

T8LED™ TROFFER RETROFIT KIT



White-LED Troffer Upgrade Kit

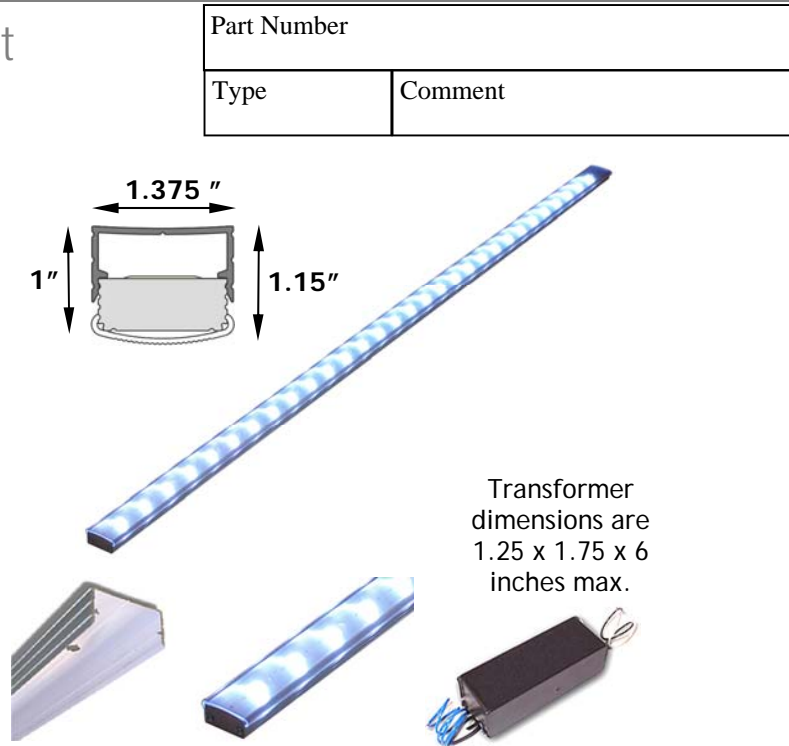
Albeo's T8LED Troffer Retrofit Kit converts fluorescent light fixtures into no-maintenance, high-efficiency LED fixtures. Albeo's patent-pending TEMPR™ Technology allows the LEDs to run cooler than fluorescent and last 50% longer with greater light output compared to competing LED bi-pin solutions. The 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 wide range of colors for almost any application.

Options
 High value, brightness, or efficacy versions provide solutions for a wide range of applications.



Electrical System
 110 or 277 VAC input. Dimming capabilities.

Kit Components
 Albeo's T8LED Retrofit Kit consists of mounting brackets, LED bars, a transformer, and power cords. The mounting brackets efficiently remove heat from the LED junction; a transformer replaces the ballast.

Warranty
 The Albeo T8LED Retrofit Kit is guaranteed for five years with proper installation, 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	Options
RK	V	2	K	5	1	1	1	B	0
RK White-LED T8 Fluorescent Replacement Kit	V High Value B High Brightness E High Efficacy	2 2 bars 3 3 bars 4 4 bars	D 19" K 46" V 91"	4 5000°K 5 4200°K 6 3500°K	0 1 inch 1 1.5 inch 3 3 inch	1 110 V 2 277 V	0 Lens 1 No Lens D Diffuser	B Aluminum Thermal Mounting Bracket	0 None

For shortest lead times, order standard options in bold.
 For more options or custom configurations, please contact sales.

rev. 10.20.08



Industrial Strength LED Lighting

1. 866. 825. 5420
 www.albeotech.com

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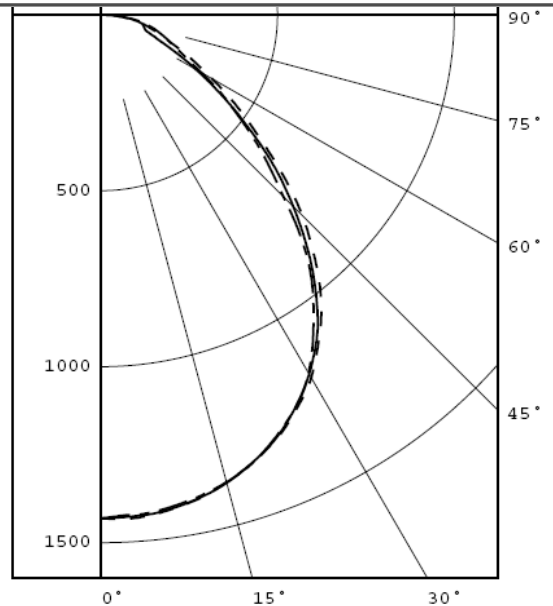
Value Version Specifications*

Existing Fixture	Size	Retrofit Part Number	Color	Temp	# of bars	Total LEDs	Watts
2 lamp	2 x 2	RK-V2D4-311B0-R2	Daylight	5000 K	2	12	16
	2 x 2	RK-V2D5-311B0-R2	Cool	4200 K	2	12	16
	2 x 2	RK-V2D6-311B0-R2	Warm	3500 K	2	12	16
	2 x 4	RK-V2K4-311B0-R2	Daylight	5000 K	2	30	40
	2 x 4	RK-V2K5-311B0-R2	Cool	4200 K	2	30	40
	2 x 4	RK-V2K6-311B0-R2	Warm	3500 K	2	30	40
3 lamp	2 x 2	RK-V2D4-111B0-R0	Daylight	5000 K	2	24	26
	2 x 2	RK-V2D5-111B0-R0	Cool	4200 K	2	24	26
	2 x 2	RK-V2D6-111B0-R0	Warm	3500 K	2	24	26
	2 x 4	RK-V2K4-111B0-R0	Daylight	5000 K	2	60	65
	2 x 4	RK-V2K5-111B0-R0	Cool	4200 K	2	60	65
	2 x 4	RK-V2K6-111B0-R0	Warm	3500 K	2	60	65
4 lamp	2 x 2	RK-V2D4-111B0-R1	Daylight	5000 K	2	24	32
	2 x 2	RK-V2D5-111B0-R1	Cool	4200 K	2	24	32
	2 x 2	RK-V2D6-111B0-R1	Warm	3500 K	2	24	32
	2 x 4	RK-V2K4-111B0-R1	Daylight	5000 K	2	60	80
	2 x 4	RK-V2K5-111B0-R1	Cool	4200 K	2	60	80
	2 x 4	RK-V2K6-111B0-R1	Warm	3500 K	2	60	80

* Note: Other versions available. Please contact Albeo Sales for more information.

Photometry

Candela Distribution				
Vertical Angle	Horizontal Angle			Zonal Lumens
	0	45	90	
0	1431	1431	1431	
5	1431	1427	1423	136
15	1375	1377	1375	389
25	1269	1264	1263	584
35	1084	1071	1050	668
45	807	770	731	596
55	490	449	449	416
65	266	202	246	234
75	144	126	158	145
85	52	56	60	62
90	0	0	0	3231



Results based on RK-V2K5-111B0 assembled into a 2' x 4' troffer.

The Albeo T8LED Retrofit 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 T8LED Retrofit 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.

