

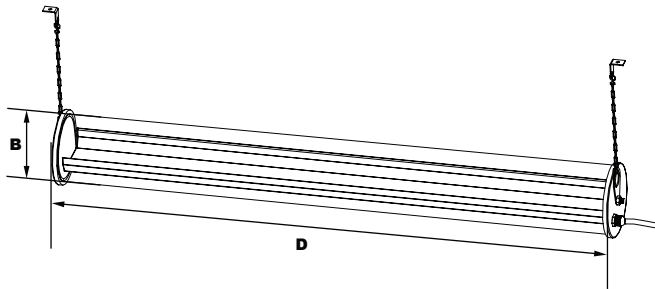
L70

25°C

187,000 Hours



## DIMENSIONS



### Dimensions

|                     |                |
|---------------------|----------------|
| <b>Diameter (D)</b> | 6¾" (169mm)    |
| <b>Length (B)</b>   | 48¼" (1,227mm) |

## PRODUCT DESCRIPTION

The AG2Q AquaGuard suspension mount luminaire is available with a clear micro prism extruded UV-stabilized 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.

## FEATURES

### Housing/Lens:

Extruded Clear Acrylic Housing with Prismatic Lens Area, White UV-Stabilized Polycarbonate Gasketed End Caps, Suitable for Wash-Down Applications. Includes Liquid-Tight Strain Relief and 4' 16/3 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, 9½" Long.

### 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. IP67

### Warranty:

5-Year Warranty for -40°C to +40°C Environment.  
See Page 2 for Projected Lumen Maintenance Table.

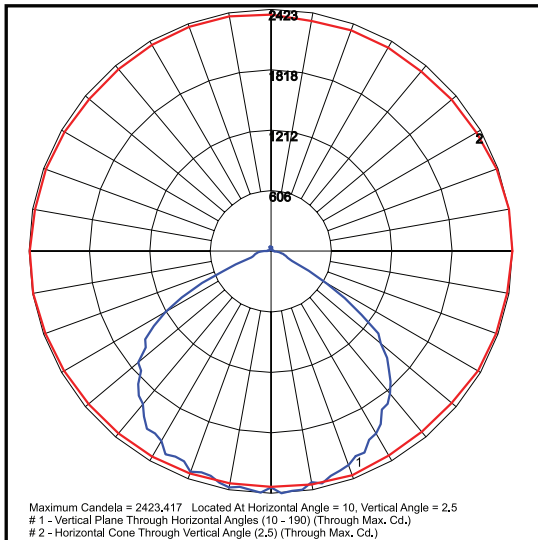
## ORDERING INFORMATION



EXAMPLE: AG24QF1X47U5KWSF

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

## PHOTOMETRIC DATA



AG24QF1X47U5K

## PHOTOMETRIC PERFORMANCE

| LED Board Watts | Drive Current (mA) | Input Watts | Optics   | Spacing Criteria | 5000 CCT 80 CRI |     |
|-----------------|--------------------|-------------|----------|------------------|-----------------|-----|
|                 |                    |             |          |                  | Lumens          | LPW |
| EasyLED 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.