

| | |
|---------------|-------|
| PROJECT: | _____ |
| CATALOG #: | _____ |
| FIXTURE TYPE: | _____ |
| NOTES: | _____ |

HCL Compact Linear High Bay

HCL 120 / 140 / 180
90W/100W / 130W



HCL 240 / 300
180W / 210W



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.

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 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 |
|---------------------------------------|---|---|------------|--|------------------------------------|--------------------|
| HCL Compact Linear High Bay | 120 12,200 Lumens/90 Watts 140 14,000 Lumens/100 Watts 180 18,200 Lumens/130 Watts 240 24,300 Lumens/180 Watts 300 30,600 Lumens/210 Watts 360 36,400 Lumens/260 Watts 500 49,600 Lumens/360 Watts 600 60,500 Lumens/420 Watts | BLANK Glare Control Acrylic Lens, Medium Beam | G1 | BLANK 120-277V HVU 347-480V | 4K 4000K 5K 5000K | BLANK White |

SENSORS OR WIRELESS CONTROL (Choose 1)

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

PRODUCT OPTIONS

| Emergency Backup | Surge Protector | Cord Sets |
|--|---|--|
| BLANK No Emergency Backup EL UNV-8W-LH-B 8W Emergency Battery Kit, Compatible with HCL 120/140/180/240 - not available with HCL-PMB EL UNV-15W-LH-B 15W Emergency Battery Kit, - not available with HCL-SMB/HCL-PMB/HB-JBW EMA-DH25D-UNV-170 25W Emergency Battery Kit EMA-LH40D-HVU-400 40W Emergency Battery Kit HIGH VOLTAGE (For HVU fixtures only) | BLANK No Surge Protection SPD-277 5KA/10KV Surge Protection device, single phase protection with 120-277V input SPD-480 10KA/20KV Surge Protection device, single phase protection with 277-480V input | BLANK Standard 5 ft Aircraft Cable (1.5 ft Black/White/Green Conductors) CS1 6 ft Power Cord, Straight Cord, 18 Gauge, 3 Conductors, Black CS2 6 ft Power Cord, Twist-lock Plug Type, 3 Conductors, Black CS3 6 ft Power Cord, 12 Gauge, 3 Conductors, MC Solid Cable, No Plug CS4 6 ft Power Cord, 16 Gauge, 3 Conductors, SO Black Cord, No Plug CS5 6 ft Power Cord, 18 Gauge, 5 Conductors, Black Cord, No Plug |

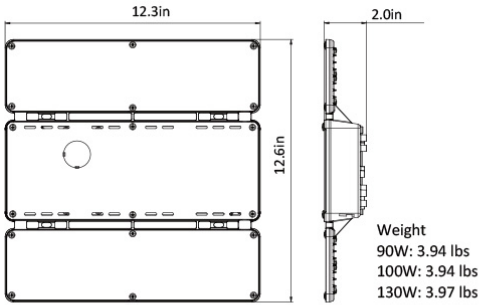
ACCESSORIES (Shipped separately. Requires some field assembly.)

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

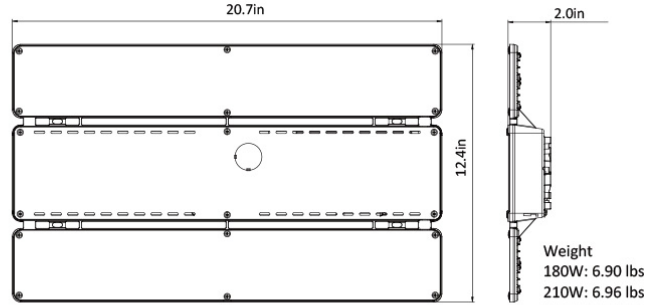
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DIMENSIONS

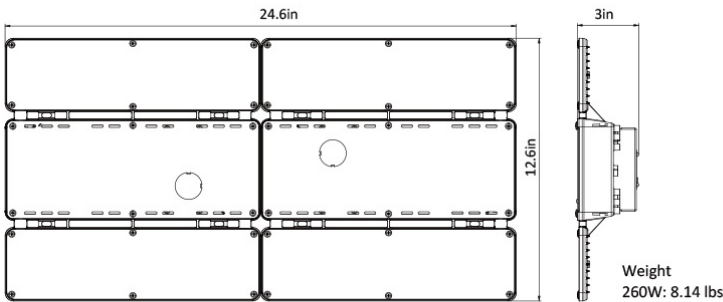
HCL 120 / 140 / 180



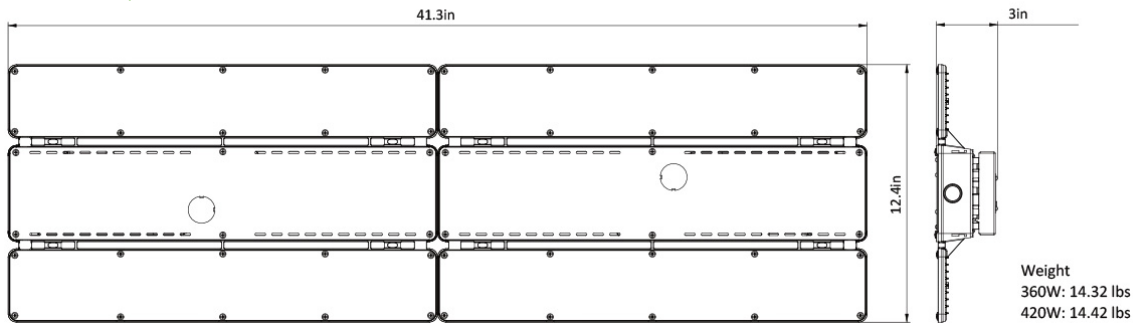
HCL 240 / 300



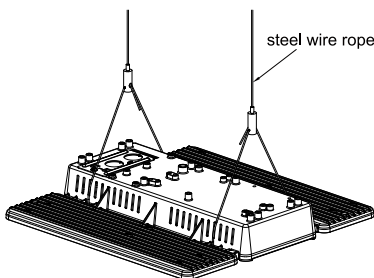
HCL 360



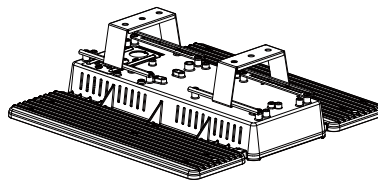
HCL 500 / 600



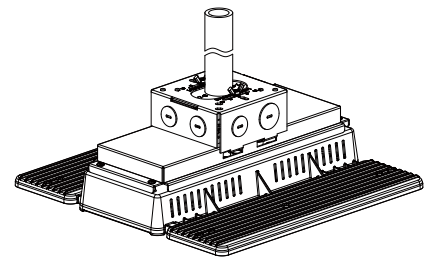
MOUNTING



Suspended Mounting

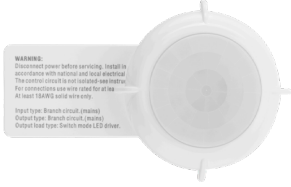


Surface Mounting



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 must be for connections use wire rated for at least 1500V solid wire only.
Input type: Branch circuit, lineless
Output type: Branch circuit, lineless
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)

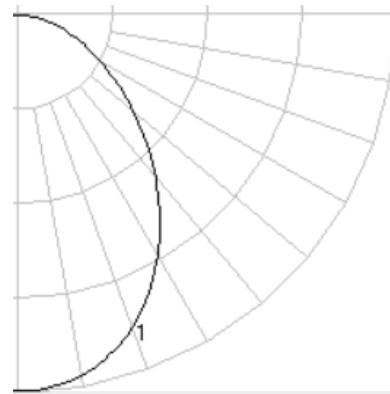
Warranty

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 |
| 100W | 0.83 | 0.48 | 0.42 | 0.36 | 0.29 | 0.21 |
| 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 |
| 210W | 1.75 | 1.01 | 0.88 | 0.76 | 0.61 | 0.44 |
| 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 | |
| 100W | 120-277 | 14,225 | 135 | 14,457 | 137 | 250W MH, 6-lamp T8 HBF, 4-lamp T5HO |
| | 347-480 | 14,113 | 133 | 14,266 | 136 | |
| 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 | 24,574 | 137 | 400W MH, 6-lamp T5HO |
| | 347-480 | 24,372 | 136 | 24,601 | 137 | |
| 210W | 120-277 | 29,870 | 143 | 30,360 | 144 | 750W MH, 8-lamp T5HO |
| | 347-480 | 29,809 | 143 | 30,383 | 144 | |
| 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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