

T8LED TROFFER™ 2FT



2ft LED Troffer

Albeo's T8LED recessed static troffer provides an energy efficient, no maintenance alternative to traditional fluorescent light fixtures. Ideal for office, commercial, industrial, and retail applications. Albeo's patent-pending TEMPR™ Technology allows the LEDs to run cooler than fluorescent and last 50% longer than similar LED bi-pin solutions with no hazardous waste.



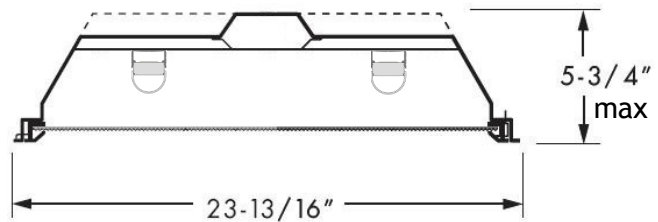
**LM-79
Tested**



**Patents
Pending**

Robust and Innovative Construction

22 gage cold rolled steel with white powder coat. TEMPR™ thermal management technology transfers heat from the LED to the housing, reducing junction temperature for more light and longer life.



Door Frame

0.050" extruded aluminum with fully enclosed spring loaded cam latches. T-slot steel hinge ensures positive retention when door is opened.

Optical Advantage

Brightest and highest efficacy LEDs come in a wide range of colors for almost any application. Directional LEDs put more light where it's needed, greatly increasing efficiency. #12 pattern, 0.125" acrylic overlay standard.

Options

High value or brightness options provide solutions for a wide range of applications.

Electrical System

110 to 277V universal input DC power supply is standard. AC and dimming options are available.

Easy Mounting

NEMA type "G" standard.

Warranty

The T8LED Troffer is guaranteed for five 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	Options	Revision
TR			2				0	G	0	
TR 2ft T8LED Troffer	B Bright (1" pitch) V Value (1.5" pitch)	2 2 bars 3 3 bars	2 2x2 ft 4 2x4 ft	4 5000°K 5 4000°K 6 3500°K	0 1 inch (Bright) 1 1.5 inch (Value)	1 120 V 2 277 V U 120 to 277V Universal	0 Acrylic Lens Panel	G NEMA G	0 None	Revision used to further define product configuration. See chart on page 2.

For more options or custom configurations, please contact sales.

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rev. 9.8.10



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2ft LED Troffer

Part Number	
Type	Comment / Count

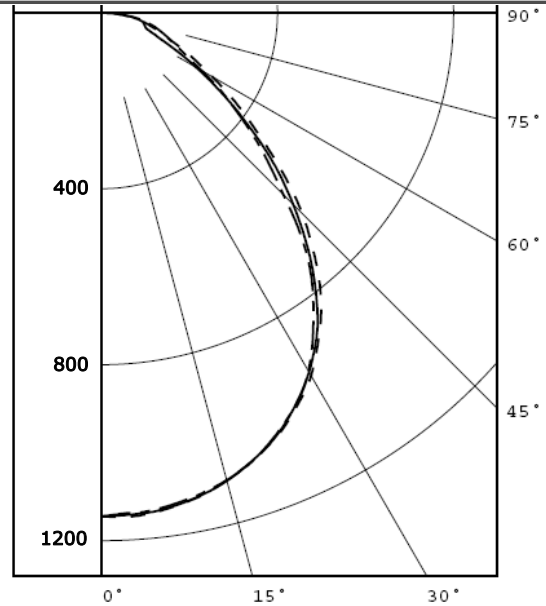
Optical and Electrical Specifications

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

Type	Part Number	Transformer	Dimming	CCT	CRI	# LEDs	Lumens	Lm/W	Watts	UL	
Value	2 LED Bars										
	TR-V224-1U0G0-11	Power Supply	No	5000 K	70	24	1870	64	29	Yes	
	TR-V225-1U0G0-11	Power Supply	No	4000 K	85	24	1550	53	29	Yes	
	TR-V226-1U0G0-11	Power Supply	No	3500 K	85	24	1440	50	29	Yes	
	3 LED Bars										
	TR-V324-1U0G0-10	Power Supply	No	5000 K	70	36	2410	67	36	Yes	
	TR-V325-1U0G0-10	Power Supply	No	4000 K	85	36	1980	55	36	Yes	
	TR-V326-1U0G0-10	Power Supply	No	3500 K	85	36	1780	49	36	Yes	
	TR-V324-1U0G0-11	Power Supply	No	5000 K	70	36	2800	64	44	Yes	
	TR-V325-1U0G0-11	Power Supply	No	4000 K	85	36	2325	53	44	Yes	
TR-V326-1U0G0-11	Power Supply	No	3500 K	85	36	2065	47	44	Yes		
Bright	3 LED Bars										
	TR-B324-0U0G0-11	Power Supply	No	5000 K	70	54	3380	69	49	No	
	TR-B325-0U0G0-11	Power Supply	No	4000 K	85	54	2800	57	49	No	
	TR-B326-0U0G0-11	Power Supply	No	3500 K	85	54	2500	51	49	No	
	TR-B324-0U0G0-12	Power Supply	No	5000 K	70	54	3840	66	58	No	
	TR-B325-0U0G0-12	Power Supply	No	4000 K	85	54	3180	55	58	No	
TR-B326-0U0G0-12	Power Supply	No	3500 K	85	54	2840	49	58	No		

Photometry

Candela Distribution				
Vertical Angle	Horizontal Angle			Zonal Lumens
	0	45	90	
0	1188	1188	1188	
5	1188	1184	1181	113
15	1141	1143	1141	323
25	1053	1049	1048	485
35	900	889	872	554
45	670	639	607	495
55	407	373	373	345
65	221	168	204	194
75	120	105	131	120
85	43	46	50	51
90	0	0	0	2682



Photometry results based on TR-V324-110G0-R1B troffer.

The Albeo T8LED Troffer 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 Troffer 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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