ACE
LED Light

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

LHB02 Series
LED Linear High Bay Light

- Adjustable Irradiation Direction
- Various Optics for Flexible Adaptation
- Tempered Glass with IP66 Waterproofing
- Smooth Backside-Dust and Dirt Resistant
- High-Temperature Version up to 80℃
- Flexible Mounting Options
- Efficiency up to 200 LPW
- Power field-adjustable, reduce SKUs by up to 80%

CE ETL Intertek RoHS ENEC DLC LISTED DALI zigbee Bluetooth

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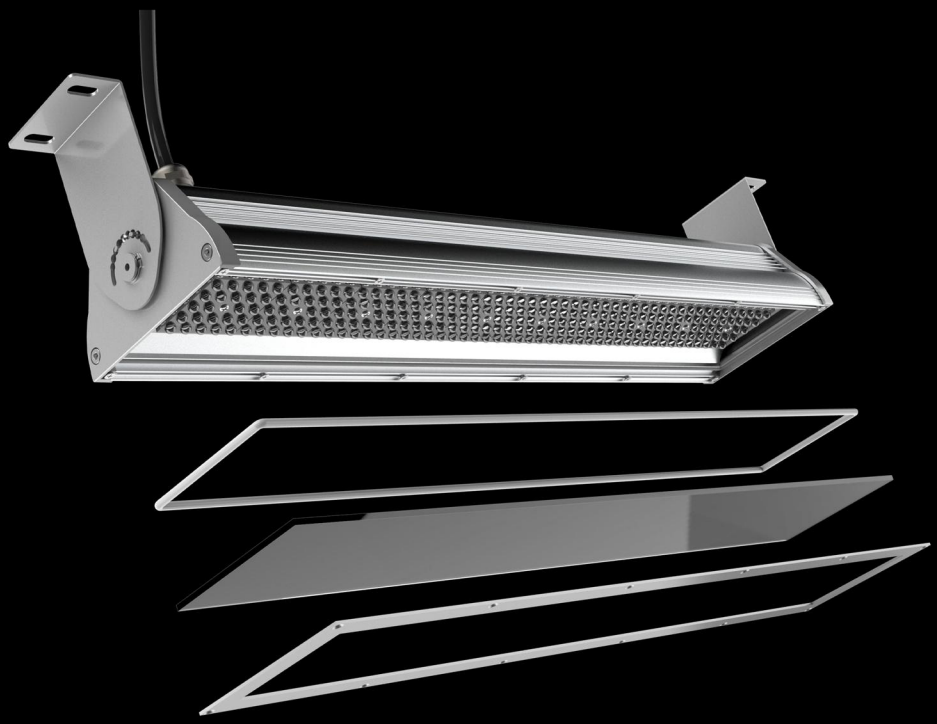
IP66 Waterproof with Tempered Glass

Built with tempered glass and IP66 waterproof protection, the LHB02 resists moisture and corrosion, ensuring reliable performance in humid and challenging environments.



PC, PMMA Material Option

Smooth Back Surface for Dust Resistance

A smooth backside design prevents dust accumulation, making it ideal for use in warehouses, factories, and other dusty environments.

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High-Temperature Resistant Heat Sink

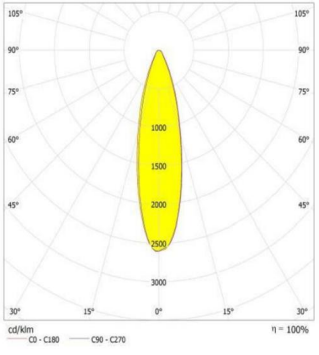
The high-efficiency aluminum alloy heat sink ensures excellent cooling, with the high-temperature version capable of operating in environments up to **80°C**.

Adjustable Irradiation Direction with Multi-Position Rotation

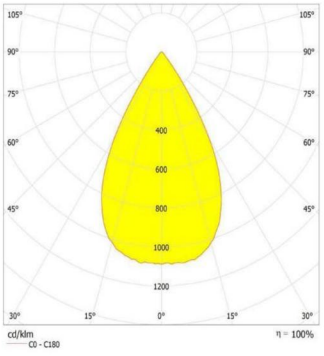
The adjustable irradiation direction design allows precise directional control, adapting light placement to different needs with ease.

Multiple Beam Angles for Versatile Applications

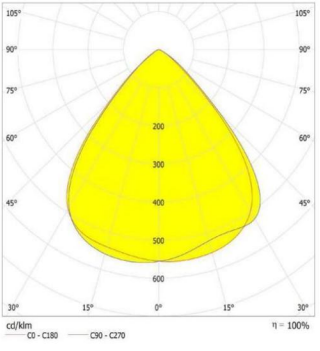
Offering a range of beam angles, the LHB02 provides flexible lighting solutions for warehouses, workshops, and large industrial facilities.



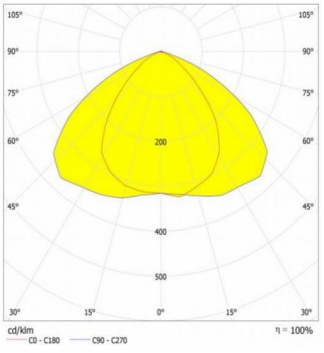
30°



60°



90°



90x120°

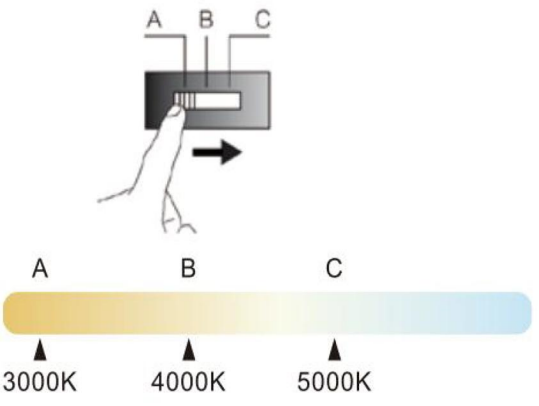
Power field-adjustable reduce SKUs by up to 80%（Optional）

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	30W	ON	-	-
	40W	-	ON	-
	50W	-	-	ON
SKU2	60W	ON	-	-
	80W	-	ON	-
	100W	-	-	ON
SKU3	100W	ON	-	-
	150W	-	ON	-
	200W	-	-	ON
SKU4	200W	ON	-	-
	240W	-	ON	-
	300W	-	-	ON

Desired CCT / DIP Switch Settings



Simply plug & power installation

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

Application：

- Warehouses
- Logistics Centers
- Factorys
- Supermarkets
- Chemical Plants
- Stadiums
- Industrial
- Large Granarys
- Hazardous Locations
- Manufacturing Bases

Product Description:

Higher efficiency, Maximum lighting flexibility, Less costs

The LHB02 Series combines performance, versatility, and value in one efficient lighting solution. Featuring an adjustable beam angle, glass lens waterproof protection, and easy installation with a standard mounting bracket, it is built for convenience and reliability. With flexible light distribution, efficiency up to 200 lm/W, and a more competitive price point, the LHB02 is the ideal choice for warehouses, workshops, and industrial facilities seeking high-performance lighting with cost savings.

Product Specifications：

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LED & Optical Assembly
• CCT: 3000K,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: 100-277VAC(347-480V available)
• System Power Factor (PF): >0.92
• Total Harmonic Distortion (THD): <20%

Ratings & Evaluations
• Operating Temperature: –30℃ to +80℃ (-22℉ to 176℉)
• Surge Protection: 6KV line-line, 6KV line-earth
• 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

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

Mounting
• Typical Mounting:
Surface mount, standard
Rotating bracket mount and pendant mount optional.
• Cord & Plugs:
Standard, with 1ft cord.
3ft, 6ft, 12ft, 15ft, 20ft Cord and plug and go cord optional;
15A, 20A, Straight or twist lock plug option al.

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

Accessories
• Surge protector - SPT
• Emergency Battery - EM

Energy and Performance Data:

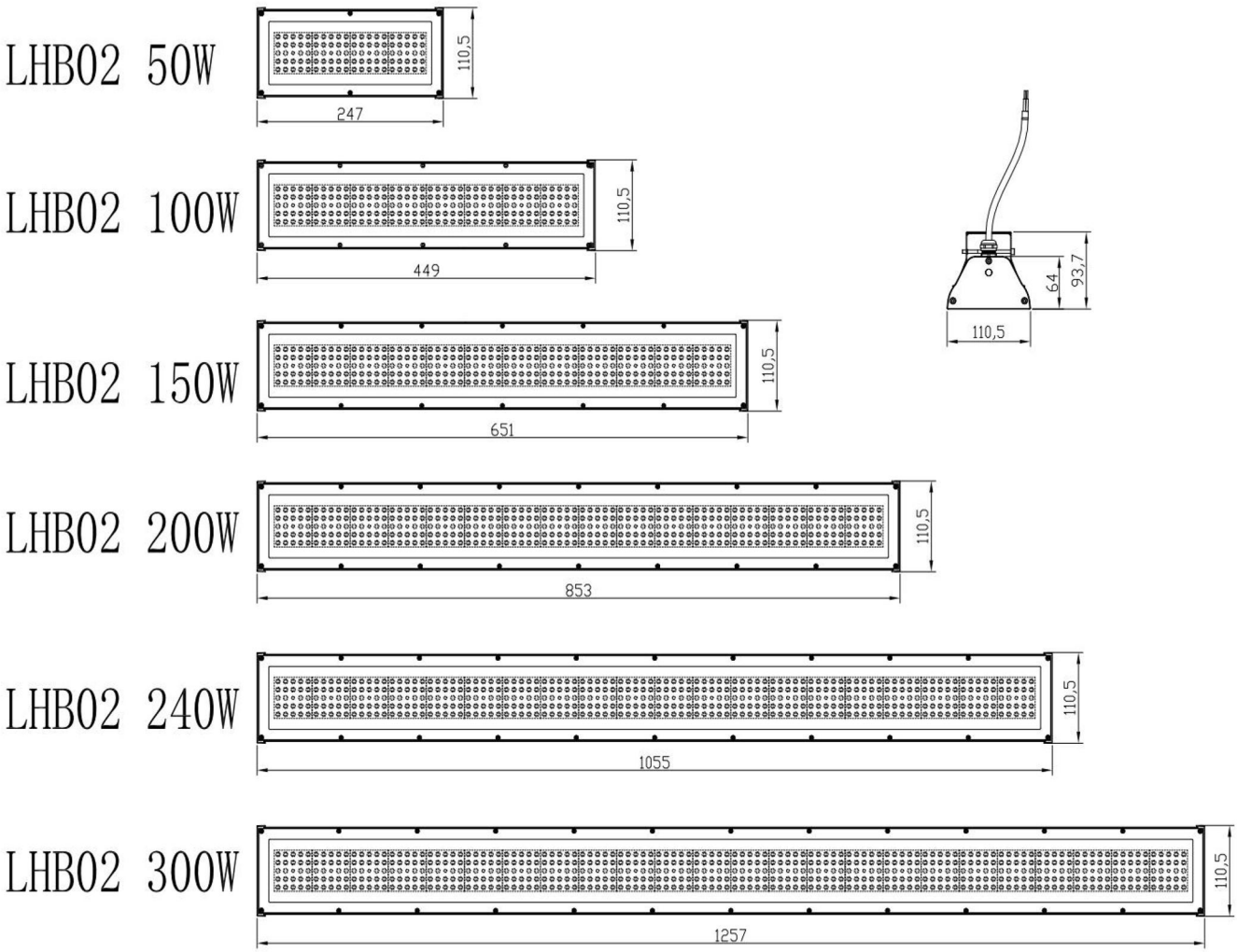
MODEL NO.	Wattage	CRI	CCT	LPW(lm/W)	ypical Delivered Lumen
A-LHB02-50	50	70+	5000k	200	10000
A-LHB02-100	100	70+	5000k	200	20000
A-LHB02-150	150	70+	5000k	200	30000
A-LHB02-200	200	70+	5000k	200	40000
A-LHB02-240	240	70+	5000k	200	48000
A-LHB02-300	300	70+	5000k	200	60000

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

Various mounting options covering all your application needs

MOUNTING OPTIONS	IMAGE	ORDER CODE
Surface Mount		**(OMIT) = Standard**
Rotating Bracket Mount		**RB = Rotating Bracket Mount Kit**
Pendant Mount		**PM = Pendant Mount Kit**

Product Dimensions: (Unit:MM)



Ordering Information:

MODEL SELECTION **Typical order example: A-LHB02150-50-48-D0**

PRODUCT ID	WATTAGE	CCT	VOLTAGE	DIMMING	MOUNTING	CORD	PLUG	OPTIONS
A-LHB02								
A-LHB02= ACE LHB02 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)=Surface Mount, std** **RB = Rotating bracket Mount** **PM =Pendant Mount**	**(OMIT)**= 1ft cord, 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	**EM**=EM - Emergency Backup 8W ; **EM20** - Emergency Backup 20W; **SPT**=Surge protector 10kv **AO**=Field-Adjustable Light Output

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