UP TO 10 years warranty

140-200 lm/w

Save money + Save time + Peace of mind

Make you amazing

Amazing Series

Smart LED Linear High Bay

- Controllers pluggable,mounting controllers whenever you need
- Power & CCT field-adjustable, reduce SKUs by up to 80%
- Easy Maintenance with Tool-free Opened Driver Box
- Field-Replaceable Various Optics Lenses covering all your application needs
- Simply plug & power installation,reduce labor cost by up to 50%
- Right-sized Compact design reduces shipping cost by up to 50%
- Efficiency up to 200 LPW,delivers up to 80000 lumens

Tool-Less Field Adjustable Color Temp & Wattage

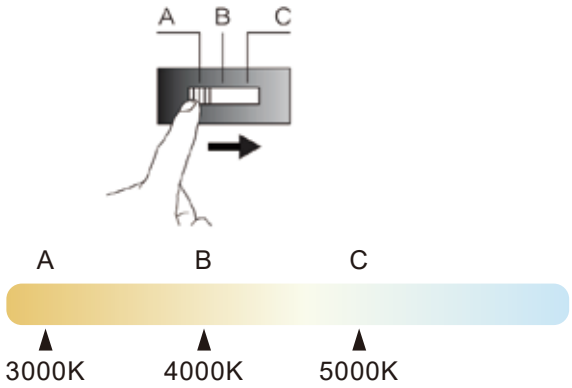
Reduce SKUs by up to 80%（Optional）

- Reduce overall number of SKUs to 2 while offering 8 or 10 wattacge and 3 CCT choices
- 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	4
SKU1	100W	ON	-	-	-
	120W	-	ON	-	-
	150W	-	-	ON	-
	180W	-	-	-	ON
	200W	-	-	-	-
SKU2	240W	ON	-	-	-
	280W	-	ON	-	-
	300W	-	-	ON	-
	350W	-	-	-	ON
	400W	-	-	-	-

Desired CCT / DIP Switch Settings



Efficiency up to 200 LPW

Delivers up to 80000 lumens

Excellent heat dissipation and special aluminum reflective maximizes LED performance, efficiency up to 200 LPW.
Offering various lumen packages from 8000 to 80,000 lumens, covers all your application needs

Amazing high efficacy models pay for themselves and help you save on energy costs for years to come.

Single Luminaire	6L T5HO	Typical LED High Bay	High Efficacy
Lumens	26,353	26,217	26,558
Input Watts	343	220	135
Operating Hours/Year (15h/day)	5,475	5,475	5,475
Annual Energy Costs (0.11 KWh)	$206.57	$132.50	$81.30
Monthly Costs (0.11 KWh)	$17.21	$11.04	$6.78
Amazing VS 6L T5HO	Annual Savings $$		Up to $125.27
Amazing VS Typical LED High Bay	Annual Savings $$		Up to $51.19

Can You
Afford
to Spend
60% More
Per Fixture
Per Year?

Estimate does not include utility rebates or maintenance savings.Values based 5000K, 70 CRI, no lens.

It's Time to Put $$ Back in Your Pocket!

Easy Maintenance with Tool-free Opened Driver Box

Toolless entry for easy access to electrical compartment, many accessories like driver replacement, emergency kit, sensors or control modules can be field-installed easily. lens is also can be changed in field.

First Sensor Pluggable Intelligent Design

Mounting sensors and make your luminaire smart whenever you need（Optional）

World's first patented designed module type plug & play sensor and sensor embedded Luminaire. User can easily scale from an ordinary fixture to a smart light fixture in 3 seconds.

3 seconds easily plug-in → **Smart LED Linear High Bay**

World's First Patented Pluggable Sensor

You can install your luminaires today and mount sensors or IOT controllers whenever you need - without any hassle

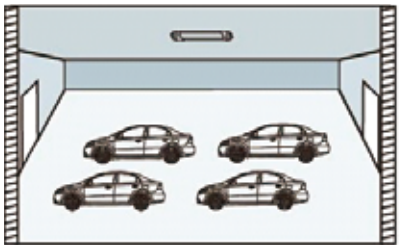
- 3 seconds easy plug-in scalability
- No re-circuiting or new control wiring
- ZigBee/Bluetooth mesh netwark smart control
- Controls are easy to upgrade, install and maintain

plug and Play | Zigbee mesh network control | Bluetooth mesh network control | App control | On/off control | Daylight sensor | Remote control setting | Motion sensor

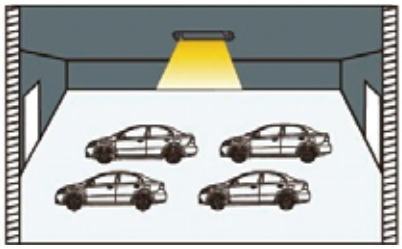
Plug&Play Occupancy Sensor

ON/OFF and Automatic Dimming Functions
On-demand lighting for maximum energy saving

1. ON/OFF Function (stand-by period set at '0')



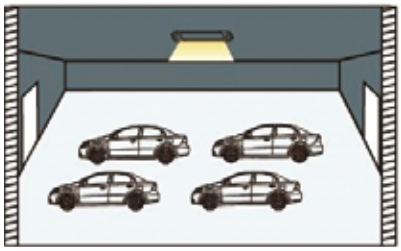
1 With sufficient ambient light, the light will not be switched on even if with motion signal



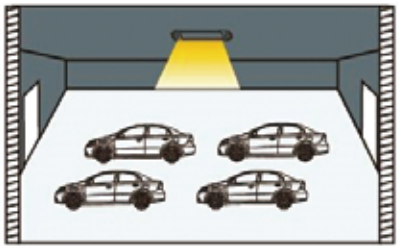
2 With insufficient ambient light, the sensor switches on the light when motion is detected.

3 After elapse of hold time, the sensor switches off the light when no motion is detected

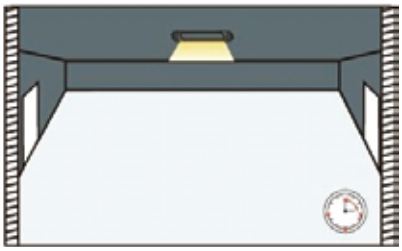
2. 2-step dimming function (stand-by period set at "+∞"



1 If there is no motion detected, the light will be remained at a low light level all the time

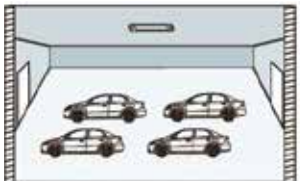


2 When motion is detected, the sensor will switch on the light to 100% brightness



3 After elapse of hold time, the sensor dims the light at the present low light level if no motion is detected.

3.3-step dimming function (stand-by period set at "5min"or"15min")



1 With sufficient ambient light,the light will not be switched on even if with motion signal

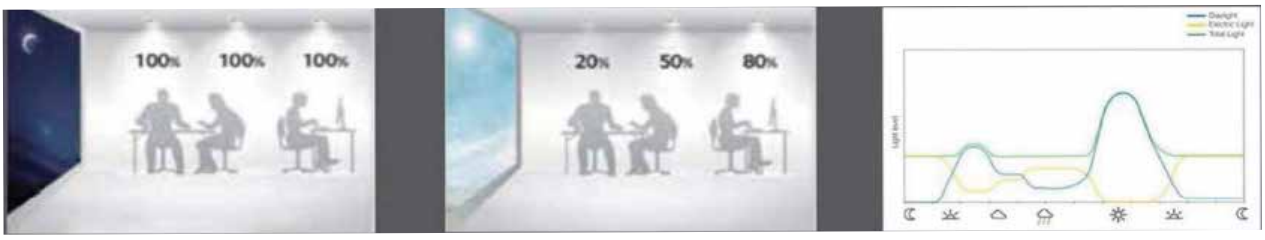
2 With insufficient ambient light, the sensor switches on the light when motion is detected.

3 After elapse of hold time, the sensor dims the light at a low light level if no new motion is detected.

4 After elapse of stand by period, the sensor switches off the light if no motion is detected in the detection zone

Wireless Daylight Sensor

Daylight harvesting automatically regulates the use of electric lighting in response to the amount of daylight available.make sure you use only what you need.



Night:Same brightness forall area | Day:Lower brightness on the windows side | Automatic dimming-On-demand lighting

Occupaney Sensors & Code Compliance---Aecording to IECC 2015 Code Provision C405.2.1.1.1.
office and warehouse fixtures must automatically turn off within 30 minutes of all oceupants leaving the space
Daylight Harvesting & Code Complianee Aceording to IECC2015 Code Provision C405.2.3.12.
daylight-responsive controls should be installed within each space with sidelight and toplight daylight zones totaling more than 150W.

Smart Network Lighting-Control Systems

Using various sensor, scheduling and programming technologies, controls maximize energy savings and minimize lighting maintenance. They accomplish this by reducing your energy spend to the bare minimum – only distributing light where and when you need it.

Evaluate which controls strategy will save your facility the most.

APP, Network control

Lights in multiple locations can be controlledfrom wireless devices such as mobile phones (IOSIAndroid system).

Wireless Touch Switch control

Remote control

Occupancy Sensing

Typically Saves:15-55%

No one needs light in empty spaces. Turning lights off or dimming when no one is there to use them is an obvious and easy way to save energy

Daylight Harvesting

Typically Saves:15-45%

Get More from Your Daylighting.Daylight harvesting automatically regulates the use of electric lighting in response to the amount of daylight available.make sure you use only what you need.

Auto Scheduling

Typically Saves:10-40%

Tell the Smart HighBay when to illuminate a zone and it will take care of the rest with auto-adjustments based on your time zone. Update schedules right from your smartphone

Load Shedding

Typically Saves:15-45%

Load-shedding,or temporarily reducing the load of a system to avoid energy costs when they're at their highest

Task Tuning

Typically Saves:5-15%

Programming the output of an individual or group of luminaires to the level that provides just the right amount of light for the space, task or area.

Zoning & Group control

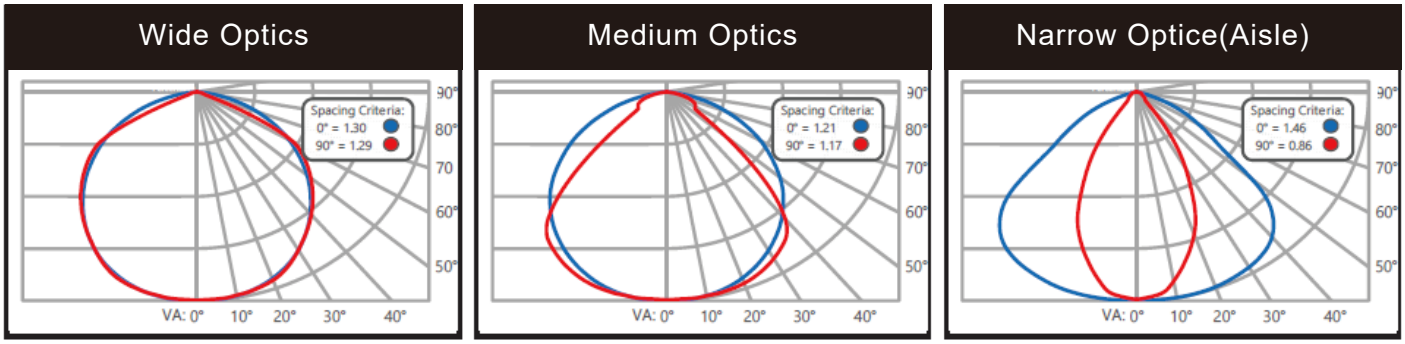
Typically Saves:5-20%

Group luminaires and form unique lighting control zones for a control strategy via software-defined means, not via electrical installation details(e.g. wiring).

Field-Replaceable Various Optics Lenses

Light Delivered Exactly Where You Need It
Covering all your application needs

Photometric Data



Right-sized Compact design

reduces shipping cost by up to 50%

Excellent heat dissipation wtih pure aluminum extrusion heatsink making it can be designed to smaller size.
Reducing reduces volume up to 50%, makes it easy to handle.

- 50% smaller for ease of installation
- Smaller volume reduces shipping cost by up to 50% , saves a great deal of valuable shelf or cargo space.

Product Dimensions:

A-ALHB60, A-ALHB80, A-ALHB100; A-ALHB60P, A-ALHB80P, A-ALHB100P;

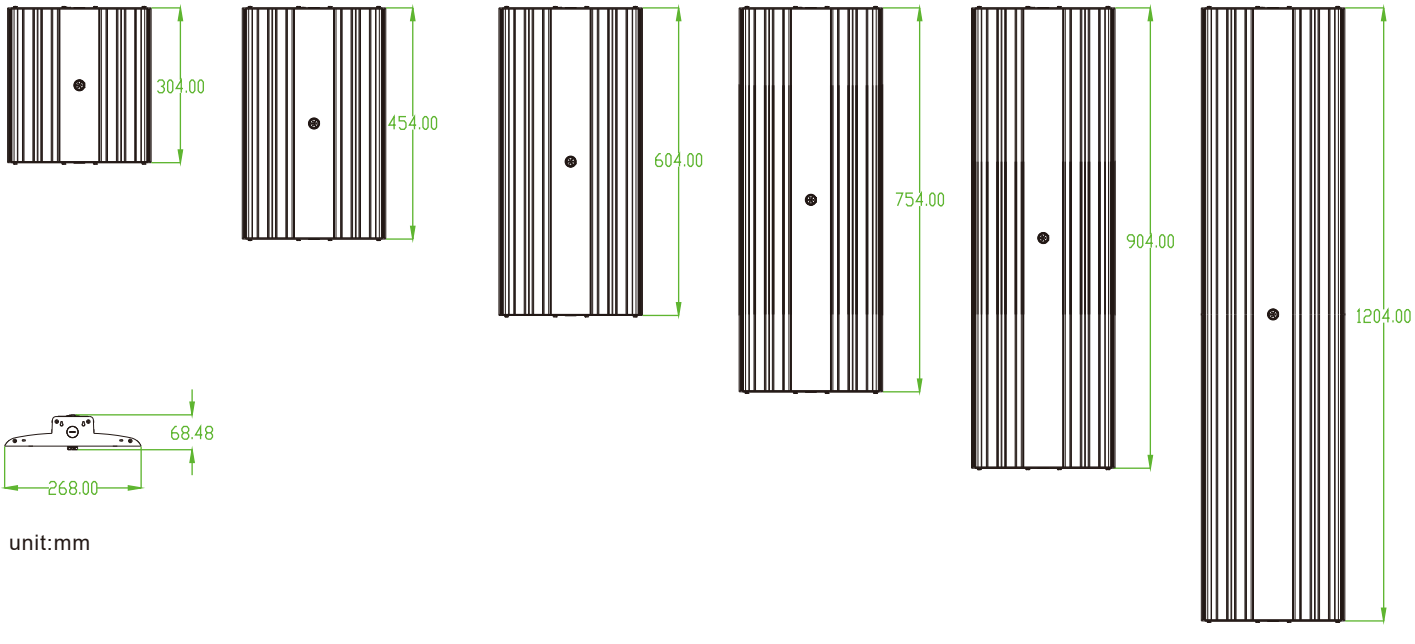
A-ALHB120, A-ALHB150; A-ALHB120P , A-ALHB150P;

A-ALHB200, A-ALHB200P;

A-ALHB240, A-ALHB240P;

A-ALHB300, A-ALHB300P;

A-ALHB400, A-ALHB400P.



unit:mm

Product Description:

Higher efficiency,Maximum lighting flexibility,Less costs

With pluggable smart control options, user-installable lenses that can disperse light between 30 to120 degrees. Efficiency up to 200 LPW and lumen packages between 8000 to 80,000 lumens.The Amazing linear LED high bay covers all your application needs, saves more energy and lowers more costs

Benefits

- **Sensor pluggable intelligent design,** make your luminaire smart whenever you need
- **CCT & Power field-adjustable,** reduce SKUs by up to 80%, making it flexible enough for distributor stock and flow
- **Simply plug & power installation,** reduce labor cost by up to 50%.No internal fIxture access required for installation or disconnecting power
- Lightweight, compact design reduces volume up to 50%, makes it easy to handle, **reduces shipping cost by up to 50%**
- Efficiency up to **150LPW and 200LPW**, help you save more energy costs
- Extensive Lumen Range, **8,000 to 80,000 lms** for 10'—80' mounting heights
- Easy Maintenance with **Tool-free opened driver box**
- Field-Replaceable various optics lenses, **Wide,Medium,Narrow optics(Aisle) lenses,** Covering all your applications
- Efficient pure aluminum heat dissipation,ensures a **longer lifespan**
- **Various mounting options** to meet different lighting needs

Product Specifications:

LED & Optical Assembly

- CCT: 3000K.4000K,5000K,Adjustable CCT
- CRI: 70+ Standard (80,90 contact factory for lead-time)
- System Efficiency: Up to 150lm/W and 200lm/w optional
- Fixture Rated Life: L70 @ 100,000 hrs @ 55C
- TM-21 Calculation at 25°C: L70 @ 250,000 hrs
  L90 @ 65,000 hrs minimum
- Distribution /Lenses: 60W-100W no lens standard
  (most efficient),120-400W Medium optics,std.Wide Optics lens, Narrow Optics(Aisle) and Diffused lens optional

Electrical

- Input Wattage:60W,80W,100W,120W,150W,
  200W,240W,300W,400W,Adjustable Wattage
- Input Voltage Range: 100-277VAC(347 and 480V available)
- System Power Factor (PF): >0.95
- Total Harmonic Distortion (THD): <20%

Ratings & Evaluations

- Operating Temperature: –30°C to +55°C (-22°F to 131° F)
- Suitable For Damp Locations
- Safety: ETL/cETL CE,CB,SAA Listed
- Utility: DLC 5.1 Premium,LLLC Network Control
  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. Dim to off and Dali2 optional
- Wireless Networking & Sensing:
  Sensor ready pluggable receptacl - SR
- Compatible with 3rd party smart network control system

Mounting

- Typical Mounting:
  Standard Chain / Cable mount ready.
  Surface mount and Pendant mount kit optional.
- Inverted Mounting:
  Standard chain / Cable mount ready.
- 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, **7-year warranty optional**

Accessories (order separately)

- Sensor pluggable receptacl - SR
- Pluggable motion sensor <30 Ft - MS1
- Pluggable motion sensor <40 Ft - MS2
- Remote for settings sensors-RM1(at least one required per project)
- Zigbee Wireless Sensor-ZG01
- Bluetooth Wireless Sensor-BT01
- Surge protector - SPT
- Emergency Battery - EM
- Pendant Mount Kit - PM
- Y-Cable w/hook - YC
- Wide Optics Lens- WL
- Medium Optics Lens- ML
- Narrow Optics Lens(Aisle) - NL
- Diffused Lens - DL

Energy and Performance Data

Field-Adjustable Wattage & Color Temp

SKUs	Fixture Length	Catalog No.	Typical Power (W)	Standard Efficiency						Premium Efficiency (p)					
				5000K		4000K		3000K		5000K		4000K		3000K	
				LPW (lm/W)	Typical Delivered Lumens	LPW (lm/W)	Typical Delivered Lumens	LPW (lm/W)	Typical Delivered Lumens	LPW (lm/W)	Typical Delivered Lumens	LPW (lm/W)	Typical Delivered Lumens	LPW (lm/W)	Typical Delivered Lumens
SKU1	2ft	ALHB 200	100	155	15500	151	15190	142	14260	190	19000	186	18620	174	17480
			120	151	18120	148	17758	138	16670	185	22200	181	21756	170	20424
			150	148	22200	145	21756	136	20424	180	27000	176	26460	165	24840
			180	143	25740	140	25225	131	23681	178	32040	174	31399	163	29476
			200	140	28000	137	27440	128	25760	175	35000	171	34300	161	32200
SKU2	4ft	ALHB 400	240	155	37200	151	36456	142	34224	190	45600	186	44688	174	41952
			280	151	42280	148	41434	138	38898	185	51800	181	50764	170	47656
			300	148	44400	145	43512	136	40848	180	54000	176	52920	165	49680
			350	143	50050	140	49049	131	46046	178	62300	174	61054	163	57316
			400	140	56000	137	54880	128	51520	175	70000	171	68600	161	64400
ONE CATALOG NUMBER WITH 15 DIFFERENT OPTIONS															

Values based on 70 CRI, no lens. tolerance +-5%

Ordering Information:

MODEL SELECTION **Typical order example: ALHB150-50-MSR**

PRODUCT ID	Wattage	EFFICIENCY	CCT	OPTICS/LENS	Voltage	Dimming	SENSOR/ WIRELESS	MOUNTING	CORD	PLUG	options
ALHB											
ALHB = Amazing Series LED Linear High Bay	60=60W 80=80W 100=100W 120=120W 150=150W 200=200W 240=240W 300=300W 400=400W Adjustable Wattage Optional	**(OMIT)**= Standard Efficiency, std; **P** =Premium Efficiency	**30**=3000K **40**= 4000K **50**= 5000K, Default is 5000K, Adjustable CCT Optional	**(OMIT)**= 60-100W No Lens ,Others with M Optics , std, Max. Efficiency **W**=Wide Optics **M**=Medium Optics (Aisle) **N**= Narrow Optics(Aisle) DL=Diffused Lens	**(OMIT)**= 120-277V, std **347**= 120-347V **480**= 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 **ZG01**=Zigbee Wireless control BT01= bluetooth control	**(OMIT)**= Standard Chain/Cable Mount, std **(chain not included)** **PM** = 3/4" Pendant Mount Kit **(conduit not included)** **UPM** = Standard Inverted Mount	**(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 **AO**=Field-Adjustable Light Output

DLC 5.1 Premium LLLC Network Control Power & CCT Field-Adjustable

PATENTED

Power & CCT Adjustable Aisle Optics

Ranch/Agriculture Highbay IP69K,Corrosion Resistance

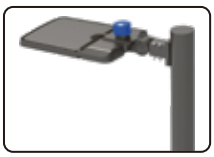
High Temperature Up to 65 C

Sports Light High Mast Light

Power Adjustable Economical

Italy Design Dust-Free

Flexible Highbay NPT Pipe Mount ,UP Light

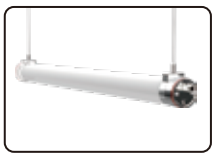


Power Field-adjustable T2,T3,T4,T5 Optics

IP65 Aisle Optics Smart Linear

Sensor Pluggable Tri-proof Power & CCT Adjustable

Sensor Pluggable Vapor Tight Power & CCT Adjustable



Ranch/Agriculture Tri-proof IP69K,Corrosion Resistance

ISO 9001 CQC · ETL Intertek · DLC LISTED PREMIUM · CE · RoHS · TITLE 24 · DALI · plug & Play · ZigBee · Bluetooth

Contact Information: