

AG2 DuraLED AquaGuard



Project Information	
Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	



The DuraGuard AG2 AquaGuard suspension mount luminaire is available with a clear micro prism extruded polycarbonate lens designed to replace linear T5HO and T8 lighting tube style systems. Wet location, wash down IP66-rated enclosure with stainless steel hardware is ideal for harsh environments with regular moisture or wash down requirements including car washes, indoor pools, and industrial applications. Mounting heights of 8 to 18 feet can be used based on light level and uniformity requirements.

SPECIFICATIONS AND FEATURES:

HOUSING/LENS:

Extruded Clear Acrylic Housing with Prismatic Lens Area, White Polycarbonate Gasketed End Caps, Suitable for Wash-Down Applications. Includes Liquid-Tight Strain Relief and 4' 16/32 STW Black Cordset with Stripped Ends.

LISTING & RATINGS:

CSA: Listed for Wet Locations, ANSI/UL 1598, 8750 Wash-Down Cleaning
IP66 Sealed LED Compartment.

INTERNAL COMPONENTS:

White Powdercoat Reflector/Driver Bracket Assembly

MOUNTING OPTIONS:

Suspension Mount with Included Stainless Steel Ceiling Brackets and Stainless Steel Chains, 12ga, 9 1/2" Long.

DURALED LED:

Aluminum Boards

WATTAGE:

Array: 47w, System: 52w

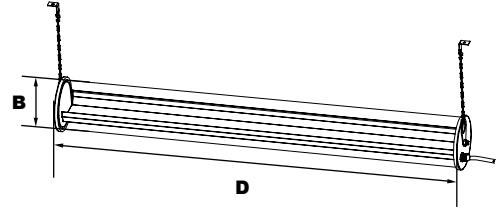
DRIVER:

Electronic Driver, 120-277V, 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.

See Page 2 for Projected Lumen Maintenance Table.



Dimensions

Diameter (D)	6 5/8" (169mm)
Length (B)	48 1/4" (1,227mm)

DuraLED TECHNOLOGY

Complete Units
Ordering Information
Example: AG24QF1X47U5KWSF

AG2 DuraLED AquaGuard

AG2	4QF1X47	U	5K	W	
Model	Length/Optic/Wattage	Driver	CCT	Color	Options
AG2=DuraLED AquaGuard	4QF1X47=4 Feet, 47w	U=120-277V	5K=5000K	W=White	SF=Single Fuse DF=Double Fuse SP=Surge Protection



Specifications subject to change without notice.

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PHOTOMETRIC PERFORMANCE

LED Board Watts	Drive Current (mA)	Input Watts	Optics	Spacing Criteria	5000 CCT 80 CRI	
					Lumens	LPW
DuraLED 47w	116	55	F (110°)	1.34	6,888	125

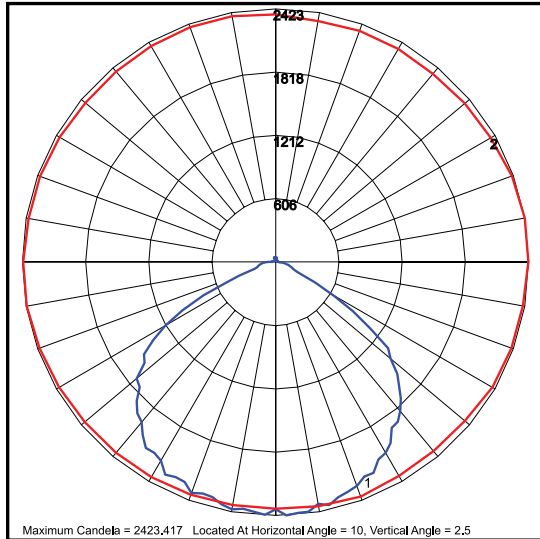
PROJECTED LUMEN MAINTENANCE

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	55	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	55	1.00	0.94	0.87	0.75	118,000
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	55	1.00	0.95	0.89	0.78	92,000

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



AG24QF1X47U5K