

## 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  |



## LHC SERIES COMPACT LINEAR BAY LIGHT

| 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                           | 347-480V, 1-10V Dimmable |        |       |

## LHC SERIES COMPACT LINEAR BAY LIGHT

### ORDER INFORMATION (CONTINUED)

Accessories  
 Options

#### H ACCESSORIES/OPTIONS

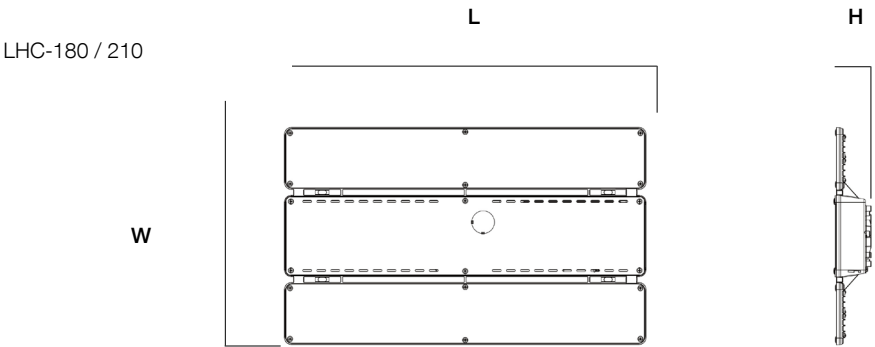
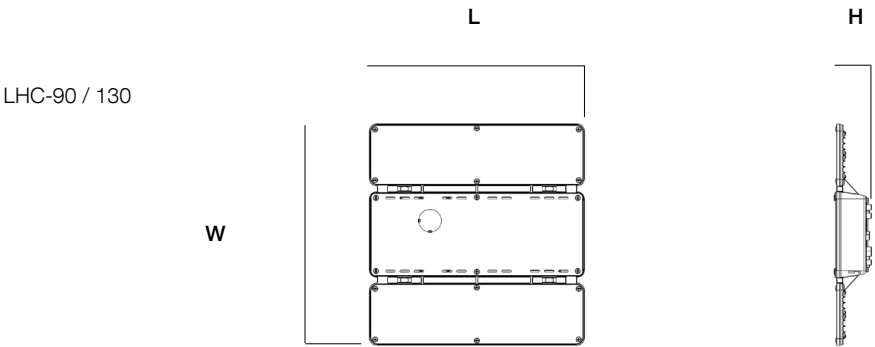
|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| <b>AIA</b>               | Assembled in America, compliant with BAA (COTS)  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

\*see page 6 for sensor and EMB spec

**LHC SERIES COMPACT LINEAR BAY LIGHT**

**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) |



## LHC SERIES COMPACT LINEAR BAY LIGHT

### 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   |

## LHC SERIES COMPACT LINEAR BAY LIGHT

### 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<br>50°F ~ 140°F | Factory<br>or<br>Field Install |

