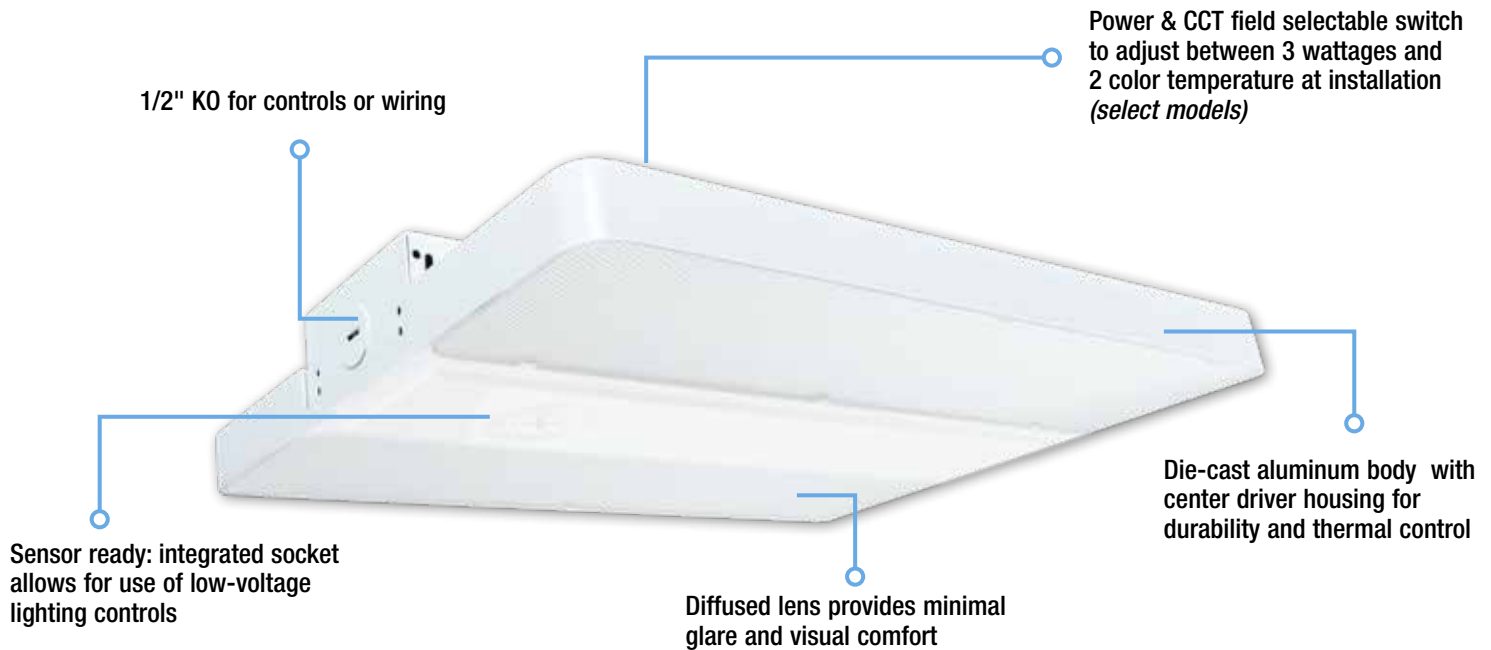




# LED LINEAR HIGH BAY



POWER  
SELECT



## REPLACEMENT FOR MULTI-LAMP FLUORESCENT OR HID HIGH BAY LUMINARIES

- **COMMERCIAL, INDUSTRIAL**
- **HIGH CEILING APPLICATIONS**
- **MANUFACTURING FACILITIES**
- **BIG BOX RETAIL**
- **WAREHOUSES**
- **GYMNASIUMS**

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# LED LINEAR HIGH BAY



## CONSTRUCTION

- Die-cast aluminum body with center driver housing for durability and thermal control
- White powder coat finish
- Wide 90 degree, optically enhanced lens for added glare control
- URG rating < 28

## ELECTRICAL

- Standard 0-10V dimming
- Multi-volt driver, 120-277V standard
- High Voltage 277-480V model available
- Long life LED system with greater than 50,000 hours
- Power Factor  $\geq 0.9$ , THD%  $\leq 20\%$
- 6kV surge protection rating

## INSTALLATION

- Suspension mount ready, V-hook & chain included
- Surface mount and pendant mount kits sold separately
- Wire guards available for additional protection

## EMERGENCY BATTERY BACKUP

- Select models with integrated emergency battery backup
- 90 minute battery backup with constant power to LED system
- Field install, 120-277V Universal input emergency driver accessory available
- Minimum starting temperature for battery 32°F

## CONTROLS

- Low voltage sensor receptacle for sensor install
- Plug and play low voltage PIR sensor and remote control accessory available
- Line voltage PIR sensor accessory available for use with 120-277V
- 0-10V dimming standard on all fixtures

## COMPLIANCE

- cULus listed for damp location
- FCC part 15
- -40°F to 131°F ambient operating temperatures
- 5-year limited warranty

## ORDERING GUIDE

Example: LHB-30L-W-PCS-HVEM



PRODUCT	LUMEN PACKAGE	BEAM ANGLE	CCT	OPTIONS
LHB = LINEAR HIGH BAY	18L = 18,000L 24L = 24,000L 30L = 30,000L 36L = 36,000L 48L = 48,000L 63L = 63,000L	W= WIDE BEAM ANGLE	40K = 4000K 50K = 5000K	U = UNIVERSAL VOLTAGE (120-277) HV = HIGH VOLTAGE (277-480V) EM = EMERGENCY BATTERY BACKUP
	POWER SELECTABLE MODELS 15L = 9,500/12,500/15,000L 30L = 18,600/24,000/30,000L		PCS = POWER SELECTABLE & CCT SELECTABLE 3500K/4000K/5000K	

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Job Name/Title: \_\_\_\_\_

Model #: \_\_\_\_\_

Fixture Type: \_\_\_\_\_



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## LED LINEAR HIGH BAY



### ITEM SPECIFICATIONS | ORDER INFO

MODEL #	ORDER CODE	UPC	INPUT VOLTAGE MAX. INPUT CURRENT	WATTAGE	CCT	LUMENS	EFFICACY (LM/W)	HID REPLACEMENT	FLOURESCENT REPLACEMENT	TYPICAL MOUNTING HEIGHT
LHB-15L-W-PCS-U	75829	032886308765	120-277V 1.0/0.44A	60W	3500K	9,400	157	100W	4-LAMP 32W T8/NBF	12-20FT
					4000K	9,600	160			
					5000K	9,500	158			
				80W	3500K	12,400	155	175W	4-LAMP 32W T8/HBF	
					4000K	12,700	159			
					5000K	12,500	156			
				100W	3500K	14,200	142	200W	6-LAMP 32W T8/NBF	
					4000K	15,600	156			
					5000K	15,000	150			
LHB-30L-W-PCS-U LHB-30L-W-PCS-UEM (battery backup)	75827 75825	032886308741 032886308727	120-277V 2.0/0.88A	120W	3500K	18,500	154	250W	6-LAMP 32W T8/NBF	25-35FT
					4000K	18,800	157			
					5000K	18,600	155			
				160W	3500K	23,500	147	400W	6-LAMP 54W T5/HO	
					4000K	29,000	181			
					5000K	24,000	150			
				200W	3500K	28,600	143	575W	10 LAMP 32W T8/HBF	
					4000K	31,000	155			
					5000K	30,000	150			
LHB-30L-W-PCS-HV LHB-30L-W-PCS-HVEM (battery backup)	75828 75826	032886308758 032886308734	277-480V 0.8/0.51A	120W	3500K	18,500	154	250W	6-LAMP 32W T8/NBF	25-35FT
					4000K	18,800	157			
					5000K	18,600	155			
				160W	3500K	23,500	147	400W	6-LAMP 54W T5/HO	
					4000K	29,000	181			
					5000K	24,000	150			
				200W	3500K	28,600	143	575W	10 LAMP 32W T8/HBF	
					4000K	31,000	155			
					5000K	30,000	150			

### EM DATA

MODEL #	INPUT VOLTAGE	EM WATTAGE	EM LUMENS	MIN. STARTING TEMP
LHB-30L-W-PCS-UEM	120-277V	16W	4,150	32°F
LHB-30L-W-PCS-HVEM	277-480V	20W	5,660	32°F

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# LED LINEAR HIGH BAY (CONTINUED)

MAX. AMBIENT OPERATING TEMP.	L70 LUMEN MAINTENANCE
77°F	>100,000 HOURS
131°F	50,000 HOURS

## ITEM SPECIFICATIONS | ORDER INFO

MODEL #	ORDER CODE	UPC	INPUT VOLTAGE MAX. INPUT CURRENT	WATTAGE	CCT	LUMENS	EFFICACY (LM/W)	HID REPLACEMENT	FLUORESCENT REPLACEMENT	TYPICAL MOUNTING HEIGHT
LHB-18L-W-40K-U	75830	032886308772	120-277V 1.2/0.52A	120W	4000K	18,000	150	250W	6-LAMP 32W T8 NBF	15-20FT
LHB-18L-W-50K-U	75831	032886308789			5000K					
LHB-24L-W-40K-U	75832	032886308796	120-277V 1.6/0.70A	160W	4000K	24,000	150	400W	6-LAMP 54W T5/HO	20-30FT
LHB-24L-W-50K-U	75833	032886308802			5000K					
LHB-30L-W-40K-U	75834	032886308819	120-277V 2.0/0.88A	200W	4000K	30,000	150	575W	10 LAMP T8/HBF	25-35FT
LHB-30L-W-50K-U	75835	032886308826			5000K					
LHB-36L-W-40K-U	75836	032886308833	120-277V 2.4/1.05A	240W	4000K	36,000	150	750W	8-LAMP 54W T5/HO	30-40FT
LHB-36L-W-50K-U	75837	032886308840			5000K					
LHB-48L-W-40K-U	75838	032886308857	120-277V 3.2/1.41A	320W	4000K	48,000	150	875W	10-LAMP 54W T5/HO	40-50FT
LHB-48L-W-50K-U	75839	032886308864			5000K					
LHB-63L-W-40K-U	75840	032886308871	120-277V 4.2/1.85A	420W	4000K	63,000	150	1000W	---	50-60FT
LHB-63L-W-50K-U	75841	032886308888			5000K					

## DLC INFORMATION

MODEL #	DLC I.D.	DLC CLASSIFICATION	DLC PRIMARY USE
LHB-15L-W-PCS-U	S-83IGRV	PREMIUM	HIGH-BAY LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDINGS
LHB-30L-W-PCS-U	S-UPQ3EZ		
LHB-30L-W-PCS-HV	S-ZM3CVU		
LHB-30L-W-PCS-UEM	S-UPQ3EZ		
LHB-30L-W-PCS-HVEM	S-ZM3CVU		
LHB-18L-W-40K-U	S-K2XUFI		
LHB-18L-W-50K-U	S-VIS2WY		
LHB-24L-W-40K-U	S-YNJPGF		

MODEL #	DLC I.D.	DLC CLASSIFICATION	DLC PRIMARY USE
LHB-24L-W-50K-U	S-QBPOMF	PREMIUM	HIGH-BAY LUMINAIRES FOR COMMERCIAL AND INDUSTRIAL BUILDINGS
LHB-30L-W-40K-U	S-CM15J9		
LHB-30L-W-50K-U	S-LV460C		
LHB-36L-W-40K-U	S-VDRYQL		
LHB-36L-W-50K-U	S-841ZSI		
LHB-48L-W-40K-U	S-JT53CP		
LHB-48L-W-50K-U	S-Z7QPRT		
LHB-63L-W-40K-U	S-RQWBEM		
LHB-63L-W-50K-U	S-DPQ7JL		

## NOTES

Dimming with standard 0-10V control system or wall dimmers. Dimming complies with IEC60929 Annex E. Fixture may not be compatible with all dimmers. Dimming performance may vary based on selected dimmer. Visit [www.topaz-usa.com/led-dimmer-compatibility](http://www.topaz-usa.com/led-dimmer-compatibility) for up-to-date dimmer compatibility information.

Power & CCT selectable models: default settings are 5000K at the highest wattage

FIVE (5) YEAR LIMITED WARRANTY: SOUTHWIRE COMPANY, LLC. For details visit: <https://southwire.com/resources/warranties>

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. CAN-ICES-003B/NMB-003B

Specifications are subject to change without prior notice. Replacement wattage shown depends on application and fixture.

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# LED LINEAR HIGH BAY



POWER &amp; CCT SELECTABLE SWITCH



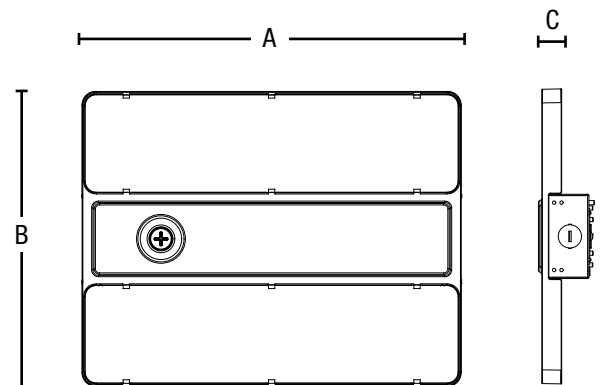
EM PUSH TO TEST BUTTON



## DIMENSIONS | WEIGHT

MODEL #	A (IN)	B (IN)	C (IN)	WEIGHT (LBS)	PALLET QUANTITY (PCS)* 48" X 40" X 60"
LHB-15L-W-PCS-U	14.2	11	1.89	4.19	168
LHB-30L-W-PCS-U	18.1	11.8	1.89	5.95	210
LHB-30L-W-PCS-UEM				8.6	81
LHB-30L-W-PCS-HV	23	12.6	1.89	7.27	210
LHB-30L-W-PCS-HVEM				9.8	60
LHB-18L-W-40K-U	14.2	11	1.89	4.4	168
LHB-18L-W-50K-U					
LHB-24L-W-40K-U	18	11.8	1.89	5.51	168
LHB-24L-W-50K-U					
LHB-30L-W-40K-U	18.1	11.8	1.89	5.95	168
LHB-30L-W-50K-U					
LHB-36L-W-40K-U	23	12.6	1.89	7.27	168
LHB-36L-W-50K-U					
LHB-48L-W-40K-U	23	12.6	1.89	7.93	168
LHB-48L-W-50K-U					
LHB-63L-W-40K-U	46	12.6	1.89	17.19	156
LHB-63L-W-50K-U					

\* Pallet quantities may vary



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## LED LINEAR HIGH BAY

### ACCESSORIES (SOLD SEPARATELY)

MODEL #	ORDER CODE	DESCRIPTION
LHB-SMB1	75842	SURFACE MOUNT BRACKET FOR 14"-18" LINEAR HIGH BAYS
LHB-SMB2	75843	SURFACE MOUNT BRACKET FOR 23"-46" LINEAR HIGH BAYS
LHB-PMB1	75844	PENDANT MOUNT BRACKET FOR 14"-18" LINEAR HIGH BAYS
LHB-PMB2	75845	PENDANT MOUNT BRACKET FOR 23"-46" LINEAR HIGH BAYS
LHB-WG1	75846	WIRE GUARD FOR 14" LINEAR HIGH BAY
LHB-WG2	75847	WIRE GUARD FOR 18" LINEAR HIGH BAY
LHB-WG3	75848	WIRE GUARD FOR 23" LINEAR HIGH BAY
LHB-WG4	75849	WIRE GUARD FOR 46" LINEAR HIGH BAY
OS-PIR-UNV	75850	OCCUPANCY SENSOR 120-277V
OS-PIR-12V	75851	OCCUPANCY SENSOR-12V
OS-PIR-BT-12V	75852	BLUETOOTH OCCUPANCY SENSOR-12V
F-LUHB/RC/G3	72725	REMOTE CONTROL FOR OCCUPANCY SENSORS (ORDER ONE PER PROJECT)
LHB-EM-25W-UNV	75853	EMERGENCY BATTERY BACKUP KIT 25W 120-277V
CS515-12-WH	74441	12FT CORDSET 120V NEMA 5-15 15A STRAIGHT BLADE- WHITE
CS715-12-WH	74442	12FT CORDSET 277V NEMA 7-15 15A STRAIGHT BLADE-WHITE
CSL515-12-WH	74443	12FT CORDSET 120V NEMA L5-15 15A TWIST LOCK-WHITE
CSL715-12-WH	74444	12FT CORDSET 277V NEMA L7-15 15A TWIST LOCK-WHITE
CSL820-12-WH	74445	12FT CORDSET 480V NEMA L8-20 20A TWIST LOCK-WHITE

### MOTION SENSOR PRE-PROGRAMMED SETTINGS

MODEL #	SENSITIVITY	HOLD TIME	DAYLIGHT THRESHOLD	STANDBY DIMMING LEVEL	STANDBY DIMMING PERIOD
OS-PIR-UNV	100%	5 MIN	DISABLE	30%	60 MIN
OS-PIR-12V	100%	5 MIN	DISABLE	30%	60 MIN
OS-PIR-BT-12V	100%	1 MIN	DISABLE	30%	30 MIN

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Job Name/Title: \_\_\_\_\_

Model #: \_\_\_\_\_

Fixture Type: \_\_\_\_\_



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## LED LINEAR HIGH BAY

### ACCESSORY COMPATIBILITY

FIXTURE MODEL #	WATTAGE	FIXTURE LENGTH	SURFACE MOUNT BRACKET	PENDANT MOUNT BRACKET	WIRE GUARD
LHB-18L-W-40K-U	120W	14"	LHB-SMB1	LHB-PMB1	LHB-WG1
LHB-18L-W-50K-U					
LHB-24L-W-40K-U	160W	18"	LHB-SMB1	LHB-PMB1	LHB-WG2
LHB-24L-W-50K-U					
LHB-30L-W-40K-U	200W	18"	LHB-SMB1	LHB-PMB1	LHB-WG2
LHB-30L-W-50K-U					
LHB-36L-W-40K-U	240W	23"	LHB-SMB2	LHB-PMB2	LHB-WG3
LHB-36L-W-50K-U					
LHB-48L-W-40K-U	320W	23"	LHB-SMB2	LHB-PMB2	LHB-WG3
LHB-48L-W-50K-U					
LHB-63L-W-40K-U	420W	46"	LHB-SMB2	LHB-PMB2	LHB-WG4
LHB-63L-W-50K-U					
<b>POWER &amp; CCT SELECTABLE</b>					
LHB-15L-W-PCS-U	60W	14"	LHB-SMB1	LHB-PMB1	LHB-WG1
	80W				
LHB-30L-W-PCS-U LHB-30L-W-PCS-UEM	100W	18"	LHB-SMB1	LHB-PMB1	LHB-WG2
	120W				
	160W				
LHB-30L-W-PCS-HV LHB-30L-W-PCS-HVEM	200W	23"	LHB-SMB2	LHB-PMB2	LHB-WG3
	120W				
	160W				
	200W				

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