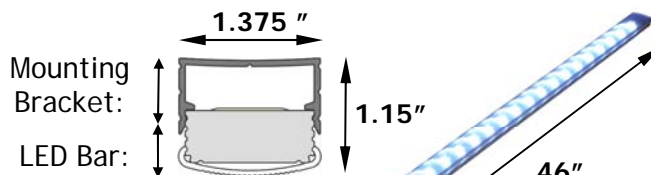
Robust and Innovative Construction
TEMPR™ thermal management technology transfers heat from the LED to the extruded aluminum housing, reducing the junction temperature for more light and longer life.

Optical Advantage
Directional LEDs put more light where it's needed, greatly increasing efficiency.

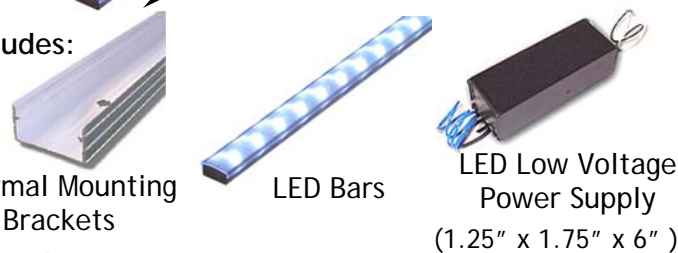
Best-in-Class LEDs
Brightest and highest efficacy LEDs come in a range of colors for energy savings up to 40%.

Options
Value or Ultra Value versions provide solutions for cost or light output priorities, both with energy saving performance.

Part Number	
Type	Comment / Count



Kit Includes:



Electrical System

120V to 277V universal input DC power supply.

Kit Components

Albeo's T8LED Conversion Kit consists of mounting brackets, LED bars, a power supply, and power cords. The mounting brackets provide a thermal path from the LEDs; the power supply replaces the ballast.

Warranty

The Albeo T8LED Conversion Kit is guaranteed for five years with proper installation, subject to Albeo's standard terms and conditions.

Ordering Information

Not all combinations available. Please contact sales.

Product Platform	Model	# of LED bars	Length	LED CCT	LED Pitch	Input Voltage	Optics	Mounting	Options	Revision
RK	V	2	K	4	1	U	0	B	0	0
RK T8LED Conversion Kit 46" (4ft)	V Value V Ultra Value	2 2 bars 3 3 bars	D 19" (2 ft Kit) K 46" (4ft Kit)	4 5000°K 5 4000°K 6 3500°K	1 1.5 inch (Value) 3 3 inch (Ultra Value)	U 120 to 277 V Universal	0 Lens 1 No Lens D Diffuser	B Aluminum Thermal Mounting Bracket	0 None	Revision used to further define product configuration. See chart on page 2.

Made in America



LM-79
Tested

rev. 10.21.10



GREENLIGHT INITIATIVE – New York, NY - Ph: (718) 784-4440 - Fax: (718) 228-8202 – Toll Free: 888-788-LEDS (5337) Sales@lednyc.com – info@lednyc.com – www.LEDnyc.com

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4ft LED Conversion Kit

Part Number	
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Optical and Electrical Specifications

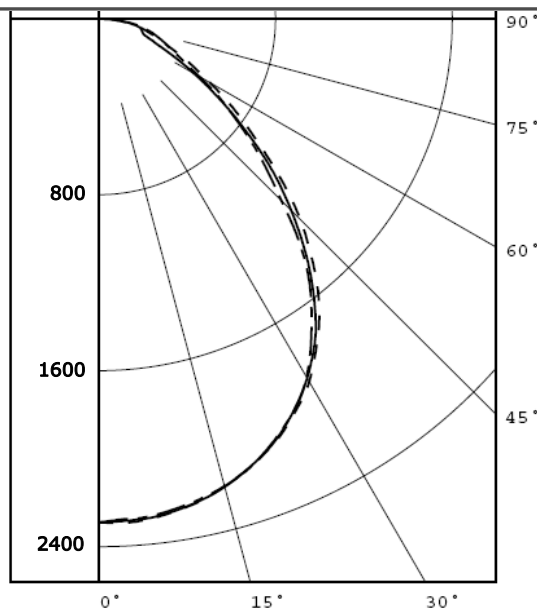
All options not listed. Please contact sales for technical specs of other part numbers.

Type	Part Number	Transformer	Dimming	CCT	CRI	# LEDs	Lumens	Lm/W	Watts	UL	
Ultra Value	2 LED Bars										
	RK-V2K4-3U1B0-11	Power Supply	No	5000 K	70	30	2720	74	37	No	
	RK-V2K5-3U1B0-11	Power Supply	No	4000 K	85	30	2300	62	37	No	
	RK-V2K6-3U1B0-11	Power Supply	No	3500 K	85	30	2025	55	37	No	
	RK-V2K4-3U1B0-29	Power Supply	No	5000 K	70	30	3100	70	44	No	
	RK-V2K5-3U1B0-29	Power Supply	No	4000 K	85	30	2565	58	44	No	
	RK-V2K6-3U1B0-29	Power Supply	No	3500 K	85	30	2300	52	44	No	
	3 LED Bars										
	RK-V3K4-3U1B0-11	Power Supply	No	5000 K	70	45	4075	74	55	No	
RK-V3K5-3U1B0-11	Power Supply	No	4000 K	85	45	3400	62	55	No		
RK-V3K6-3U1B0-11	Power Supply	No	3500 K	85	45	3040	55	55	No		
Value	2 LED Bars										
	RK-V2K4-1U1B0-10	Power Supply	No	5000 K	70	60	4660	79	59	No	
	RK-V2K5-1U1B0-10	Power Supply	No	4000 K	85	60	3850	65	59	No	
	RK-V2K6-1U1B0-10	Power Supply	No	3500 K	85	60	3450	59	59	No	
	RK-V2K4-1U1B0-11	Power Supply	No	5000 K	70	60	5450	74	74	No	
	RK-V2K5-1U1B0-11	Power Supply	No	4000 K	85	60	4500	61	74	No	
	RK-V2K6-1U1B0-11	Power Supply	No	3500 K	85	60	4050	55	74	No	

Power and light output can vary +/-10%

Photometry

Candela Distribution				
Vertical Angle	Horizontal Angle			Zonal Lumens
	0	45	90	
0	2271	2271	2271	
5	2271	2265	2258	216
15	2182	2185	2182	617
25	2014	2006	2004	927
35	1720	1700	1666	1060
45	1281	1222	1160	946
55	778	713	713	660
65	422	321	390	371
75	229	200	251	230
85	83	89	95	98
90	0	0	0	5128



Results based on RK-V2K4-111B0-R1B assembled into a 2' x 4' troffer.

The T8LED Conversion Kit 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 Conversion Kit in such a manner as to comply with all state and local laws, ordinances, regulations, and the American National Standards Institute Safety Code. See installation guide for mounting instructions.

US Patents Pending

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

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