

HMWP-DOQ DuraLED Halfmoon Downlight

Project Information	
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 IP55 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:

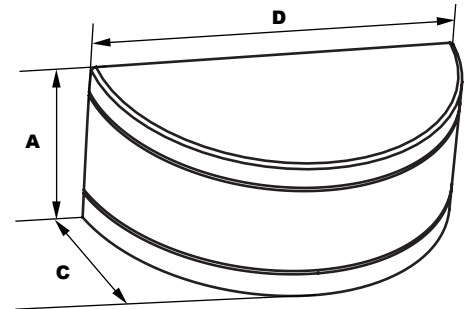
Electronic Driver, 120-277V, 50/60Hz or 347-480V, 50/60Hz; Less Than 20% THD and PF>0.90. Standard Internal Surge Protection 6kV. 0-10V Dimming Standard for a Dimming Range of 100% to 10%; Dimming Source Current is 150 Microamps.

WARRANTY:

5-Year Warranty for -40°C to +40°C Environment.

LM-79 Report Available on Select Models.

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

Width (D)	18" (458mm)
Length (B)	7 1/8" (181mm)
Height (A)	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 PC2=Photocell, 250-305VAC BU=Battery Backup, 90 Minutes



Specifications subject to change without notice.

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PC1 & PC2 3EBL1202774500

Replacement Parts (Order separately, Field installed)	
WP35GL	Tempered Clear Flat Glass Lens
PC1	120VAC, Photocell
PC2	250-305VAC, Photocell
3EBL1202774500	Battery Backup, Provides 90 Minutes of Backup Power.

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

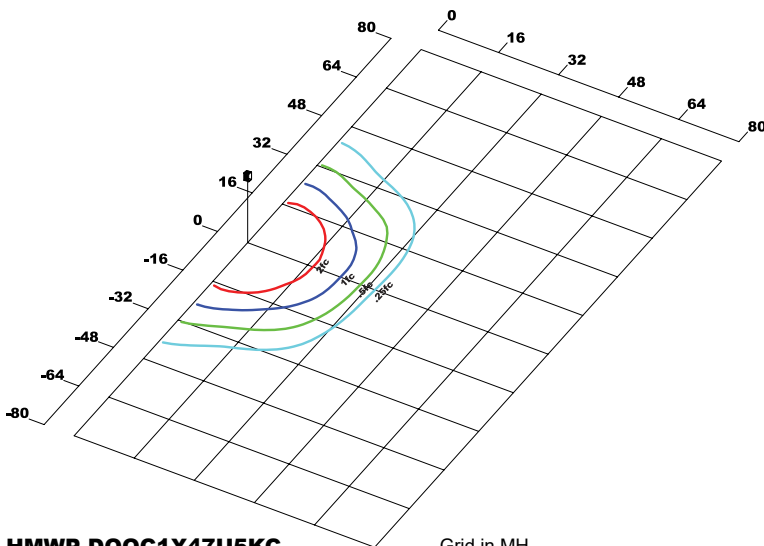
PROJECTED LUMEN MAINTENANCE

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	
L70 Lumen Maintenance @ 25°C / 77°F	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	
L70 Lumen Maintenance @ 50°C / 122°F	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	
L80 Lumen Maintenance @ 40°C / 104°F	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