

PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 FIXTURE TYPE: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

# HCL Compact Linear High Bay

HCL 120 / 180  
90W / 130W



HCL 240  
180W



HCL 360  
260W



HCL 500 / 600  
360W / 420W



Images are shown for illustration purposes only.

The *HCL Compact Linear High Bay* gives full performance in half the size. This compact high bay weighs less than the competition and lasts twice as long, while providing the same high lumen output as a full-sized linear high bay. The small but sturdy HCL offers superior thermal performance and glare control. Eco-friendly contractor packaging makes installation even faster while reducing packaging waste and labor. Coming in lumen packages ranging from 12,200 to 60,500 lumens, the HCL is suitable for several commercial, retail, and institutional applications.



## APPLICATIONS

Commercial, Retail, and Institutional applications including Gymnasiums, Factories, and Warehouses.



## SPECIFICATIONS

### CONSTRUCTION

Die-cast aluminum.

### AMBIENT TEMPERATURE

Suitable for use in -40°C to 55°C (-40°F to 131 °F).

### LIFESPAN

70% lumen maintenance at > 100,000 hours.

### MOUNTING

Standard aircraft cable mounting (accessories included).  
Optional pendant or surface mounting available.

### LUMEN OUTPUT

Lumen packages ranging from 12,200 to 60,500 lumens.

### CCT AND CRI

4000K and 5000K CCT available; 80CRI.

### OPTICS

Glare reducing acrylic lens.

### WARRANTY

10-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### ELECTRICAL

Standard 120-277V. Optional HVU 347V/480V.  
Standard 0-10V Dimming. Class II Driver 50/60Hz with open/short circuit protection. Optional surge protection.

### FINISH

White finish.

### CERTIFICATIONS

UL Listed for damp locations. FCC compliant. RoHS compliant. Design Lights Consortium® (DLC) Premium 5.1 qualified product. Not all versions of this product may be DLC qualified. Please visit [www.slgus.com](http://www.slgus.com) to confirm which versions are qualified.

Due to continuous product improvements, specification and/or equipment updates may change without notice.

**PRODUCT ORDERING GUIDE**

**EXAMPLE: HCL 120 G1 4K**

Luminaire Type	Lumen Output	Optics	Generation	Voltage	CCT	Finish
<b>HCL</b> Compact Linear High Bay	<b>120</b> 12,200 Lumens/90 Watts* <b>180</b> 18,200 Lumens/130 Watts* <b>240</b> 24,300 Lumens/180 Watts* <b>360</b> 36,400 Lumens/260 Watts <b>500</b> 49,600 Lumens/360 Watts <b>600</b> 60,500 Lumens/420 Watts	<b>BLANK</b> Glare Control Acrylic Lens, Medium Beam	<b>G1</b>	<b>BLANK</b> 120-277V <b>HVU</b> 347-480V	<b>4K</b> 4000K <b>5K</b> 5000K	<b>BLANK</b> White

\*Only available in 4000K CCT

**SENSORS OR WIRELESS CONTROL (Choose 1)**

Individual Control Suitable for 120-277V
<b>BLANK</b> No Motion Sensor <b>MS-ACI-01</b> =Motion Sensor 120-277V (Choose 1) <b>L3</b> = 2x Lens (Max 20ft Mounting Height) <b>L7</b> = 2.5x Lens (Max 40ft Mounting Height) <b>RM51</b> = Remote Control

**PRODUCT OPTIONS**

Emergency Backup	Surge Protector	Cord Sets
<b>BLANK</b> No Emergency Backup <b>EL UNV-8W-LH-B</b> 8W Emergency Battery Kit, Compatible with HCL 120/140/180/240 - not available with HCL-PMB <b>EL UNV-15W-LH-B</b> 15W Emergency Battery Kit, - not available with HCL-SMB/HCL-PMB/HB-JBW <b>EMA-DH25D-UNV-170</b> 25W Emergency Battery Kit <b>EMA-LH40D-HVU-400</b> 40W Emergency Battery Kit HIGH VOLTAGE (For HVU fixtures only)	<b>BLANK</b> No Surge Protection <b>SPD-277</b> 5KA/10KV Surge Protection device, single phase protection with 120-277V input <b>SPD-480</b> 10KA/20KV Surge Protection device, single phase protection with 277-480V input	<b>BLANK</b> Standard 5 ft Aircraft Cable (1.5 ft Black/White/Green Conductors) <b>CS1</b> 6 ft Power Cord, Straight Cord, 18 Gauge, 3 Conductors, Black <b>CS2</b> 6 ft Power Cord, Twist-lock Plug Type, 3 Conductors, Black <b>CS3</b> 6 ft Power Cord, 14 Gauge, 3 Conductors, MC Solid Cable, No Plug <b>CS4</b> 6 ft Power Cord, 16 Gauge, 3 Conductors, SO Black Cord, No Plug <b>CS5</b> 6 ft Power Cord, 18 Gauge, 5 Conductors, Black Cord, No Plug

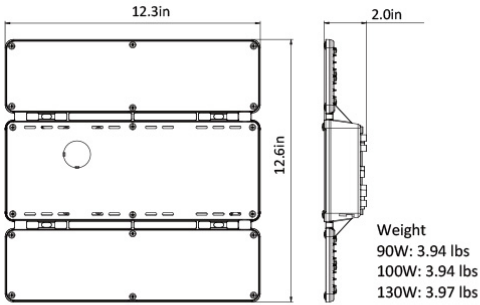
**ACCESSORIES (Shipped separately. Requires some field assembly.)**

Mounting	Wire Guards
<b>HCL-SMB</b> Surface Mount Bracket (2pcs included) <b>HCL-PMB</b> Pendant Mount Box for HCL 120 / 140 / 180 / 240 / 300 (Not compatible with EL UNV-8W-LH-B1/EL UNV-8W-LH-B2) <b>HB-JBW</b> Pendant Mount JBox for HCL 360 / 500 / 600	<b>WG-HCL11</b> Wire Guard for 1' x 1' for HCL 120 / 140 / 180 <b>WG-HCL12A</b> Wire Guard for 1' x 2' for HCL 240 / 300 <b>WG-HCL12B</b> Wire Guard for 1' x 2' for HCL 360 <b>WG-HCL14</b> Wire Guard for 1' x 4' for HCL 500 / 600

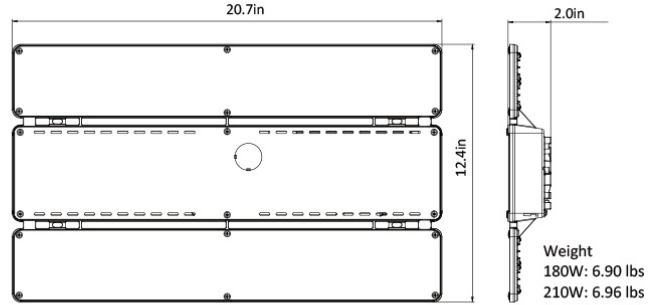
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## DIMENSIONS

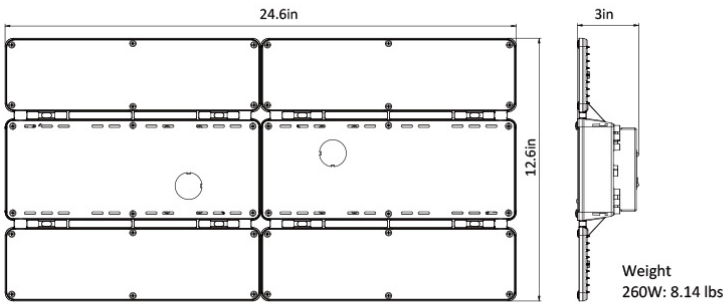
### HCL 120 / 180



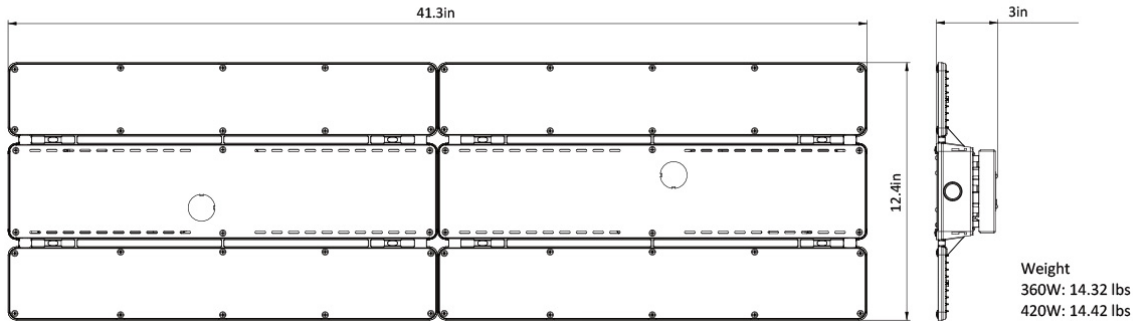
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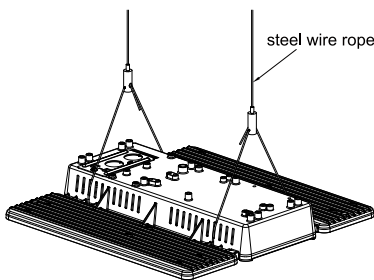
### HCL 360



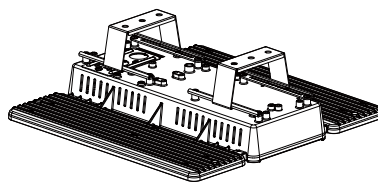
### HCL 500 / 600



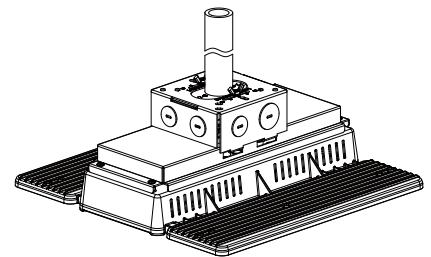
## MOUNTING



Suspended Mounting

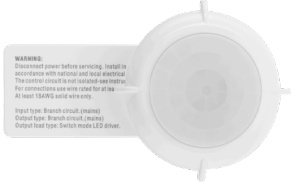


Surface Mounting



Pendant Mounting

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MS-ACI-01



MSB-13-L3/L7  
Lens

**WARNING:**  
Disconnect power before servicing. Install in accordance with national and local electrical codes. The control circuit is not isolated and has the potential for connection with other loads for all life. At least 18 AWG solid wire only.  
Input type: Branch circuit, common.  
Output type: Branch circuit, common.  
Output load type: Switch mode LED driver.

## Specifications

### Input Voltage

AC120-277V

### Frequency

50/60Hz

### Input Current

6A Max @ 120V, 2.5A Max @ 277V

### Input Power

700W Max

### Output Voltage

AC120-277V

### Output Current

6A Max @ 120V, 2.5A Max @ 277V

### Output Power

700W Max

### Sinking Current

10mA Max

### Mounting Height

20-40 ft

### IP Rating

IP66

### Dimming

0-10V DC 10mA Max

### Detection Range

32 - 80 ft

### Operating Temperature

-30°C to 65°C (-22°F to 149°F)

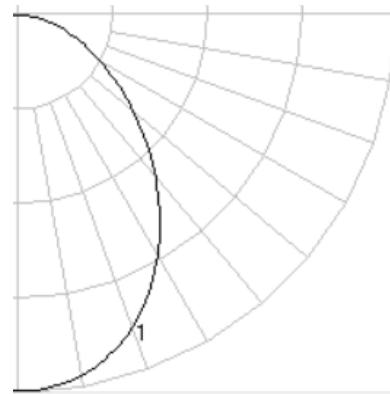
### Warranty

5 Year warranty

## ELECTRICAL LOAD

Wattage	Current (A)					
	120V	208V	240V	277V	347V	480V
90W	0.75	0.43	0.38	0.32	0.26	0.19
130W	1.08	0.63	0.54	0.47	0.37	0.27
180W	1.50	0.87	0.75	0.65	0.52	0.38
260W	2.17	1.25	1.08	0.94	0.75	0.54
360W	3.00	1.74	1.50	1.30	1.04	0.75
420W	3.50	2.02	1.75	1.52	1.21	0.88

## PHOTOMETRIC



Beam Angle: 88°

Spacing Criterion: 1.08

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## PERFORMANCE COMPARISON

Wattage	Voltage	4000K CCT		5000K CCT		Replacement
		Lumen	Efficacy	Lumen	Efficacy	
90W	120-277	12,155	135	12,356	137	175W MH, 4-lamp T8 HBF, 2-lamp T5HO
	347-480	12,325	137	12,483	138	
130W	120-277	18,070	139	18,342	141	250W MH, 6-lamp T8 HBF, 4-lamp T5HO
	347-480	18,152	138	18,409	140	
180W	120-277	24,338	135	n/a	n/a	400W MH, 6-lamp T5HO
	347-480	24,372	136	n/a	n/a	
260W	120-277	36,335	140	36,471	140	750W MH, 8-lamp T5HO
	347-480	36,044	138	36,567	140	
360W	120-277	49,209	135	50,115	137	1000W MH
	347-480	48,882	136	49,025	136	
420W	120-277	59,732	142	60,442	144	1000W MH
	347-480	59,963	143	60,638	145	

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