

LHN SERIES LINEAR BAY LIGHT SELECTABLE CCT

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 frosted lens for wide distribution.

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.

Selectable CCT 3500K ~ 5000K

Driver operates at 120-277V input, 0-10V dimmable driver, down to 10%.

Optional dimming sensor for occupancy and ambient light level detection.

Optional surge protection.

Optional cord / plug.

SENSORS (OPTIONAL)

SENSOR-819-O2 End mount on/off motion sensor highbay lens (120-277V)

SENSOR-819-D2 End mount programmable motion and photocell sensor
 highbay lens (120-277V, 1-10V Dimming)

SENSOR-LSXR-6-ADC End mount programmable daylight harvesting sensor
 highbay lens (120-277V, 0-10V Dimming)

SENSOR-LSXR-6-ADC-HVLT End mount programmable daylight harvesting
 sensor highbay lens (480V, 0-10V Dimming)

MOUNTING

Chain mount with V hook as standard mounting.

Optional Adjustable Aircraft Cable Kit.

Optional Pendant Mount Kit / Surface Mount Kit.

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® Premium (DesignLights Consortium Qualified)

WARRANTY

5 year warranty, see Limited Warranty for additional information.



110W / 130W / 320W



110W / 130W / 320W



160W / 255W / 300W

SHIPPING DATA

Product	Measurement	Weight
LHN-110 (2 pcs)	27"L x 17"W x 7"H	17 lb
LHN-160 (2 pcs)	27"L x 17"W x 7"H	24 lb
LHN-255 (2 pcs)	48"L x 17"W x 7"H	24 lb
LHN-300 (2 pcs)	48"L x 17"W x 7"H	26 lb



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ORDER INFORMATION				EXAMPLE: LHN 130 SC FL WH UD		
Fixture	Series	Power & LM	CCT	Distribution	Finish	Input
	LHN		SC		WH	
Accessories Options						

A SERIES

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B POWER & LM

Code	Power	LM	LPW	SIZE
110	110W	14,893	135	25" x 15" x 2"
160	160W	21,197	132	25" x 15" x 2"
255	255W	32,950	130	47" x 15" x 2"
300	300W	36,886	122	47" x 15" x 2"
320	320W	46,080	144	24" x 16" x 2"

C CCT

SC Selectable 3500K ~ 5000K

D DISTRIBUTION

FL Frosted Diffuser Lens

E FINISH

WH White

F INPUT

UD 110-277V, 0-10V Dimmable

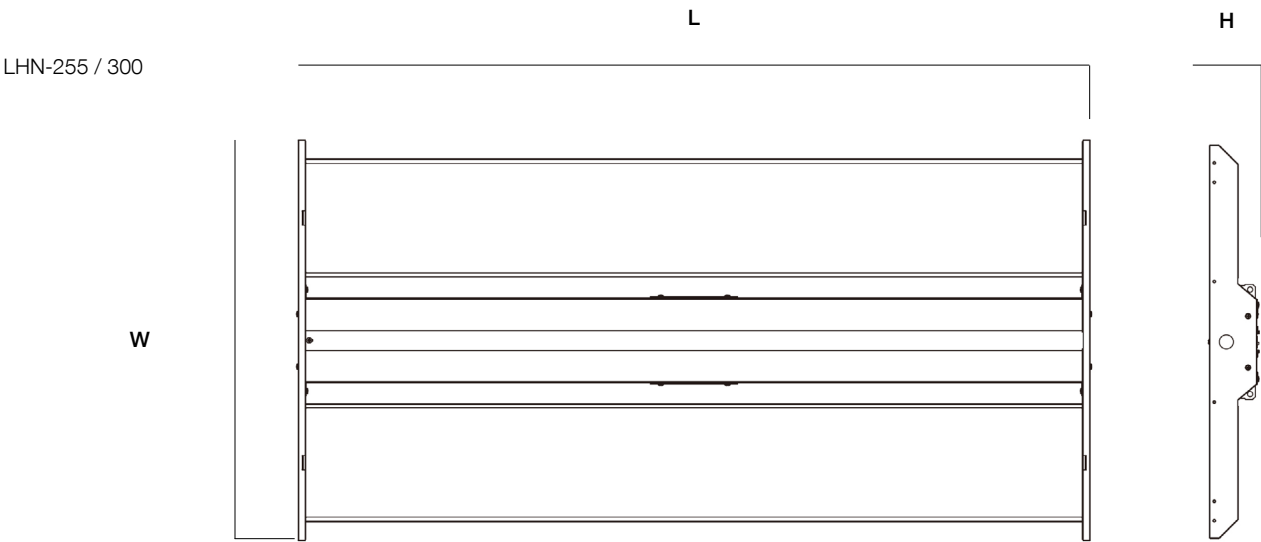
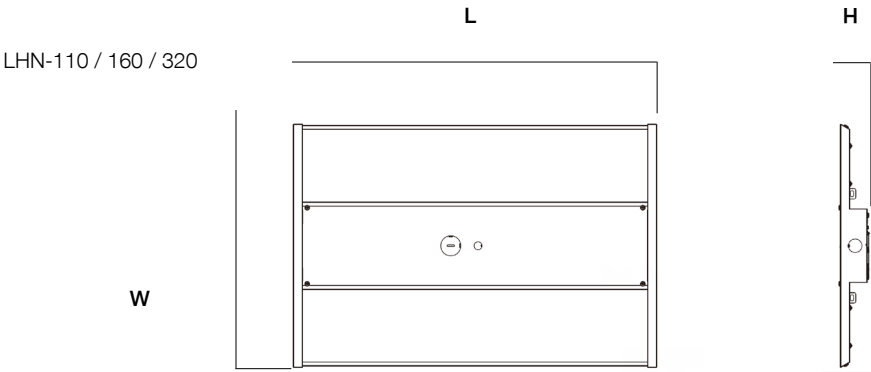
G ACCESSORIES/OPTIONS (SEE PG. 5 FOR SPEC)

blank	Chain Mount with V hook (standard)
REMOTE-RC100	Handheld Remote Commissioning Tool for SENSOR-819
EMB-H18170	External emergency battery 18W (120-277V)
EMB-H40170	External emergency battery 40W (120-277V)
EMB-H40500	External emergency battery 40W (277-480V)
SENSOR-819-O2	End mount on/off motion sensor highbay lens (120-277V)
SENSOR-819-D2	End mount programmable dimming sensor highbay lens (120-277V)
SENSOR-LSXR-6-ADC	End mount on/off/dimming, daylight harvesting sensor with highbay lens (120-277V, 1-10V dimming)
SENSOR-LSXR-6-ADC/-HVL	End mount programmable daylight harvesting highbay lens (120-277V)
-CORD	18-3 300V 6ft cord
-PLUG	18-3 300V 6ft cord with 3 prong plug
TWIST-LOCK	Specify Plug Type: L515P / L715P / HBL5929 / L8-20P

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DIMENSIONS

Model	L	W	H
LHN-110 / 160 / 320	25.01" (635mm)	15.01" (381mm)	1.87" (48mm)
LHN-255 / 300	46.50" (1181mm)	15.01" (381mm)	2.17" (55mm)



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PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	3500 / 4000K / 5000K		QTY ON PALLET
		LUMENS	LPW	
110W	120-277V	14893	135	90
160W	120-277V	21197	132	60
255W	120-277V	32950	130	60
300W	120-277V	36886	122	60
320W	120-277V	46080	144	90

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SENSOR SPEC

Model	Type	Mounting	Coverage	Input	Function	Programmable
SENSOR-819-O2	PIR	40FT	30FT radius	Universal	On/Off	REMOTE-RC100
SENSOR-819-D2	PIR	40FT	30FT radius	Universal	On/Off/Dimming	REMOTE-RC100
SENSOR-LSXR-6-ADC	PIR	45FT	30FT radius	Universal	On/Off/Dimming Daylight Harvesting	Push-button on unit



SENSOR-819-XX



SENSOR-LSXR-XX

EMB SPEC

Model	Battery Capacity	Input	Output	Output Power	Operating Temp	Installation
EMB-H18170	90mins	100-347VAC	170VDC	18W	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

