

WP8Q DuraLED Polycarbonate Entry Light - Square



| | |
|----------------------------|---------------------|
| Project Information | |
| Project Name: _____ | Fixture Type: _____ |
| Complete Catalog #: _____ | Date: _____ |
| Comments: _____ | |

The DuraGuard WP8Q general purpose wall pack luminaire provides optically controlled wide spread light distribution designed to replace HID lighting systems up to 70w MH or HPS. Typical wall mounted lighting applications include retail centers, industrial parks, schools and universities, public transit and airports, office buildings, apartment complexes and medical facilities. Mounting heights of 8 to 12 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING:

Stamped Galvanized Back Plate with White Powdercoat Finish. Molded UV-Stabilized Polycarbonate Front Housing. 120V Photocell Included. Fixture is for wired 120V Standard.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 IP65 Sealed LED Compartment. ADA Compliant

FINISH:

UV-Stabilized Polycarbonate Front Housing in Bronze with White Powdercoat Finish Back Plate.

LENS:

Standard Clear UV-Stabilized Polycarbonate Prismatic Lens

MOUNTING OPTIONS:

Mount Directly Over a 4" Recessed Outlet

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 9.4w, System: 10.3w (70w HID Equivalent)

DRIVER:

Electronic Driver, 120-277V, 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.

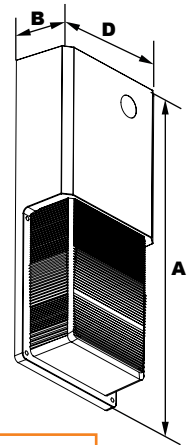
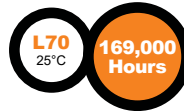
CONTROLS:

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 DuraGuard 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 2 for Projected Lumen Maintenance Table.



Dimensions

| | |
|-------------------|--|
| Width (D) | 5 ⁵ / ₁₆ " (135mm) |
| Length (B) | 2 ¹ / ₂ " (64mm) |
| Height (A) | 12 ¹ / ₄ " (311mm) |

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: WP8QF1X9U5KZSF

WP8Q DuraLED Polycarbonate Entry Light - Square

| WP8Q | F | 1X9 | U | 5K | Z | |
|---|-----------|---------|------------|----------|----------|--|
| Model | Optics | Wattage | Driver | CCT | Color | Options |
| WP8Q=DuraLED Polycarbonate Entry Light-Square | F=Type IV | 1X9=9w | U=120-277V | 5K=5000K | Z=Bronze | SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only) |



Specifications subject to change without notice.

WP8Q DuraLED Polycarbonate Entry Light - Square



PHOTOMETRIC PERFORMANCE

| LED Board Watts | Drive Current (mA) | Input Watts | Optics | 5000 CCT 80 CRI | | | | |
|-----------------|--------------------|-------------|---------|-----------------|-----|---|---|---|
| | | | | Lumens | LPW | B | U | G |
| DuraLED 9w | 116 | 10 | Type IV | 780 | 78 | 0 | 3 | 1 |

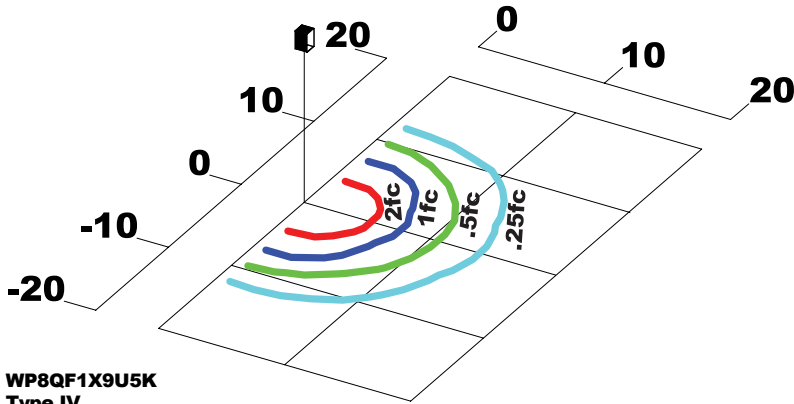
PROJECTED LUMEN MAINTENANCE

| Data shown for 5000 CCT | | | Compare to MH | | | |
|---|-------------|---------|---------------|------------|-------------|----------------------|
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 25°C |
| L70 Lumen Maintenance @ 25°C / 77°F | 10 | 1.00 | 0.96 | 0.91 | 0.82 | 169,000 |
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L70@ 50°C |
| L70 Lumen Maintenance @ 50°C / 122°F | 10 | 1.00 | 0.92 | 0.85 | 0.69 | 98,000 |
| TM-21-11 | Input Watts | Initial | 25,000 Hrs | 50,000 Hrs | 100,000 Hrs | Calculated L80@ 40°C |
| L80 Lumen Maintenance @ 40°C / 104°F | 10 | 1.00 | 0.93 | 0.87 | 0.73 | 75,000 |

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 116mA 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.

PHOTOMETRIC DATA



WP8QF1X9U5K
Type IV
 Grid in MH
 MH=10 Feet