

# ECWH15Q **ThermaLED** technology

## ThermaLED Hooded Semi-Cutoff Medium Wall Pack



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| Order Information Example:                                       |                   | ECWH15QF1X37U5KCZSP |  |                                      |                                 |   |  |
|--|-------------------|---------------------|--|--------------------------------------|---------------------------------|---|--|
| Model  | Optics            | Wattage             | Driver                                   | CCT                                  | Lens                            | Color   | Options  |
| ECWH15Q  | F                 | 1X37                |  |                                      | C                               |   |  |
| <b>ECWH15Q=</b><br>ThermaLED Hooded Semi-Cutoff Medium Wall Pack | <b>F=</b> Type IV | <b>1X37=</b> 37w    | <b>U=</b> 120-277V<br><b>H=</b> 347-480V | <b>4K=</b> 4000K<br><b>5K=</b> 5000K | <b>C=</b> Clear Flat Glass Lens | <b>Z=</b> Bronze<br><b>C=</b> Custom<br>(Consult Factory) | <b>SF=</b> Single Fuse<br><b>DF=</b> Double Fuse<br><b>SP=</b> Surge Protection<br><b>PC1=</b> Photocell, 120VAC<br><b>PC2=</b> Photocell, 250-305VAC<br><b>BU=</b> Battery Backup, 90 Minutes |



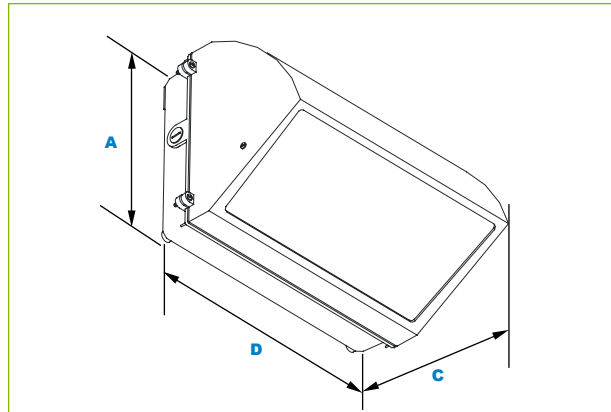
**L70**  
(25°C) **213,000 Hours**

Eco-Revolution's ECWH15Q semi-cutoff wall pack luminaire is designed to replace HID lighting systems from 175w to 250w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings and medical facilities. Mounting heights of 12 to 18 feet can be used based on light level and uniformity requirements.

### Specifications and Features:

|                               |   |
|-------------------------------|---|
| <b>Housing:</b>               | Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1/2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.  |
| <b>Listing &amp; Ratings:</b> | CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP55 Sealed LED Compartment.  |
| <b>Finish:</b>                | Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.   |
| <b>Lens:</b>                  | Tempered Clear Flat Glass Lens.   |
| <b>Mounting Options:</b>      | Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1/2" Surface Conduit.  |
| <b>ThermaLED LED:</b>         | Aluminum Boards   |
| <b>Wattage:</b>               | Array: 37.2w, System: 43.6w (250w HID Equivalent)   |
| <b>Driver:</b>                | Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps. |
| <b>Warranty:</b>              | 5-Year Warranty for -40°C to +40°C Environment.   |

See Page 2 for Projected Lumen Maintenance Table.



#### Dimensions

|                   |                 |
|-------------------|-----------------|
| <b>Width (D)</b>  | 14 1/4" (362mm) |
| <b>Depth (C)</b>  | 9" (229mm)      |
| <b>Height (A)</b> | 9" (229mm)      |

#### Certification & Listings:



#### Project Information:

Project Name: \_\_\_\_\_ Fixture Type: \_\_\_\_\_

Complete Catalog #: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_

**5 LOCATIONS**  
Tampa, FL  
Vancouver, WA  
Cerritos, CA  
Walden, NY  
Memphis, TN

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### Accessories & Replacement Parts:



ECPC1 & ECPC2

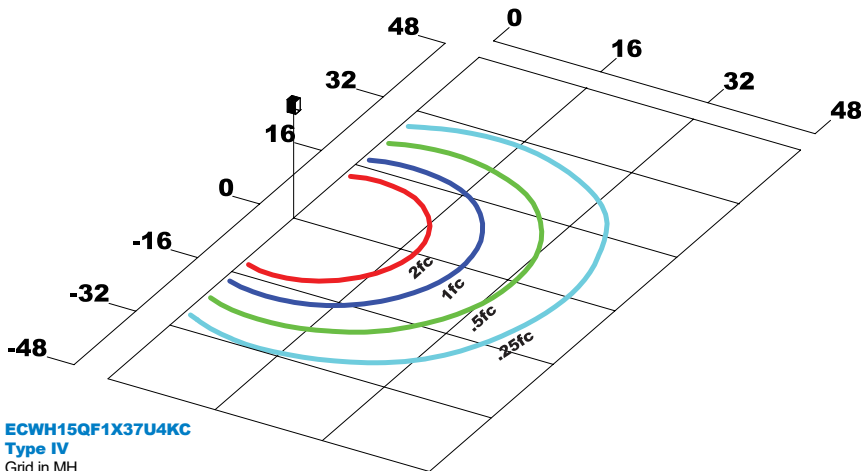


EC3EBL1202774500

#### Replacement Parts (Order separately, Field installed)

|                  |  |
|------------------|--|
| ECPC1            | 120VAC, Photocell                                    |
| ECPC2            | 250-305VAC, Photocell                                |
| EC3EBL1202774500 | Battery Backup, Provides 90 Minutes of Backup Power. |

### Photometric Data



ECWH15QF1X37U4KC  
Type IV  
Grid in MH  
MH=16 Feet

### Photometric Performance

| LED Board Watts      | Drive Current (mA) | Input Watts | Optics  | 5000 CCT 80 CRI |     |   |   | 4000 CCT 80 CRI |        |     |   |   |   |
|----------------------|--------------------|-------------|---------|-----------------|-----|---|---|-----------------|--------|-----|---|---|---|
|                      |                    |             |         | Lumens          | LPW | B | U | G               | Lumens | LPW | B | U | G |
| <b>ThermaLED 37w</b> | 525                | 44          | Type IV | 4,961           | 113 | 1 | 3 | 3               | 4,736  | 108 | 1 | 3 | 3 |

### Projected Lumen Maintenance

| Data shown for 4000 CCT                     |             | Compare to MH |            |            |             |                      |  |
|---|-------------|---------------|------------|------------|-------------|----------------------|--|
| TM-21-11                                    | Input Watts | Initial       | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 25°C |  |
| <b>L70 Lumen Maintenance @ 25°C / 77°F</b>  | 44          | 1.00          | 0.96       | 0.93       | 0.86        | 213,000              |  |
| TM-21-11                                    | Input Watts | Initial       | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 50°C |  |
| <b>L70 Lumen Maintenance @ 50°C / 122°F</b> | 44          | 1.00          | 0.93       | 0.87       | 0.73        | 113,000              |  |
| TM-21-11                                    | Input Watts | Initial       | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L80@ 40°C |  |
| <b>L80 Lumen Maintenance @ 40°C / 104°F</b> | 44          | 1.00          | 0.95       | 0.89       | 0.78        | 91,000               |  |

**NOTES:**

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 525mA base model in a 25°C ambient, based on 10,000 hours of LED testing per IESNA LM-80-08.
2. Compare to MH box indicates suggested Light Loss Factor (LLF) to be used when comparing to Metal Halide (MH) systems.