LEDALUX®

# WPC12Q - Constellation Small Full Cutoff Wall Pack

EZ SPEC

L70 25°C 196,000 Hours

BUY AMERICAN ACT COMPLIANT

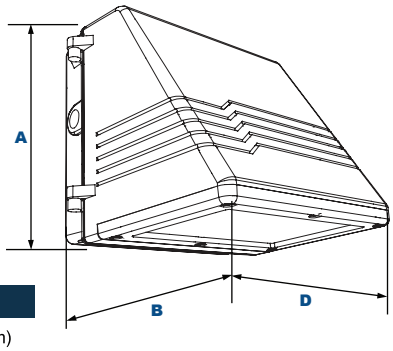
CATALOG NUMBER:

NOTES:

FIXTURE TYPE:

PROJECT:

## DIMENSIONS




| Dimensions | |
|---|---|
| **Width (D)** | 8¾″ (222mm) |
| **Length (B)** | 9½″ (241mm) |
| **Height (A)** | 8⅝″ (219mm) |

## PRODUCT DESCRIPTION

The WPC12Q cutoff wall pack luminaire is available with a choice of optical distributions designed to replace HID lighting systems up to 175w 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 8 to 15 feet can be used based on light level and uniformity requirements.

## FEATURES

**Housing:**
Die Cast Hinged and Gasketed Aluminum Front Frame and Housing with 1⁄2" Coin Plugs. Nickel-Plated Stainless Steel Hardware. Photocell Adaptable.

**Listing & Ratings:**
CSA: Listed for Wet Locations, ANSI/UL 1598, 8750; IP65 Sealed LED Compartment.

**Finish:**
Textured Architectural Bronze Powdercoat Finish Over a Chromate Conversion Coating. Custom Colors Available Upon Request.

**Lens:**
Tempered Clear Flat Glass Lens

**Mounting Options:**
Cast-in Template for Mounting Directly Over a 4" Recessed Outlet Box, or Use 1⁄2 Surface Conduit.

**LED:**
Aluminum Boards

**Wattage:**
Array: 15w, System: 15.8w; (150w HID Equivalent)
Array: 21.7w, System: 23.7w; (175w HID Equivalent)

**Driver:**
Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 2kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

**Controls:**
Fixtures Ordered with Factory-Installed Photocell or Motion Sensor Controls are Internally Wired for Switching and/or 1-10V Dimming Within the Housing. Remote Direct Wired Interface of 1-10V Dimming is Not Implied and May Not Be Available, Please Consult Factory. Fixtures are Tested with LEPG Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

**Warranty:**
5-Year Warranty for -40°C to +40°C Environment.
See Page 3 for Projected Lumen Maintenance Table.

## ORDERING INFORMATION

**EXAMPLE: WPC12QC1X22U5KCZSP**

| Series | Optics | Wattage | Driver | CCT | Lens | Color | Options |
|---|---|---|---|---|---|---|---|
| WPC12Q =EasyLED Constellation Small Full Cutoff Wall Pack | C=Type III<br>F=Type V | 1X15 =15w<br>1X22 =22w | U=120-277V<br>H=347-480V | 4K =4000K<br>5K =5000K | C=Clear Flat Glass Lens | Z=Bronze<br>C=Custom (Consult Factory) | SF =Single Fuse*<br>DF =Double Fuse*<br>SP =Surge Protection<br>PC3 =Photocell, 120-277VAC<br>P10 =Pencil Photocell, 120VAC<br>P12 =Pencil Photocell, 208-277VAC<br>P14 =Pencil Photocell, 120-277VAC<br>P20 =Swivel Photocell, 120VAC<br>P22 =Swivel Photocell, 208-277VAC<br>BU =Battery Backup, 90 Minutes*<br>BUC =Cold Start Battery Backup, -20°C, 90 Minutes*<br>*120-277V Models Only. |

## ACCESSORIES & REPLACEMENT PARTS

| Replacement Parts (Order Separately, Field Installed) | |
|---|---|
| WPC12GLC | Tempered Clear Flat Glass Lens. |
| P18103 | 120-277VAC Photocell |
| P18110 | 110-130V, 120VAC Pencil Photocell |
| P18112 | 208-277V, 240VAC Pencil Photocell |
| P18114 | 120-277V, 50/60Hz Pencil Photocell |
| P18120 | 110-130V, 120VAC Swivel Photocell |
| P18122 | 208-277V, 240VAC Swivel Photocell |
| For Replacement Battery Backup, see the LEPG LED Battery Backup Specification Sheet. | |

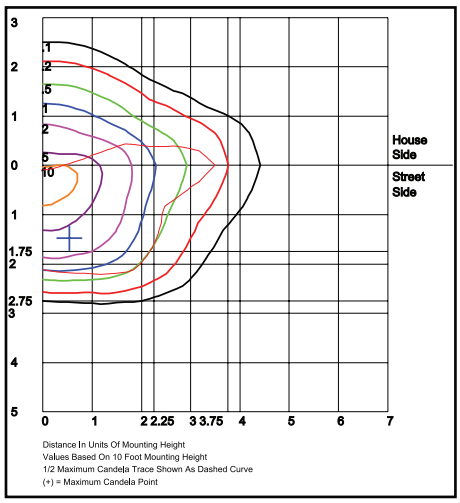
**P18103**

**P18110 & P18112**

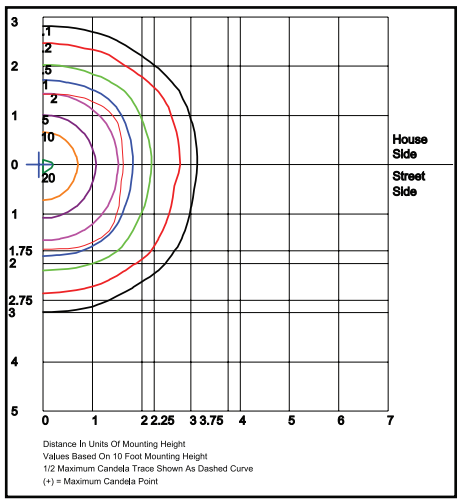
**P18114**

**P18120 & P18122**

## PHOTOMETRIC DATA




**WPC12QC1X22U5KC**
**Type III**
Grid in MH
MH=10 Feet




**WPC12QF1X22U5KC**
**Type V**
Grid in MH
MH=10 Feet

## PHOTOMETRIC PERFORMANCE

| | Wattage (Catalog Logic) | 15W (1X15) | 22W (1X22) |
|---|---|---|---|
| | Input Watts | 15.8W | 23.7W |
| Optic | CCT | Delivered Lumens | |
| C = Type III | 4000K | 1,386 | 2,079 |
| | 5000K | 1,444 | 2,166 |
| | BUG Rating | B0-U1-G0 | B1-U2-G1 |
| F = Type V | 4000K | 1,556 | 2,334 |
| | 5000K | 1,621 | 2,432 |
| | BUG Rating | B1-U2-G0 | B1-U2-G0 |

## PROJECTED LUMEN MAINTENANCE

| Data shown for 5000 CCT | | | Compare to MH | | | |
|---|---|---|---|---|---|---|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated LED Life |
| L70 Lumen Maintenance @ 25°C / 77°F | All wattages up to and including 24w | 1.00 | 0.96 | 0.92 | 0.85 | 196,000 |
| L70 Lumen Maintenance @ 50°C / 122°F | | 1.00 | 0.93 | 0.86 | 0.73 | 110,000 |
| L80 Lumen Maintenance @ 40°C / 104°F | | 1.00 | 0.94 | 0.88 | 0.76 | 84,000 |

**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.