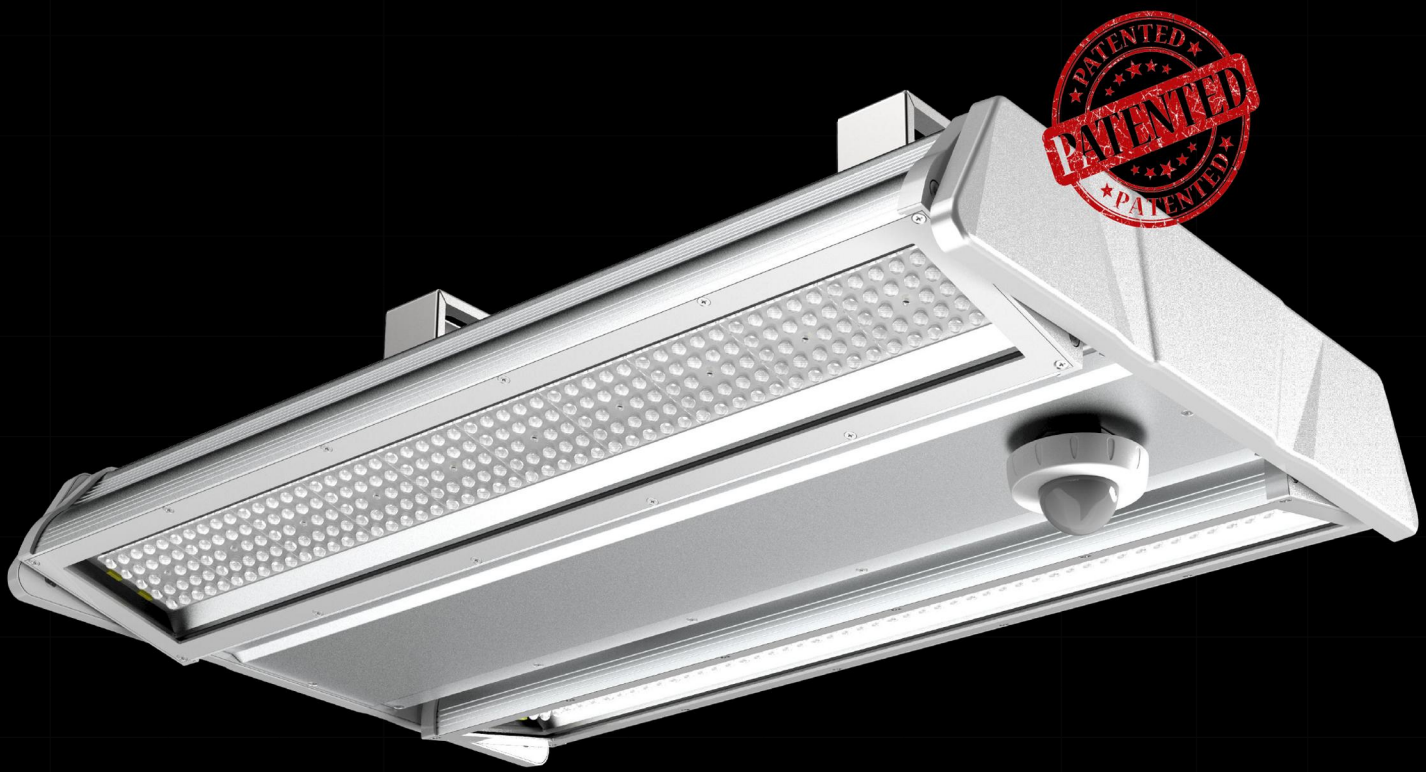
ACE
LED Light

10 years warranty | Up to 80℃ | 200 lm/w



ELHB Series

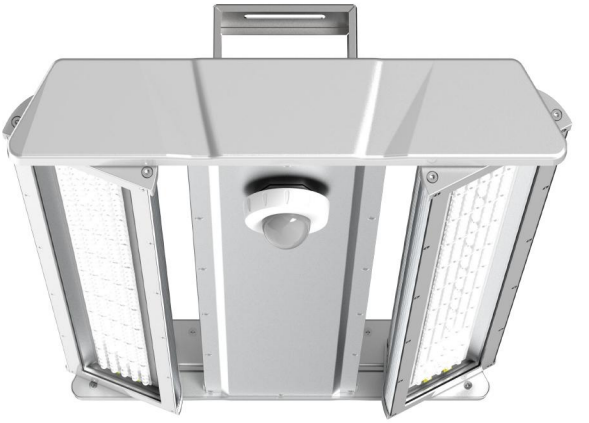
LED Linear High Bay Light

- Adjustable Irradiation Direction
- Various Optics for Flexible Adaptation
- Modular Design Allows Replacement of LED or Driver
- Tempered Glass with IP66 Waterproofing
- Smooth Backside – Dust and Dirt Resistant
- High-Temperature Version up to 80℃
- Flexible Mounting Options
- Sensor pluggable, mounting sensors whenever you need
- Efficiency up to 200 LPW
- Power field-adjustable, reduce SKUs by up to 80%

CE ETL LISTED c US Intertek RoHS ENEC DLC LISTED DALI zigbee Bluetooth

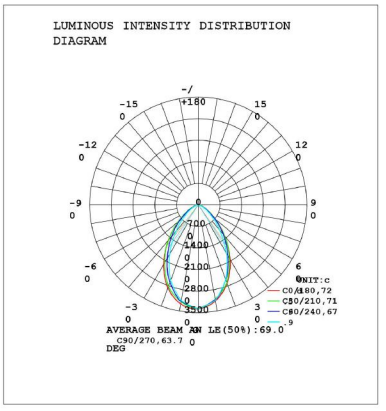
Modular Design with Multi-Position Rotational Adjustment of the Beam Angle

Adjust the light exactly where it’s needed. Each ELHB module rotates independently, offering multi-position beam control for precise illumination of aisles, workstations, or open spaces.

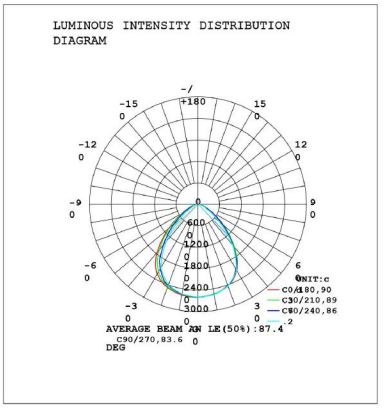


Various Beam Angles for Flexible Adaptation

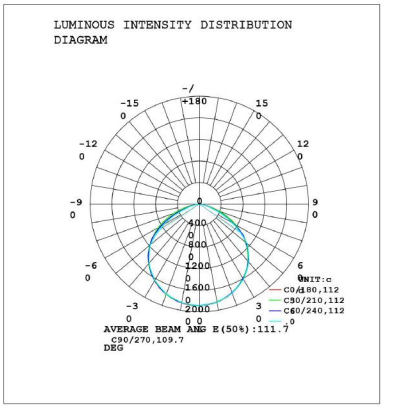
Choose from multiple beam angles to match your application needs. From focused aisle lighting to wide-area coverage, ELHB adapts seamlessly to any environment.



60°



90°



120°

Modular Design Allows Replacement of LED

Reduce downtime and extend lifespan. ELHB's modular design enables quick replacement of either the LED module or power supply—no need to replace the entire luminaire.

IP66 Protection & Glass Cover

Built for tough environments. The tempered glass cover and IP66 protection guarantee reliable operation in humid, wet,

Smooth Backside – Dust and Dirt Resistant

Stay clean, operate longer. The smooth backside design prevents dust buildup, making ELHB ideal for dirty or dusty industrial environments.

ACE
LED Light

High-Efficiency Aluminum Alloy Heat Sink

Engineered for extreme conditions. The pure aluminum alloy heat sink provides efficient cooling, with high-temperature models operating reliably up to 80°C.

Smart Control Compatibility

Works with various brands and types of smart control systems, either built-in or via Zhaga base for plug-and-play functionality.

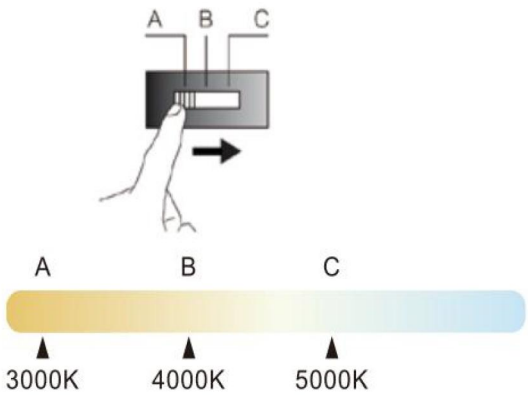
Power field-adjustable reduce SKUs by up to 80%（Optional）

• Streamline ordering and inventory,making it flexible enough for distributor stock and flow

Desired Wattage/DIP Switch Settings

SKUs	Desired Wattage	DIP Switch Settings		
		1	2	3
SKU1	100W	ON	-	-
	150W	-	ON	-
	200W	-	-	ON
SKU2	200W	ON	-	-
	240W	-	ON	-
	300W	-	-	ON

Desired CCT / DIP Switch Settings



Simply plug & power installation,

reduce labor cost by up to 50%（Optional）

No internal fIxture access required for installation or disconnecting power

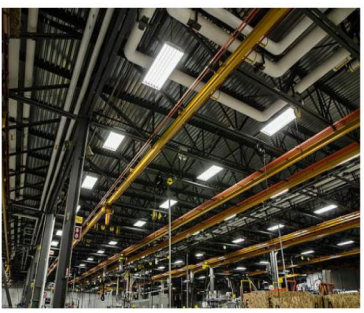
• The plug & power design is a time saver in installation – simply plug & power.

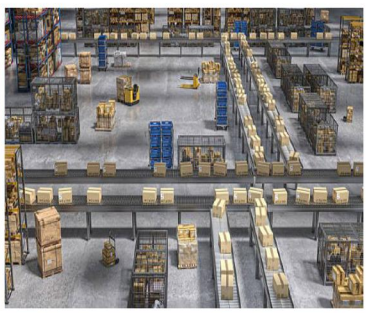
• Allows external fixture access for safe and easy servicing. There is no need to remove lamps or reflectors to disconnect fixture power

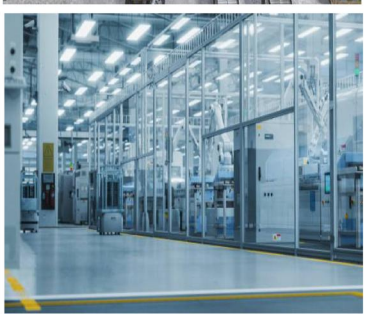
• Access to the individual fixture's power supply allows servicing without turning off all the fixtures , disrupting occupants.

Application：

- Factorys
- Logistics Centers
- Large Warehouses
- Food Processing Plants
- Chemical Plants
- Stadiums
- Industrial
- Large Granarys
- Shopping Malls
- Manufacturing Bases







Product Description:

Higher efficiency, Maximum lighting flexibility, Less costs

The ELHB Series delivers unmatched flexibility with its independent rotating modules and multiple beam angles for precise, adaptable lighting. Built tough with IP66 tempered glass, a smooth dust-resistant design, and a high-efficiency heat sink that withstands up to 80° C, it ensures reliable performance in harsh environments. With 200 lm/W efficiency, plug-and-play smart controls, dial-type wattage & CCT adjustment, and easy module replacement, the ELHB offers powerful, durable, and intelligent lighting for any industrial or commercial space.

Benefits:

- Modular Design with Multi-Position Rotational Adjustment of the Beam Angle
- Various Beam Angles for Flexible Adaptation
- Modular Design Allows Replacement of LED or Power Supply Module
- Tempered Glass with IP66 Waterproofing
- Smooth Backside – Dust and Dirt Resistant
- High-Efficiency Aluminum Alloy Heat Sink (High-Temperature Version up to 80° C)
- Flexible Mounting Options
- Sensor pluggable, mounting sensors whenever you need
- Efficiency up to 200 LPW

Product Specifications：

LED & Optical Assembly
• CCT: 3000,4000K,5000K
• CRI: 70+ Standard, 80+ Optional
• System Efficiency: Up to 200lm/w

Electrical
• Input Wattage:50W,100W,150W,200W,240W,300W
• Input Voltage Range: 100-240VAC, 100-277VAC (347-480V available)
• System Power Factor (PF): >0.95
• Total Harmonic Distortion (THD): <20%

Ratings & Evaluations
• Operating Temperature: –30℃ to +80℃ (-22℉ to 176℉)
• Surge Protection: 4kV driver surge protection
• Suitable For Damp Locations
• Safety: ETL/cETL Listed
• Utility: DLC 5.1(pending)
not all models are DLC listed,Please refer to http://www.designlights.org/QPL for complete information

Controls
• Dimming: 0-10VDC,Dim down to 5%, std. 0-10V Dim to off and Dali2 optional
• Opional Sensors:
Sensor ready pluggable receptacl - **SR**
Motion Sensor (with Daylight Dimming, Daylight Response, Photosensor) <30 Ft - **MS1**
Motion Sensor (with Daylight Dimming, Daylight Response, Photosensor) <40 Ft - **MS2**
Motion Sensor with Bluetooth - **MS3**
Daylight Sensor (Daylight Harvesting) - **DS1**
(IR remote sold separately to modify sensor settings)

Networked Lighting Controls
GEBC Luminaire Level Lighting Control (LLLC)
• Also compatible with 3rd party smart network control system

Mounting
• Typical Mounting:
Standard Chain / Cable mount ready.
Surface mount and Pendant mount kit optional.
• Cord & Plugs:
Standard = knockout access (no cord, no plug)
3ft, 6ft, 12ft, 15ft, 20ft Cord and plug and go cord options
15A, 20A, Straight or twist lock plug options

Warranty
• 5-year warranty standard, **10-year warranty optional**

Accessories (order separately)
• Sensor pluggable receptacl - SR
• Motion Sensor (with Daylight Dimming, Daylight Response, Photosensor) <30 Ft - **MS1**
• Motion Sensor (with Daylight Dimming, Daylight Response, Photosensor) <40 Ft - **MS2**
• Motion Sensor with Bluetooth - **MS3**
• Daylight Sensor (Daylight Harvesting) - **DS1**
• Remote for settings sensors-RM1(at least one required per project)
• Surge protector - SPT
• Emergency Battery - EM
• Pendant Mount Kit - PM
• Surface Mount Kit - SM
• Y-Chain w/hook - Y

Energy and Performance Data:

MODEL NO.	Wattage	CRI	CCT	LPW(lm/W)	Typical Delivered Lumens
A-ELHB50	50	70+	5000k	200	10000
A-ELHB100	100	70+	5000k	200	20000
A-ELHB150	150	70+	5000k	200	30000
A-ELHB200	200	70+	5000k	200	40000
A-ELHB240	240	70+	5000k	200	48000
A-ELHB300	300	70+	5000k	200	60000

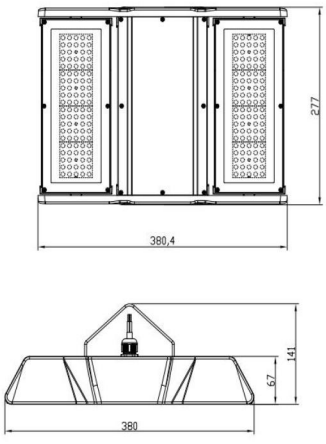
Values based on 5000K, 70 CRI. tolerance +-5%

Various mounting options covering all your application needs

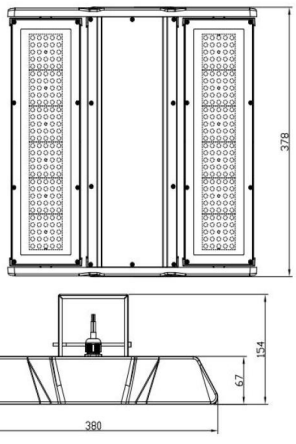
MOUNTING OPTIONS	IMAGE	ORDER CODE
Standard Chain/Cable Mount Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory		**(OMIT) = Standard (No chain or mounting hardware included)**
Pendant Mount (optional) Available on all fixture configurations. Attaches to 3/4" and 1/2" threaded conduit (conduit not included).		**SM = Surface Mount**

Product Dimensions:

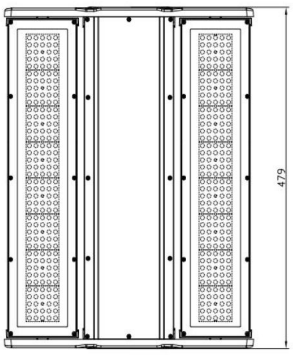
A-ELHB50
A-ELHB100



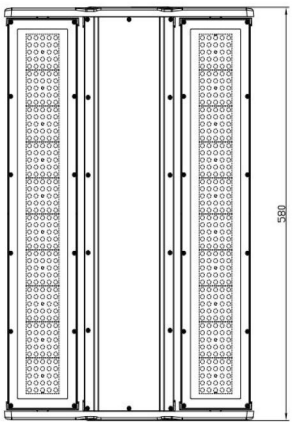
A-ELHB150



A-ELHB200



A-ELHB240
A-ELHB300



Ordering Information:

MODEL SELECTION **Typical order example: A-ELHB150-50-48-D0**

PRODUCT ID	WATTAGE	CCT	VOLTAGE	DIMMING	SENSOR	MOUNTING	CORD	PLUG	OPTIONS
A-ELHB									
A-ELHB Series LED Linear High Bay	50=50W 100=100W 150=150W 200=200W 240=240W 300=300W	**30**=3000K **40**=4000K **50**=5000K, Default is 5000K	**(OMIT)**=120-277V, std **34**= 120-347V **48**=200-480V	**D1** = 0-10VDC ,Dim down to 5%; **D0** = 0-10VDC ,Dim down to OFF; **DA** = Dali (No External Control Wiring, std,contact sales if needed)	(OMIT)=None, std ; **SR**=Sensor pluggable receptacl; **MS1**=Motion Sensor <30 Ft **MS2**=Motion Sensor <40 Ft **MS3**=Motion Sensor with Bluetooth **DS1**=Daylight Sensor (Daylight Harvesting)	**(OMIT)**=Standard Chain/Cable Mount, std **(chain not included)** **SM** = Surface Mount **(Hardware not included)**	**(OMIT)**= knockout access (no cord, no plug), std ; **C3**=3 ft cord **C6**=6 ft cord **PPC3**=3 ft Plug & Power cord **PPC6**=6 ft Plug & Power cord	**(OMIT)**=**None,std;** P1=5-15P P2=5-20P P3=L5-15P P4=L6-15P P5=L7-15P P6=L7-20P P7=L8-20P P8=L2420P	**PR**=Plug & Power Receptacle (5-15R); **EM**=EM - Emergency Backup 8W ; **EM20** - Emergency Backup 20W; **SPT**=Surge protector 10kv **1PK** = Single Pack for distributor stocking. Default is Job Pack

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