

LHB SERIES LINEAR BAY LIGHT

Client:
 Project:
 Type:
 Quantity:

CONSTRUCTION

Full body steel housing constructed for shipment and job site durability.
 Channel includes top and side knockouts for simple and accessible wiring.

OPTICS

>95% efficiency optical grade polycarbonate clear lens for wide distribution.
 Optional frosted diffuser for glare reduction.

ELECTRICAL

80+ CRI LED.
 -40°C up to 55°C (-40°F up to 131°F) maximum operating temperature.
 60,000 hr LEDs at L70 @ 40°C.
 50/60Hz, <20% THD, >.9 Power Factor. 50,000 hr rated electronic driver.
 Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.
 Optional 347/480V input.
 Optional dimming sensor for occupancy and ambient light level detection.
 Optional external emergency battery for 120-277V / 480V application.

SENSOR (OPTIONAL)

SENSOR-819-O1 End mount on/off motion sensor lowbay lens (120-277)
 SENSOR-819-O2 End mount on/off motion sensor highbay lens (120-277V)
 SENSOR-819-D1 End mount programmable motion and photocell sensor lowbay lens (120-277V, 1-10V Dimming)
 SENSOR-819-D2 End mount programmable motion and photocell sensor highbay lens (120-277V, 1-10V Dimming)
 SENSOR-820 Integral programmable motion and photocell sensor highbay lens (347/480V, 0-10V Dimming)
 SENSOR-LSXR-10-ADC End mount programmable daylight harvesting sensor lowbay lens (120-277V, 0-10V Dimming)
 SENSOR-LSXR-6-ADC End mount programmable daylight harvesting sensor highbay lens (120-277V, 0-10V Dimming)
 SENSOR-LSXR-10-ADC-HVLT End mount programmable daylight harvesting sensor lowbay lens (480V, 0-10V Dimming)
 SENSOR-LSXR-6-ADC-HVLT End mount programmable daylight harvesting sensor highbay lens (480V, 0-10V Dimming)

MOUNTING

Adjustable aircraft cable hanger as standard mounting.

FINISH

All metal parts are post painted after fabrication with polyester powder coat paint with 90% reflectance.

CERTIFICATION

All luminaires are built to UL1598 standards and bear appropriate cULus labels.
 For Emergency application, equipment with UL924 certified battery packs.
 DLC® (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



175 / 210W



90 / 130W



175 / 210W



270 / 300W

Shipping Data

Product	Measurement	Weight
LHB-90 / 130	17"L x 10"W x 2"H	6 lb
LHB-175 / 210	24"L x 10"W x 2"H	7 lb
LHB-270 / 300	36"L x 10"W x 2"H	10 lb



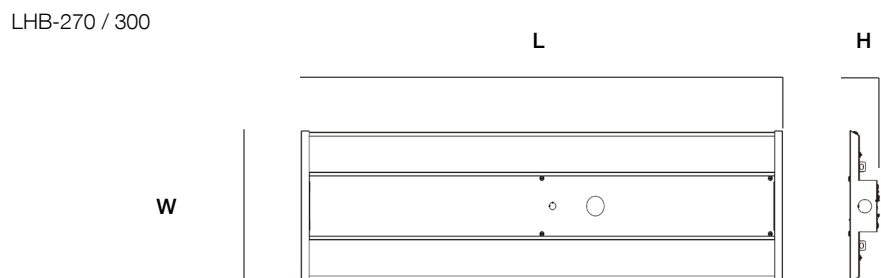
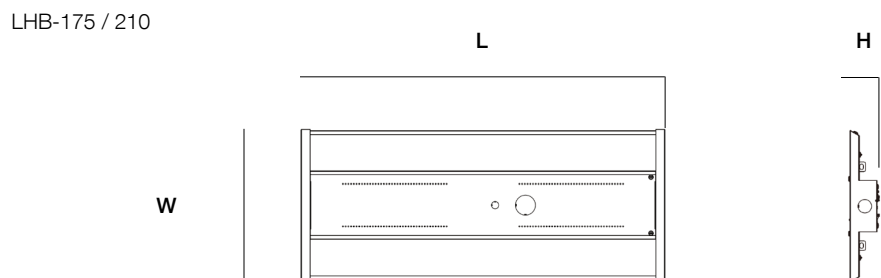
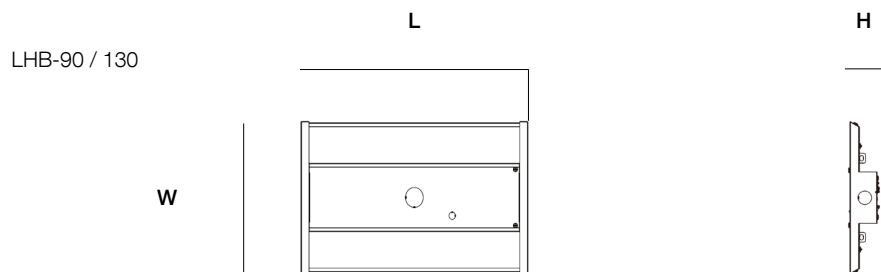
LHB SERIES LINEAR BAY LIGHT

Order Information				Example : LHB 130 50 FL WH UD				
Fixture	Series	Power & LM		CCT	Distribution	Finish	Input	
	LHB				FL	WH		
Accessories Options								
A	Series							
	LHB	Linear Bay Light						
B	Power & LM							
	Code	Power	LM	LPW	Code	Power	LM	LPW
	90	90W	12700lm	141	210	210W	30600lm	146
	130	130W	18600lm	140	270	270W	37000lm	137
	175	175W	25000lm	143	300	300W	41500lm	138
C	CCT							
	40	4000K		50	5000K			
D	Distribution							
	FL	Frosted Lens						
E	Finish							
	WH	White						
F	Input							
	UD	120-277V, 0-10V Dimmable		HD	347-480V, 0-10V Dimmable			
G	Accessories/Options							
	blank	Adjustable aircraft cable hanging kit (standard)						
	WIREGUARD-LHB-A	Wireguard for LHB-90/130						
	WIREGUARD-LHB-B	Wireguard for LHB-170/210, LHBA-210 models						
	WIREGUARD-LHB-C	Wireguard for LHB-270/300						
	AIA	Assembled in America, compliant with BAA (COTS)						
	EMB-H15260*	90-Minute Self-Diagnostic Emergency Battery 15W 100-277VAC Input 170VDC Output for LHB 90/130/175/210						
	EMB-H40170*	90-Minute Self-Diagnostic Emergency Battery 40W 100-347VAC Input 170VDC Output						
	EMB-H40500*	90-Minute Self-Diagnostic Emergency Battery 40W 347-487VAC Input 500VDC Output						
	SENSOR-819-__*	End mount on/off motion sensor O1: Lowbay lens O2: Highbay Lens (120-277V)						
	SENSOR-819-__*	End mount programmable motion and photocell sensor D1: Lowbay lens D2: Highbay Lens (120-277V, 0-10V Dimming)						
	SENSOR-820	Integral programmable motion and photocell sensor highbay lens (347/480V, 0-10V Dimming)						
	SENSOR-LSXR-10-ADC*	End mount programmable daylight harvesting sensor lowbay lens (120-277V, 0-10V Dimming)						
	SENSOR-LSXR-6-ADC*	End mount programmable daylight harvesting sensor highbay lens (120-277V, 0-10V Dimming)						
	SENSOR-LSXR-10-ADC-HVLT*	End mount programmable daylight harvesting sensor lowbay lens (480V, 0-10V Dimming)						
	SENSOR-LSXR-6-ADC-HVLT*	End mount programmable daylight harvesting sensor highbay lens (480V, 0-10V Dimming)						
	SURGE-LSP4-U / H	10kV surge protector (120-277V) 10kV surge protector (480V)						
	-CORD / CORD-H	18-3 300V cord (Specify length) / 18-3 600V cord (Specify length)						
	-PLUG	6ft standard length 18-3 300V cord with 3 prong plug						
	TWIST-LOCK	Specify Plug Type: L515P / L715P / HBL5929 / L8-20P						
	*see pg. 5 for spec							

LHB SERIES LINEAR BAY LIGHT

Dimensions

Model	L	W	H
LHB-90 / 130	16.54" (420mm)	9.84" (250mm)	1.75" (44mm)
LHB-175 / 210	23.62" (600mm)	9.84" (250mm)	1.75" (44mm)
LHB-270 / 300	35.43" (900mm)	9.84" (250mm)	1.75" (44mm)



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PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	4000K / 5000K		QTY ON PALLET
		LUMENS	LPW	
90W	120-277V	12700	141	240
130W	120-277V	18600	143	240
175W	120-277V	25000	143	200
210W	120-277V	30600	146	200
270W	120-277V	37000	133	160
300W	120-277V	41500	135	160

DLC Code

Part Number	DLC Part Number	DLC Class
LHB - 90 40 FL WH UD / HD	S-8WOSQG	Standard
LHB - 90 50 FL WH UD / HD	S-7I4WCN	Standard
LHB - 130 40 FL WH UD / HD	S-GHN2DQ	Standard
LHB - 130 50 FL WH UD / HD	S-IJN8X3	Standard
LHB - 175 40 FL WH UD	S-ZSN6RC	Standard
LHB - 175 50 FL WH UD	S-KPQJEL	Standard
LHB - 210 40 FL WH UD / HD	S-LNAQFX	Standard
LHB - 210 50 FL WH UD / HD	S-FBW94K	Standard
LHB - 270 40 FL WH UD / HD	S-W8CFED	Standard
LHB - 270 50 FL WH UD / HD	S-65K1GB	Standard
LHB - 300 40 FL WH UD / HD	S-JZ017Y	Standard
LHB - 300 50 FL WH UD / HD	S-JRBPFF6	Standard

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Sensor Spec

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-819-O1	PIR	20FT	30FT radius	Universal	On/Off	REMOTE-RC100
SENSOR-819-O2		40FT	30FT radius			
SENSOR-819-D1	PIR	20FT	30FT radius	Universal	On/Off/Dimming	REMOTE-RC100
SENSOR-819-D2		40FT	30FT radius			
SENSOR-LSXR-10-ADC	PIR	9FT	28FT radius	Universal	On/Off/Dimming	Push-button on unit
SENSOR-LSXR-6-ADC		45FT	30FT radius		Daylight Harvesting	
SENSOR-LSXR-10-ADC-HVLT	PIR	9FT	28FT radius	480V	On/Off/Dimming	Push-button on unit
SENSOR-LSXR-6-ADC-HVLT		45FT	30FT radius		Daylight Harvesting	



SENSOR-819-XX

SENSOR-LSXR-XX

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H15260	90mins	100-277VAC	90-260VDC	15W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H40170	90mins	100-347VAC	170VDC	40W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install
EMB-H40500	90mins	347-480VAC	310~500VDC	40W	0°C ~ 50°C 32°F ~ 122°F	Factory or Field Install

