

# SIGMA GEN2

T8 EMERGENCY TUBE TYPE B | 4' | SINGLE END POWER INPUT

Indoor Lighting | Tubes



## OVERVIEW

Power	15W
Voltage	AC 120-277V, 50/60 Hz
Power Factor	0.9
Efficacy	146.7 lm/W
CCT Selectable	3500K-4000K-5000K
R9 (Red Value)	4
R13 (Skin Tones)	83-86-86
Dimmable	Continuous Dimming to 10% or Below
Operating Temperature	-32°F ~ +104°F
Storage Temperature	-4°F ~ +86°F
Relative Humidity	45% - 85%
Suitable Location	<b>DAMP</b>
Average Life (Hours)	50,000
LED Light Source	Seoul, STW8A12D-D1-VN
Driver	Internal Driver/Line Voltage (UL Type B) Lamps
Base	G13
Housing	Oval Extruded Aluminum
Cover Material	Polycarbonate
Diffuser	Frosted
Finish	White

## EMERGENCY BACKUP

Emergency Power	2.5W
Emergency Lumens	380lm
Time	90 Minutes
Lithium Battery	9.6 V, 600 mAh Lithium

## Product Description

The Sigma Gen2 is ideal for hospitals, schools, and public infrastructure requiring uninterrupted lighting. Its dual-input system ensures seamless functionality during emergencies, charging backup batteries while maintaining standard operations. Advanced self-diagnostic features perform regular automated testing, enhancing reliability in life-safety systems. The emergency tube combines functionality and compliance, making it an essential component of safety-focused lighting systems in federal projects.

## Features

- Premium quality with BAA & BABAA compliance, engineered using Tier-1 domestically sourced materials to meet the 65% federal procurement mandate.
- Emergency-ready design with a dual input system for seamless power and battery management.
- Advanced self-test functionality featuring automated monthly and yearly diagnostics for optimal performance.
- Uniform visual appeal with precision design for consistent and seamless light replacement.

## 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 -32°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](#).

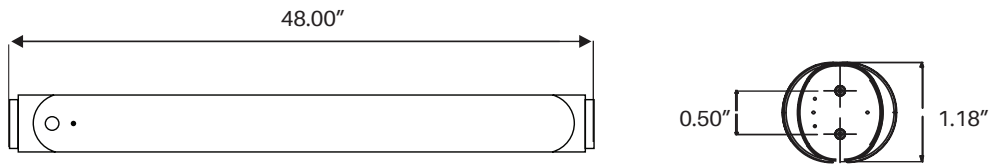
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## Product Specifications

PART NUMBER	SIZE	POWER	VOLTAGE	LUMEN OUTPUT	EFFICACY	CRI	DIFFUSER	CCT SELECTABLE	THD
	ft	W	V	lm	lm/W			K	
IK-T8A0B-04-F0015-MV-D-CCT-UD-00-WH-BFU-SFEM2	4	15	120V-277V	2200	146.7	80	Frosted	3500K-4000K-5000K	10%

## Dimensions



## Product Ordering Information Typical order example: IK-T8A0B-04-F0015-MV-D-CCT-UD-00-WH-BFU-SFEM2

LUMINAIRE FAMILY			ELECTRICAL / LIGHTING PERFORMANCE						CONSTRUCTION			
IK	T8A0B	04	F0015	MV	D	CCT	UD	00	WH	BFU	SF	EM2
BRAND	FAMILY/VERSION	SIZE	POWER (W)	VOLTAGE (V)	DIMMING	CCT (K)	DISTRIBUTION	DRIVER	FINISH	MANUFACTURER	DIFFUSER	EMERGENCY BACKUP
IK IKIO	T8A0B SIGMA GEN2 T8 EMERGENCY TUBE	04 4'	F0015 15W	MV 120V-277V	D DIMMABLE	CCT 3500K-4000K-5000K	UD ULTRA WIDE DISTRIBUTION	00	WH WHITE	BFU BRIGHT FUTURE USA, INC	SF FROSTED	EM2 EMERGENCY DRIVER

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