



LED LINEAR HIGH BAY(LHB01)

Applications:

Suitable for commercial, retail and institutional applications including gymnasiums, factories and warehouses.

FEATURES

- Smart Linear High Bay
- Offers efficacy up to 200 LPW and lumen output up to 78,000 lumens
- Aluminum alloy enclosure for maximum heat dissipation
- Plug and Play sensors, install anytime you want
- CCT and Wattage field selectable, reduces inventory SKU's
- Compact design to reduce dimensions and shipping cost by up to 50%
- Standard efficiency up to 150 LPW, Premium efficiency up to 200 LPW
- Mounting heights from 10' – 80'
- Easy tool-free maintenance and lenses installation
- Easy plug and play power cord and plug, reduces labor cost
- ZigBee integrated mesh wireless network is optional
- Standard Input voltage of 110-277V, 347V & 480V optional
- Operating temperature from -30°C to 55°C (-22°F to 131°F)
- Standard 5-Yr. and 7-Yr. warranty optional



Optics
Field installable lens 30°, 55°, 90°, 120°

Housing
Superior Aluminum Alloy, toolless entry, compact design to reduce shipping cost



Options
CCT & Wattage Selectable

Sensor
Plug and Play Intelligent Sensor, ZigBee integrated wireless mesh network is optional

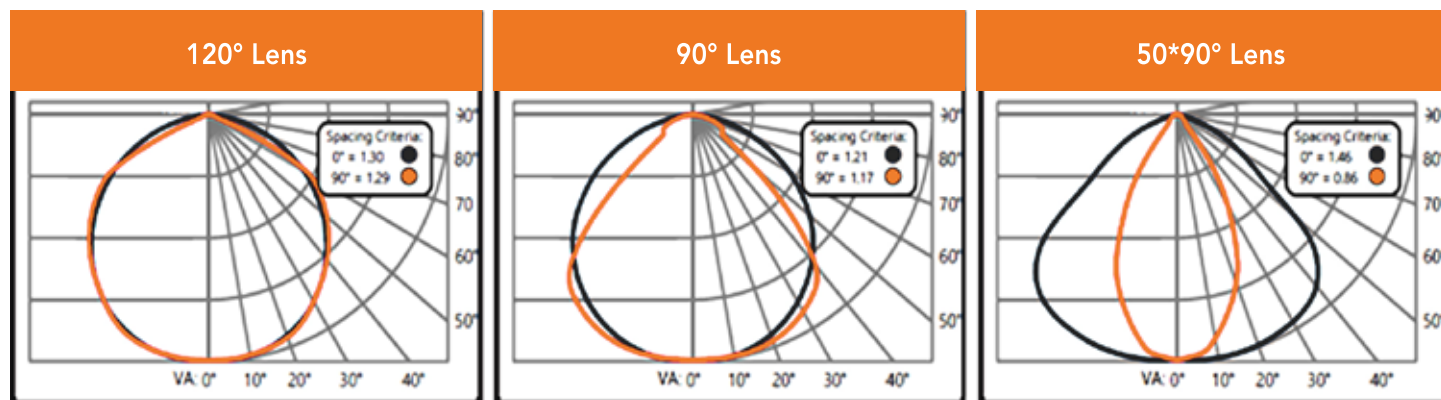
PERFORMANCE DATA

Standard Efficiency - Up To 150 LPW					Premium Efficiency - Up To 200 LPW				
MODEL NO.	Wattage	LPW	Typical Delivered Lumens	Maximum Ambient Temperature	MODEL NO.	Wattage	LPW	Typical Delivered Lumens	Maximum Ambient Temperature
AO-LHB01-60	60	150	9000	65°C	AO-LHB01-60	60	200	12000	65°C
AO-LHB01-80	80	149	11920	55°C	AO-LHB01-80	80	190	15200	65°C
AO-LHB01-100	100	145	14500	50°C	AO-LHB01-100	100	185	18500	55°C
AO-LHB01-120	120	145	17400	55°C	AO-LHB01-120	120	180	21600	50°C
AO-LHB01-150	150	140	21000	50°C	AO-LHB01-150	150	178	26700	55°C
AO-LHB01-200	200	140	28000	50°C	AO-LHB01-200	200	178	35600	50°C
AO-LHB01-240	240	140	33600	50°C	AO-LHB01-240	240	180	43200	50°C
AO-LHB01-300	300	145	43500	45°C	AO-LHB01-300	300	175	52500	50°C
AO-LHB01-400	400	145	58000	45°C	AO-LHB01-400	400	180	72000	50°C

TECHNICAL SPECIFICATIONS

Input Voltage	100-277V Standard, 347V & 480V optional
Power Factor	>95%
THD	<20%
CRI	70+ Standard (80 & 90 Optional)
CCT	5000K Standard (3000K & 4000K Optional)
Efficacy	150 LPW Standard (200 LPW Optional)
LM70 @ 55°c	100,000 Hours
Operating Temp.	-30 to 55°C (-22°F to 131°F)
Dimming	0-10Vdc (Minimum 5%), DALI, ZigBee
Surge Protection	3KV for Driver
Environmental	RoHS Compliant
Safety	ETL - US/CA

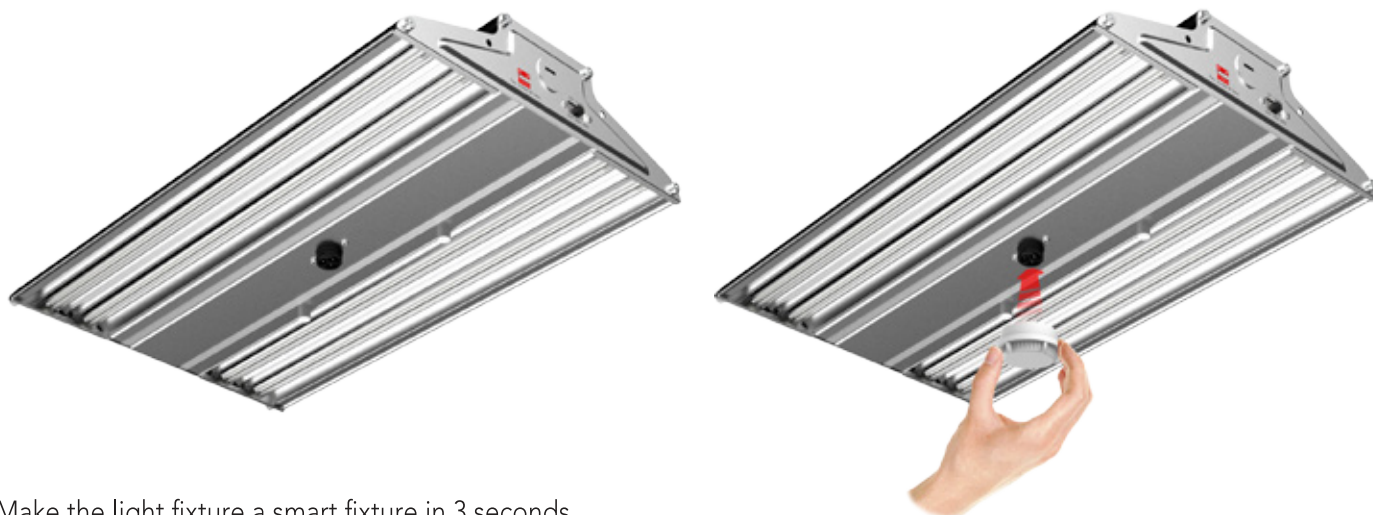
PHOTOMETRICS



First Plug and Play Sensor with intelligent design

Make your luminaire smart whenever you need (Optional sensor receptacle available)

The patented Plug & Play sensor and sensor receptacle allows the end-user to easily upgrade from a standard fixture to a smart light fixture in 3 seconds.



- Make the light fixture a smart fixture in 3 seconds
- Simply insert the Plug and Play intelligent sensor and rotate one-quarter of a turn
- The remote is sold separately
- The sensor has ZigBee integrated wireless mesh network capabilities, while ZigBee works on any Android or iOS operating system or device

Patented Plug and Play Intelligent Sensor

You can install your light fixtures today and mount your sensors whenever you need - without any hassle

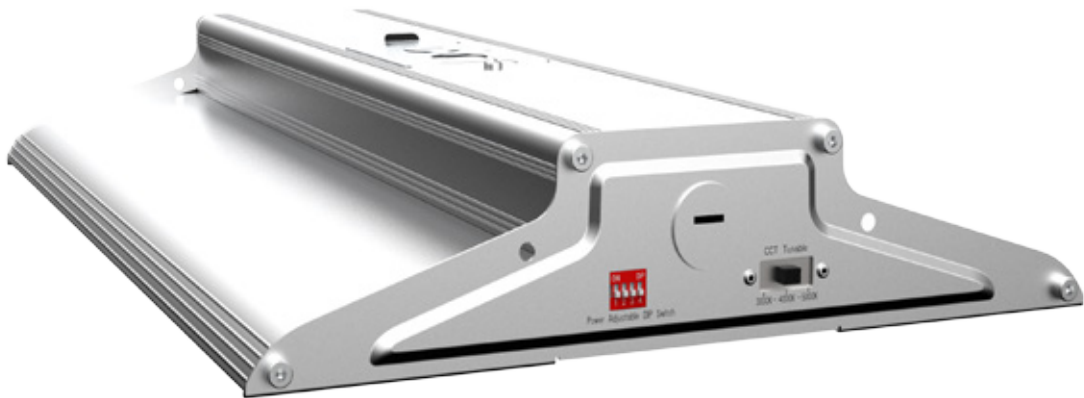
- 3 seconds, easy plug and play
- No new control wiring needed



CCT & Wattage field-adjustable

Reduce SKUs by up to 80% (Optional)

Reduce overall number of SKUs to 2 or 3 while offering 8 wattage and 3 CCT choices



Wattage / DIP Switch Settings

SKUs	Desired Wattage	DIP Switch Settings			
		1	2	3	4
SKU 1	100W	ON	OFF	OFF	OFF
	120W	OFF	ON	OFF	OFF
	150W	OFF	OFF	ON	OFF
	200W	OFF	OFF	OFF	ON
SKU 2	220W	ON	OFF	OFF	OFF
	240W	OFF	ON	OFF	OFF
	300W	OFF	OFF	ON	OFF
	400W	OFF	OFF	OFF	ON

CCT / DIP Switch Settings

Desired CCT	DIP Switch Settings		
	-	O	≡
3000K	ON	OFF	OFF
4000K	OFF	ON	OFF
5000K	OFF	OFF	ON

Simple Plug & Go cord installation,

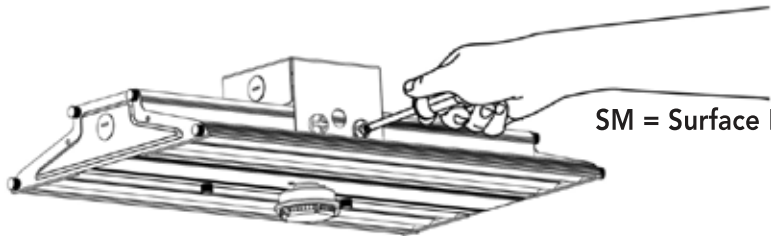
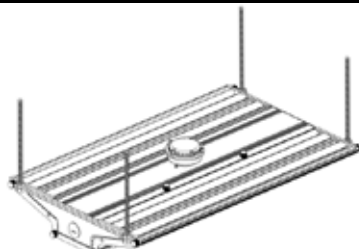
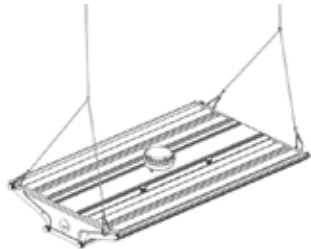
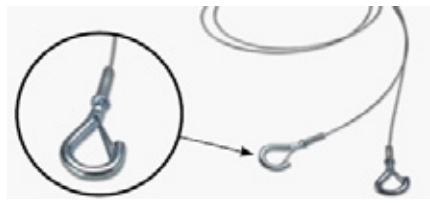
Reduce labor cost by up to 50% (Optional)

No internal flxture access required for installation or disconnecting power

- The Plug & Go power cord design is a time saver in installation – simply plug & go
- Allows external fixture access for safe and easy servicing. There is no need to dismantl the fixture to disconnect the fixture power
- Access to the individual fixture’s power supply allows servicing without turning off all the fixtures and disrupting occupants.

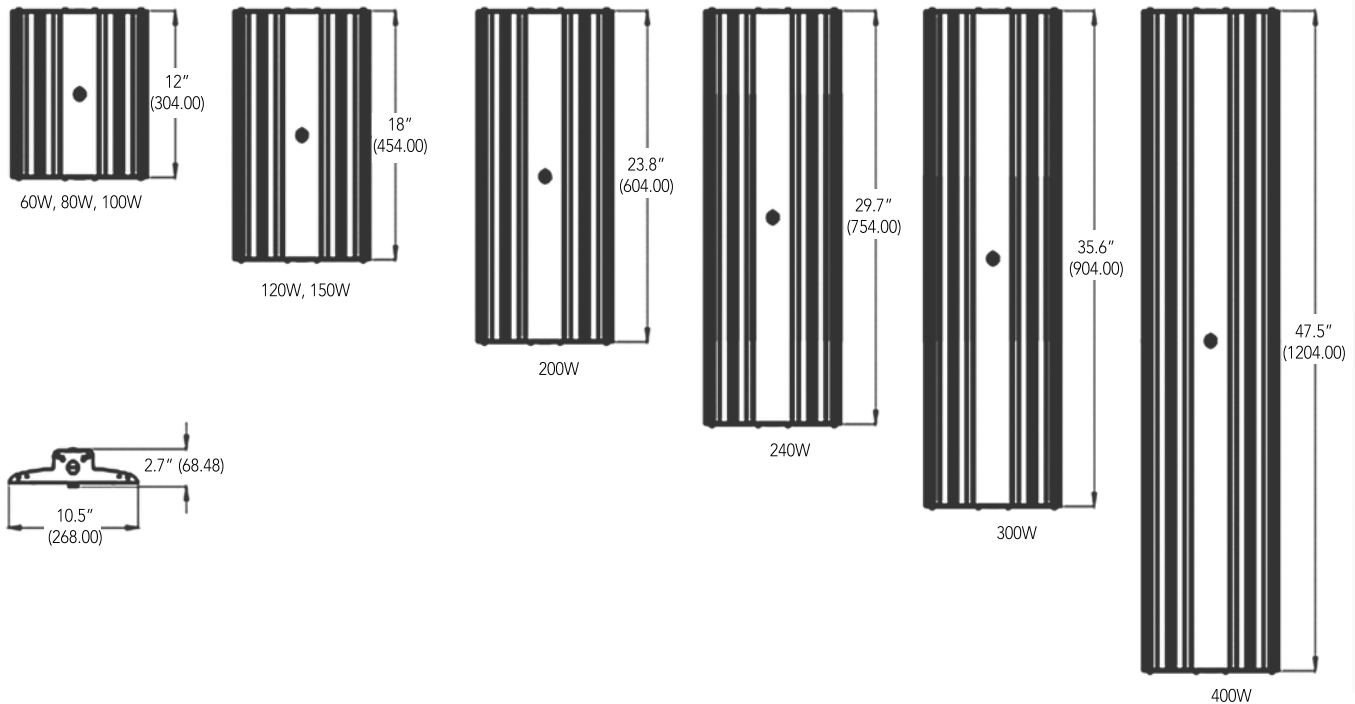


MOUNTING

MOUNTING OPTIONS	IMAGE	ORDER CODE
Standard Y-Cable w/hook 3ft Mounting kit Available on all fixture configurations (chain not included). Y-Cable w/hook can be ordered as an accessory		STM= 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).		PM = 3/4" Pendant Mount Kit
Surface Mount (optional) Available on all fixture configurations. Attaches to structural member in ceiling. (Hardware not included.)	 SM = Surface Mount	
Standard Inverted Mount Available on all fixture configurations Attaches to 3/8" threaded rod (rod not included)		UPM = Standard Inverted Mount
Inverted Y- Cable Mount		YUPM5 = Inverted Mount Y-Cable/ Hook 5ft YUPM10 = Inverted Mount Y-Cable/ Hook 10ft YUPM15= Inverted Mount Y-Cable/ Hook 15ft
Y-Cable w/hook (optional) Use with Standard Mounting Option only. Order separately. Price adder per pair.5 ft., 10 ft., 15 ft., 20 ft. lengths available.		YC5=Y-Cable/Hook 5ft YC10=Y-Cable/Hook 10ft YC15=Y-Cable/Hook 15ft YC20=Y-Cable/Hook 20ft

DIMENSIONS

unit: inch/mm



ORDERING GUIDE

Example: AO-LHB01-60-LV-P-120-PR-STM-C3-PPR

Fixture Type AO-	Wattage 	Voltage 	Efficiency 	Optics 	Sensor/ Wireless Control (Note 1) 	Mounting (Note 2) 	Power Cord/Plug (Note 3,5) 	Options
LHB01 LED Linear High Bay Series	60 60W 80 80W 100 100W 120 120W 150 150W 200 200W 240 240W 300 300W 400 400W	LV 100-277V MV 347V HV 480V	(Omit) Standard P Premium	(Omit) 120D No Lens Std. 120 120D 90 90D 55 55D 30 30D DL Diffused Lens	(Omit) No Sensor PR Sensor Receptacle Only MS1 Motion Sensor <30ft MS2 Motion Sensor <40ft ZG01 ZigBee Wireless Control DAL DALI Control	STM Standard Chain/ Cable Ready PM 3/4" Pendant Kit UPM Inverted Mount YC Y-Cable (Note 6) YUP Y-Cable Inverted (Note 7)	(Omit) 3/4" Knockout (Note 4) C3 3 ft Cord C6 6 ft Cord PGC3 3 ft Plug & Go Cord PGC6 6 ft Plug & Go Cord PL1 5-15P PL2 5-20P PL3 L7-15P PL4 L7-20P PL5 L8-20P	PGR Plug & Go Cord Receptacle(5-15R) EM Emergency Batt. 1PK Single Pack SPT 10KV Surge Prot. Dim 0-10VDC ZG ZigBee MS1 <30 ft Motion Sensor MS2 <40 ft Motion Sensor DKP Double Knockout Plate

NOTES

1. Plug and Play Microwave Motion Sensor Remote sold separately
2. Cable or Chain Ready, Standard Option (Hardware not Included)
3. Omit = No Cord, No Plug, No Dimming wiring
4. 7/8" knockout for 3/4" universal cable clamp fittings
5. Plug and Go Cord is optional 3 ft., 6 ft., 12 ft. and 20 ft. lengths
6. Specify length 5, 10, 15 or 20 ft
7. Specify length 5, 10 or 15 ft



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Specifications are subject to change without notice.
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