

# HMWP-DOQ DuraLED Halfmoon Downlight



<b>Project Information</b>	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

The DuraGuard HMWP-DOQ cut-off architectural wall luminaire is available with IES Type III distribution designed to replace HID lighting systems from 150w to 250 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 20 feet can be used based on light level and uniformity requirements.

**SPECIFICATIONS AND FEATURES:**

**HOUSING:**

Die Cast Aluminum Housing with Full Cutoff Front Frame. Nickel-Plated Stainless Steel Hardware.

**LISTING & RATINGS:**

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

**FINISH:**

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

**LENS:**

Tempered Clear Flat Glass Lens

**MOUNTING OPTIONS:**

Mount Directly Over a 4" Recessed Outlet Box, Includes Easy-Hang "Two Hands Free" Wall Mounting Bracket with Built-In Level.

**DURALED LED:**

Aluminum Boards

**WATTAGE:**

Array: 46.5w, System: 52w (250w 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 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

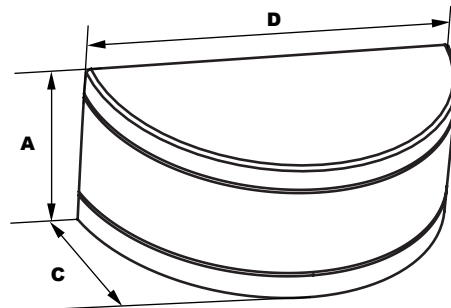
**CONTROLS:**

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**

<b>Width (D)</b>	18" (458mm)
<b>Length (B)</b>	7 1/8" (181mm)
<b>Height (A)</b>	9 1/8" (232mm)

**DuraLED TECHNOLOGY**

Complete Units  
Ordering Information  
Example: HMWP-DOQC1X47U5KCZSP

## HMWP-DOQ DuraLED Halfmoon Downlight

HMWP-DOQ	C	1X47			C		
Model	Optics	Wattage	Driver	CCT	Lens	Color	Options
HMWP-DOQ= DuraLED Halfmoon Downlight	C=Type III	1X47=47w	U=120-277V H=347-480V	4K=4000K 5K=5000K	C=Clear Flat Glass Lens	Z=Bronze C=Custom (Consult Factory)	SF=Single Fuse DF=Double Fuse SP=Surge Protection PC1=Photocell, 120VAC PC3=Photocell, 120-277VAC BU=Battery Backup, 90 Minutes



Specifications subject to change without notice.

# HMWP-DOQ DuraLED Halfmoon Downlight



**P18100 &  
P18103**

Replacement Parts (Order Separately, Field Installed)	
WP35GL	Tempered Clear Flat Glass Lens
P18100	120VAC Photocell
P18103	120-277VAC Photocell
For Replacement Battery Backup, see the DuraGuard LED Battery Backup Specification Sheet.	

## 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
DuraLED 47w	525	52	Type III	4,921	95	1 1 1	4,503	87	1 1 1

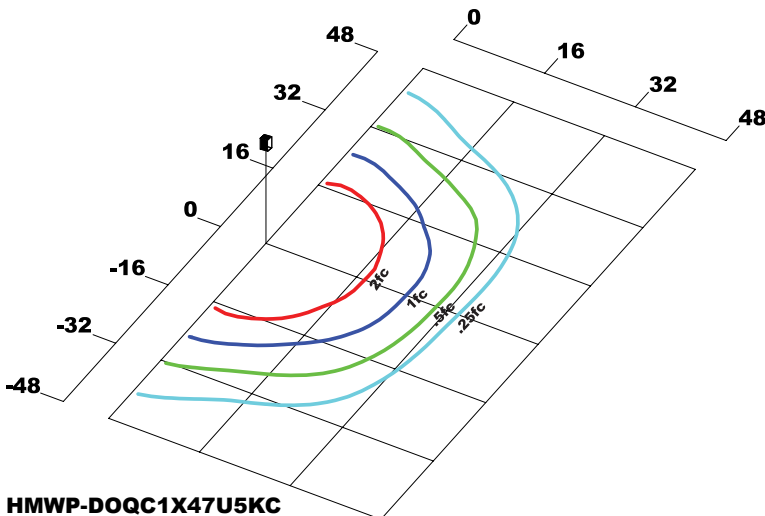
## PROJECTED LUMEN MAINTENANCE

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
<b>L70 Lumen Maintenance @ 25°C / 77°F</b>	52	1.00	0.98	0.96	0.91	347,000
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>	52	1.00	0.96	0.91	0.82	168,000
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>	52	1.00	0.97	0.94	0.88	160,000

**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.

## PHOTOMETRIC DATA



**HMWP-DOQC1X47U5KC**

**Type III**  
Grid in MH  
MH=16 Feet