

APEX

LINEAR LOW BAY | WITH INTEGRATED SENSOR OPTION

Indoor Lighting | Linear Low Bays



OVERVIEW

Power Selectable	2' : 15W-20W-25W 4' : 20W-30W-40W 8' : 50W-60W-70W
Voltage	AC 120-277V, 50/60 Hz
Power Factor	0.9
Surge Protection	L/N-PE: 2kV, L-N: 1kV
Efficacy	Up to 148lm/W
CCT Selectable	3000K-4000K-5000K
Color Rendering (CRI)	84
R9 (Red Value)	11
R13 (Skin Tones)	85-87-83
Beam Angle	130°
Light Distribution	Type I
Dimmable	Continuous Dimming to 10% or Below
Operating Temperature	-31°F ~ +113°F
Suitable Location	DAMP
Ingress Protection Rating (IP)	IPX4
Average Life (Hours)	50,000
LED Light Source	Lumileds SMD2835
Driver	Becky - BQE65-1250-52-PV-S1S2
Housing	Iron
Cover Material	Polycarbonate (Round)
Diffuser	Frosted
Finish	White

Product Description

The Apex Linear Low Bay is a great lighting solution for high-traffic environments. Its integrated sensor enables smart lighting control, optimizing energy usage through automated adjustments based on occupancy or daylight. Delivering superior efficacy and uniform illumination, Apex enhances visibility and safety. Built for durability, it meets the highest industry standards for performance and compliance, making it an asset for federal projects.

Features

- Premium quality with BAA & BABAA compliance, designed and manufactured using Tier-1 domestically sourced materials to meet the 65% federal procurement mandate.
- Advanced CCT and power selectability allows precise adjustments for varied applications, validated through spectrometer and photometric testing.
- Integrated sensor technology enables smart lighting control, automating adjustments to enhance energy efficiency and reduce manual intervention.
- Equipped with 0-10V dimming functionality for seamless integration with standard lighting control systems.

Application Areas

Larger Warehouses, Retail Spaces, Commercial Buildings, Walkways, Residential Spaces, General Areas

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 -31°F to +113°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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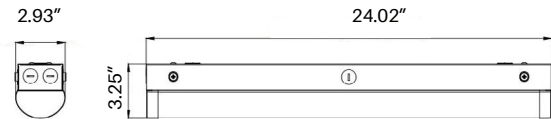
Product Specifications

PART NUMBER	SIZE	POWER SELECTABLE	VOLTAGE	LUMEN OUTPUT	EFFICACY	CRI	SENSOR	CCT SELECTABLE	THD	LIGHT DISTRIBUTION
	ft	W	V	lm	lm/W			K		
IK-LLB1-02-S0025-MV-D-CCT-WD-09-WH-BFU-SF	2	15-20-25	120V-277V	2355-3140-3925	147.88	83	No	3000-4000-5000	15%	Type I
IK-LLB1-04-S0040-MV-D-CCT-WD-09-WH-BFU-SF	4	20-30-40	120V-277V	2760-4140-5520	123.71	84	No	3000-4000-5000	15%	Type I
IK-LLB1-08-S0070-MV-D-CCT-WD-09-WH-BFU-SF	8	50-60-70	120V-277V	6993-8392-10123	139.87	84	No	3000-4000-5000	15%	Type I
IK-LLB1-08-S0070-MV-D-CCT-WD-09-WH-BFU-SFMWS	8	50-60-70	120V-277V	6993-8392-10123	139.87	84	Yes	3000-4000-5000	15%	Type I

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

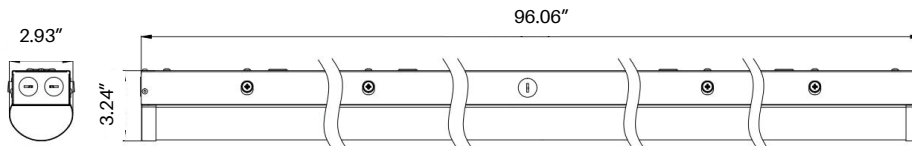
2' : IK-LLB1-02-S0025 (15W-20W-25W)



4' : IK-LLB1-04-S0040 (20W-30W-40W)



4' : IK-LLB1-08-S0070 (50W-60W-70W)






Product Ordering Information




Typical order example: IK-LLB1-02-S0025-MV-D-CCT-WD-09-WH-BFU-SF

LUMINAIRE FAMILY			ELECTRICAL / LIGHTING PERFORMANCE							CONSTRUCTION			
IK	LLB1			MV	D	CCT	WD	09	WH	BFU	SF		
BRAND	FAMILY/VERSION	VARIANT	POWER (W)	VOLTAGE (V)	DIMMING	CCT (K)	DISTRIBUTION	DRIVER	FINISH	MANUFACTURER	DIFFUSER	SENSOR	
IK IKIO	LLB1 APEX LINEAR LOW BAY	02 2'	S0025 12W-20W-26W	MV 120V-277V	D DIMMABLE	CCT 3000K-4000K-5000K	WD WIDE DISTRIBUTION	09 BECKY	WH WHITE	BFU BRIGHT FUTURE USA, INC	SF FROSTED	MWS MICROWAVE MOTION SENSOR	
		04 4'	S0040 20W-30W-40W										
		08 8'	S0070 50W-60W-70W										

Note: Integrated Sensor option is only available with 8' fixture "S0070" only. Please ensure compatibility with this specific fixture size when selecting this option.

Accessories Ordering Information

PRODUCT CODE	DESCRIPTION	IMAGE	DOWNLOAD
IK-HD016VCR	Microwave Motion Sensor		Download
IK-ACC-HD05R	Remote For Microwave Motion Sensor		Download
IK-LLB08-SMK	Surface Mount Kit		Download

PRODUCT CODE	DESCRIPTION	IMAGE	DOWNLOAD
IK-LLB08-ARC	Suspension Cable Kit		Download
IK-LLB-LP	Linkable Plate		Download
IK-ACC-8W-EMD	Emergency LED Driver		Download