

AMPLIN GEN2

LINEAR HIGH BAY

indoor Lighting | High Bays



OVERVIEW

Power Selectable	2' : 70W-100W-150W 4' : 100W-150W-200W 4' : 200W-240W-300W
Voltage	AC 100-277V, 50/60 Hz
Power Factor	0.967
Surge Protection	5kV
Efficacy	Up to 152lm/W
CCT	5000K
R9 (Red Value)	14
R13 (Skin Tones)	86
Beam Angle	120°
Light Distribution	Type VS
BUG Rating	B4-U2-G2
Dimmable	Continuous Dimming to 10% or Below
Operating Temperature	-10°F ~ +120°F
Suitable Location	DAMP
Ingress Protection Rating (IP)	IP54
Average Life (Hours)	75,000
LED Source	Bridgelux 2835
Driver	Inventronics
Power Supply	Hard Wired
Housing	Aluminum
Cover Material	Polycarbonate
Diffuser	Frosted
Finish	White (Powder Coated)

Product Description

The Amplin Gen 2 Linear High Bay is a federally compliant lighting solution for warehouses, manufacturing plants, and high-ceiling applications. Its power selectability ensures adaptability for diverse lighting needs, while precision-placed LEDs provide uniform illumination with high color accuracy. The 5kV surge protection safeguards against voltage fluctuations, ensuring operational reliability. Designed with compliance in mind, it's a dependable choice for federal projects.

Features

- Premium quality with BAA & BABAA compliance, crafted using Tier-1 domestically sourced materials in a state-of-the-art facility to meet the 65% federal procurement mandate.
- Advanced power selectability enables seamless customization for diverse lighting scenarios.
- High-grade optics and precision-placed LEDs deliver up to 75,000 hours of flicker-free, uniform illumination with a high CRI for vivid color rendering.
- Integrated 6kV surge protection safeguards against voltage fluctuations, enhancing operational safety and product reliability.

Application Areas

Manufacturing Facilities, Warehouses, Gymnasiums, Athletic Facilities, Workshops, Large Areas, Parking Lots

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 -10°F to +120°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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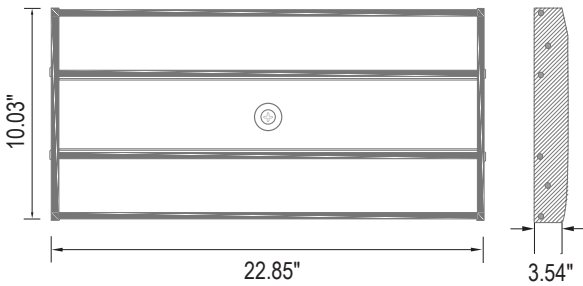
Product Specifications

PART NUMBER	POWER SELECTABLE (OPTIONS)	VOLTAGE	LUMEN OUTPUT	EFFICACY	CRI	CURRENT	CCT	THD	LIGHT DISTRIBUTION
	W	V	lm	lm/W		A	K		
IK-LHB2-02-S0150-MV-D-50K-WD-02-WH-BFU	70	120V-277V	11358	152	85	0.60	5000	8.20%	Type VS
	100		15144						
	150		21419						
IK-LHB2-04-S0200-MV-D-50K-WD-02-WH-BFU	100	120V-277V	14877	149	86	0.80	5000	12.8%	Type VS
	150		22316						
	200		29973						
IK-LHB2-04-S0300-MV-D-50K-WD-02-WH-BFU	200	120V-277V	27000	135	86	1.20	5000	9.7%	Type VS
	240		32400						
	300		40500						

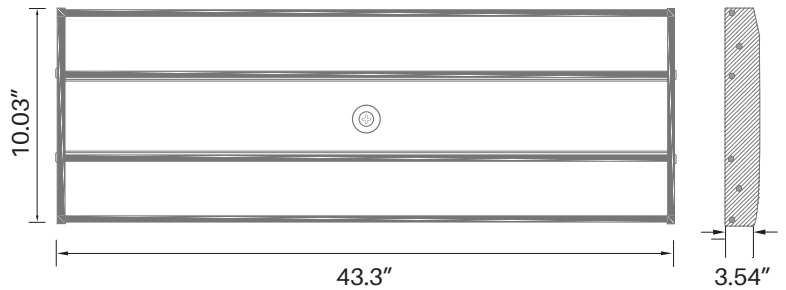
Note: Custom manufacturing options in CCT, wattage, voltage, light distribution, finish, and more are available upon request, subject to MOQ and lead time considerations.

Dimensions

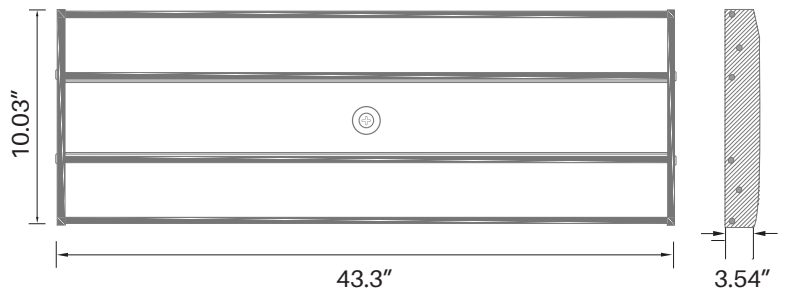
2' : IK-LHB2-02-S0150 (75W-100W-150W)



4' : IK-LHB2-04-S0200 (100W-150W-200W)



4' : IK-LHB2-04-S0300 (200W-240W-300W)



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Product Ordering Information Typical order example: IK-LHB2-02-S0150-MV-D-50K-WD-02-WH-BFU

LUMINAIRE FAMILY		ELECTRICAL / LIGHTING PERFORMANCE							CONSTRUCTION	
IK	LHB2			MV	D	50K	WD	02	WH	BFU
BRAND	FAMILY/VERSION	SIZE	POWER (W)	VOLTAGE (V)	DIMMING	CCT (K)	DISTRIBUTION	DRIVER	FINISH	MANUFACTURER
IK IKIO	LHB2 AMPLIN GEN2 LINEAR HIGH BAY	02 2'	S0150 75W-100W-150W	MV 100-277V	D DIMMABLE	50K 5000K	WD WIDE DISTRIBUTION	02 INVENTRONICS	WH WHITE	BFU BRIGHT FUTURE USA, INC
		04	S0200 100W-150W-200W							
		4'	S0300 200W-240W-300W							

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

Accessories Ordering Information

PRODUCT CODE	DESCRIPTION	IMAGE	DOWNLOAD
IK-ACC-ARC	Suspension Cable Kit		Download
IK-OCCS	Microwave Smart Controller (Black Sensor)		Download
IK-HD05R-Digital	Microwave Motion Sensor Remote		Download

PRODUCT CODE	DESCRIPTION	IMAGE	DOWNLOAD
IK-EMH-18170-HY	Emergency Pack For Led Fixture 18W/90 Min/Split Type/L (On Field)		Download
IK-10W-ED	Emergency Pack For Led Fixture 10W/90 Min/Split Type/L (Factory Installed)		Download
IK-ACC-HD07VR	3 Pin Microwave Motion Sensor		Download