

LHC SERIES COMPACT LINEAR BAY LIGHT

Client:
Project:
Type:
Quantity:

CONSTRUCTION

Compact die-cast aluminum housing, sturdy structure design, entire body serves as heat sink for the light engine. Includes top and side knockouts for simple and accessible wiring.

OPTICS

>95% efficiency polycarbonate shatter proof frosted lens.

ELECTRICAL

80+ CRI LED.

-40°C up to 55°C (-40°F up to 131°F) maximum operating temperature.

100,000 hr LEDs at L70 @ 25°C. 50/60Hz, <20% THD, >.95 Power Factor.

Driver operates at 120-277V input, 1-10V dimmable driver, down to 10%.

Optional 347/480V input.

Optional dimming sensor for occupancy and ambient light level detection.

SENSORS (OPTIONAL)

SENSOR-819-O1 End mount on/off motion sensor lowbay lens.

SENSOR-819-O2 End mount on/off motion sensor highbay lens.

SENSOR-819-D1 End mount programmable motion and photocell sensor lowbay lens.

SENSOR-819-D2 End mount programmable motion and photocell sensor highbay lens.

CONTROL-LVFA AVI-ON Bluetooth Mesh Controller.

MOUNTING

Adjustable aircraft cable hanger as standard mounting included.

STANDARD FINISH

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

CERTIFICATION

Meets Buy America Act requirements.

All luminaires are built to UL1598 standards for damp location and bear appropriate cULus labels.

For Emergency application, equipment with UL924 certified battery packs.

DLC® Premium (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



180W / 210W



90W / 130W



180W / 210W

SHIPPING DATA

Product	Measurement	Weight
LHC-90	13"L x 13"W x 3"H	6 lb
LHC-130	13"L x 13"W x 3"H	8 lb
LHC-180	21"L x 13"W x 3"H	14 lb
LHC-210	21"L x 13"W x 3"H	15 lb



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ORDER INFORMATION				EXAMPLE: LHC 130 50 CK WH UD			
Fixture	Series	Power & LM	CCT	Distribution	Mounting	Finish	Input
	LHC				CK	WH	
A	SERIES						
	LHC	Compact Linear Bay Light					
B	POWER & LM						
	Code	Power	LM	LPW			
	90	90W	12,600lm	136			
	130	130W	18,500lm	140			
	180	180W	25,200lm	135			
	210	210W	29,000lm	144			
C	CCT						
	40	4000K					
	50	5000K					
D	DISTRIBUTION						
	blank	Polycarbonate Shatter-Proof Frosted Diffuser Lens					
E	MOUNTING						
	CK	Adjustable aircraft cable hanging kit (standard)					
F	FINISH						
	WH	White					
G	INPUT						
	UD	120-277V, 1-10V Dimmable		HD	347V/480V, 1-10V Dimmable		

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ORDER INFORMATION (CONTINUED)

Accessories
 Options

H ACCESSORIES/OPTIONS

AIA	Assembled in America, compliant with BAA (COTS)
WIREGUARD-LHC-A	Wireguard for LHC-90/130
WIREGUARD-LHC-B	Wireguard for LHC-180/210
EMB-8W-MST**	8W External Emergency Battery
SENSOR-819-O1/O2*	End mount on/off motion sensor lowbay lens / highbay lens
SENSOR-819-D1/D2*	End mount on/off/dimming dimming sensor lowbay lens / highbay lens
REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-819-D1/D2 Only, ANT Series
-CORD	18-3 300V 6 Foot Cord
-PLUG	18-3 300V 6 Foot Cord and 3 Prong Plug
TWIST-LOCK	Specify Plug Type: L515P / L715P / HBL5929 / L8-20P

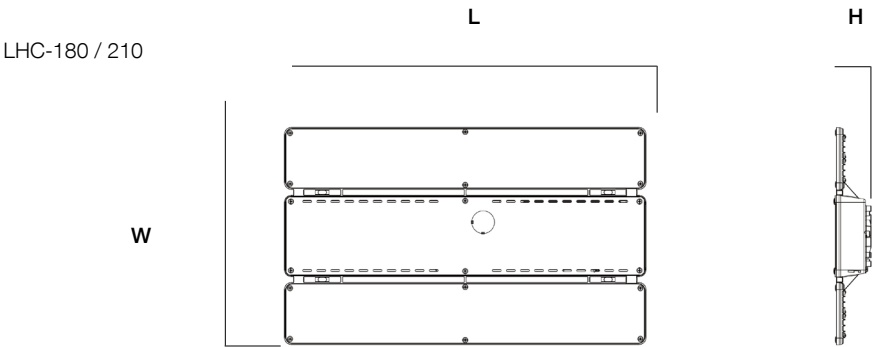
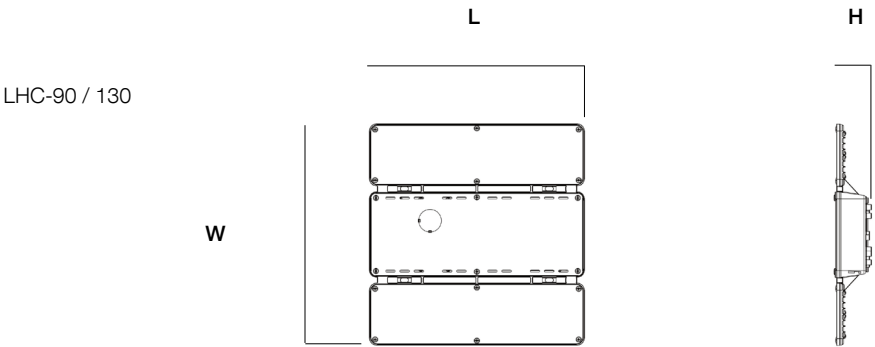
*see page 6 for sensor spec

**see page 7 for emb spec

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DIMENSIONS

Model	L	W	H
LHC-90 / 130	12.30" (312mm)	12.60" (321mm)	2.00" (52mm)
LHC-180 / 210	20.70" (525mm)	12.40" (315mm)	2.00" (52mm)



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PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	4000K / 5000K	
		LUMENS	LPW
90W	120-277V	12240	136
130W	120-277V	18200	140
180W	120-277V	24300	135
210W	120-277V	30240	144

DLC CODE

Part Number	DLC Product ID	DLC Class
LHC-9040-CKWHUD	DLC Product# PB14QYBJ - MLH0590W27V40KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-9050-CKWHUD	DLC Product# PNHATF89 - MLH0590W27V50KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC13040-CKWHUD	DLC Product# PMCFYS09 - MLH05130W27V40KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-13050-CKWHUD	DLC Product# PJF5SAWN - MLH05130W27V50KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-18040-CKWHUD	DLC Product# P9BPHU00 - MLH05180W27V40KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-18050-CKWHUD	DLC Product# PXE7ZTPS - MLH05180W27V50KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-21040-CKWHUD	DLC Product# PMB25ONZ - MLH05210W27V40KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium
LHC-21050-CKWHUD	DLC Product# PH5P8V4H - MLH05210W27V50KMD[Blank,M][Blank,B][Blank or A-Z or a-z or 0-9]	Premium

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-819-O1	PIR	20FT	30FT radius	Universal	On/Off	-
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-819-XX

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-8W-MST	90mins	100-347VAC	170VDC	8W	10°C ~ 60°C 50°F ~ 140°F	Factory or Field Install

