

T8 PC+ALUMINUM TUBE

TYPE B | 2' | 3' | 4'

Indoor Lighting | Tubes



OVERVIEW

Power	2': 8W 3': 12W 4': 9W 12W 18W
Voltage	AC 100-277V, 50/60 Hz
Power Factor	0.876
Efficacy	Up to 166lm/W
CCT	4000K 5000K
Color Rendering (CRI)	83
R9 (Red Value)	7
R13 (Skin Tones)	83
Beam Angle	147°
Dimmable	Continuous Dimming to 10% or Below
Operating Temperature	-4°F ~ +104°F
Suitable Location	DAMP
Ingress Protection Rating (IP)	IP20
Average Life (Hours)	50,000
LED Light Source	Runlite SMD 2835
Driver	Internal Driver
Housing	Aluminum
Cover Material	Polycarbonate
Diffuser	Frosted Clear
Base	G13 (Double Ended Wiring)
Finish	White

Product Description

The T8 PC + Aluminum Tube Type B offers seamless installation, operating directly from the main switch without complex rewiring. Its durable polycarbonate and aluminum construction ensures reliability, while high efficacy light output delivers consistent, flicker-free illumination for enhanced visibility. Made with Tier-1 domestically sourced materials, it complies with BAA/BABAA standards, making it ideal for federal and commercial projects.

Features

- Premium quality with BAA & BABAA compliance, crafted using Tier-1 domestically sourced materials to meet the 65% federal procurement mandate.
- Effortless installation; runs directly off the main switch, eliminating the need for extensive rewiring.
- Built with precision using high-speed SMT lines, ensuring uniform visual appeal and reliable performance.
- Designed for maximum efficiency, offering high-output illumination with zero flicker and a wide, evenly distributed beam angle.
- Integrated universal line voltage driver optimizes energy usage and reduces maintenance costs.

Applications Area

Offices, Schools, Hospitals, Retail Stores, Lobbies, General Areas, Residential Spaces

Warranty



Warranty Limitations: To ensure eligibility, the product must be installed by a certified electrician in accordance with the guidelines outlined in the installation sheet. The fixture is designed for operation within ambient temperatures of -4°F to +104°F. The 10-year warranty remains valid only if all operating conditions strictly adhere to the parameters specified in the installation sheet. Any installation errors or deviations from the provided instructions will void warranty coverage.

Additional coverage options may be available for purchase—please contact IKIO representatives for more information. Warranty claims must be initiated by submitting a completed RMA form. For full warranty details and terms, refer to the comprehensive [warranty document](#).

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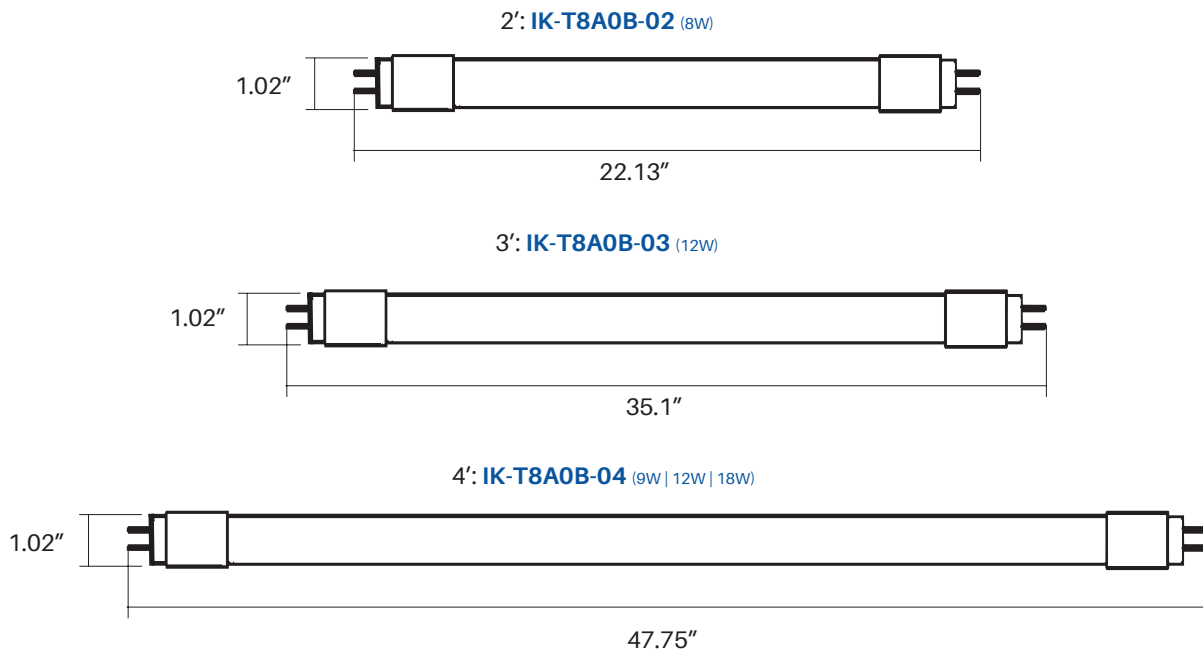


Product Specifications

PART NUMBER	SIZE	POWER	VOLTAGE	LUMEN OUTPUT	EFFICACY	CRI	DIFFUSER	CCT	THD
	ft	W	V	lm	lm/W			K	
IK-T8A0B-02-F0008-MV-D-40K-UD-00-WH-BFU-SF	2	8	100V-277V	1200	177	81	Frosted	4000	13%
IK-T8A0B-03-F0012-MV-D-40K-UD-00-WH-BFU-SF	3	12	100V-277V	1560	177	81	Frosted	4000	13%
IK-T8A0B-04-F0009-MV-D-40K-UD-00-WH-BFU-SF	4	9	100V-277V	1350	177	81	Frosted	4000	13%
IK-T8A0B-04-F0012-MV-D-40K-UD-00-WH-BFU-SF	4	12	100V-277V	1824	177	81	Frosted	4000	13%
IK-T8A0B-04-F0018-MV-D-40K-UD-00-WH-BFU-SF	4	18	100V-277V	2804	177	81	Frosted	4000	13%
IK-T8A0B-04-F0018-MV-D-40K-UD-00-WH-BFU-SC	4	18	100V-277V	2950	177	81	Clear	4000	13%
IK-T8A0B-02-F0008-MV-D-50K-UD-00-WH-BFU-SF	2	8	100V-277V	1200	177	81	Frosted	5000	13%
IK-T8A0B-03-F0012-MV-D-50K-UD-00-WH-BFU-SF	3	12	100V-277V	1560	177	81	Frosted	5000	13%
IK-T8A0B-04-F0009-MV-D-50K-UD-00-WH-BFU-SF	4	9	100V-277V	1350	177	81	Frosted	5000	13%
IK-T8A0B-04-F0012-MV-D-50K-UD-00-WH-BFU-SF	4	12	100V-277V	1824	177	81	Frosted	5000	13%
IK-T8A0B-04-F0018-MV-D-50K-UD-00-WH-BFU-SF	4	18	100V-277V	2804	177	81	Frosted	5000	13%
IK-T8G0B-04-F0018-MV-D-50K-UD-00-WH-BFU-SC	4	18	100V-277V	2950	177	81	Clear	5000	13%

Note: Custom manufacturing options in CCT, wattage, voltage, light distribution, finish, and more are available upon request, subject to MOQ and lead time considerations.

Dimensions



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Product Ordering Information Typical order example: IK-T8A0B-02-F0008-MV-D-40K-UD-00-WH-BFU-SF

LUMINAIRE FAMILY			ELECTRICAL / LIGHTING PERFORMANCE						CONSTRUCTION		
IK	T8A0B			MV	D	40K	UD	00	WH	BFU	
BRAND	FAMILY/VERSION	VARIANT	POWER (W)	VOLTAGE (V)	DIMMING	CCT (K)	DISTRIBUTION	DRIVER	FINISH	MANUFACTURER	DIFFUSER
IK IKIO	T8A0B T8 PC+ALUMINUM TUBE TYPE B	02 2'	F0008 8W	MV 100V-277V	D DIMMABLE	40K 4000K	UD TYPE I	00	WH WHITE	BFU BRIGHT FUTURE USA, INC	SF FROSTED
		03 4'	F0012 12W								SC CLEAR
		04 4'	F0009 9W								
			F0012 12W								
			F0018 18W								

Note: Please ensure compatibility with this specific fixture size when selecting this option.