WP9Q DuraLED Polycarbonate Entry Light - Round

DuraGuard
PRODUCTS INC.®
A QSSI Company

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BUY AMERICAN ACT COMPLIANT

Project Information

Project Name: _____

Complete Catalog #: _____

Comments: _____

Fixture Type: _____

Date: _____

The DuraGuard WP9Q 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.

L70 25°C

187,000 Hours

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 Box. Threaded Stem and Nut Included.

DuraLED LED:
Aluminum Boards

Wattage:
Array: 7.3w; System: 9.2w
(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.
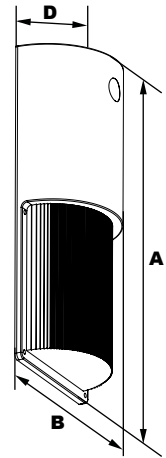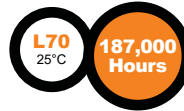
Dimensions

Width (D)	5⁵⁄₁₆˝ (135mm)
Length (B)	2¹³⁄₁₆˝ (72mm)
Height (A)	12¼˝ (311mm)

DuraLED Technology

Complete Units
Ordering Information
Example: WP9QF1X7U5KZSF

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WP9Q	F	1X7	U	5K	Z	
Model	**Optics**	**Wattage**	**Driver**	**CCT**	**Color**	**Options**
WP9Q=DuraLED Polycarbonate Entry Light-Round	F=Type IV	1X7=7w	U=120-277V	5K=5000K	Z=Bronze	SF=Single Fuse (120-277V Only) DF=Double Fuse (120-277V Only)

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PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	5000 CCT 80 CRI				
				Lumens	LPW	B	U	G
DuraLED 7w	116	9	Type IV	679	75	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	9	1.00	0.96	0.92	0.84	187,000

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	9	1.00	0.93	0.86	0.72	109,000

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	9	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 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
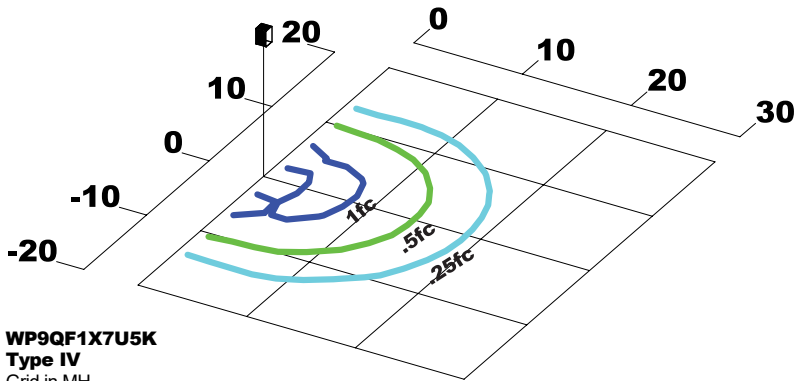
WP9QF1X7U5K
Type IV
Grid in MH
MH=10 Feet