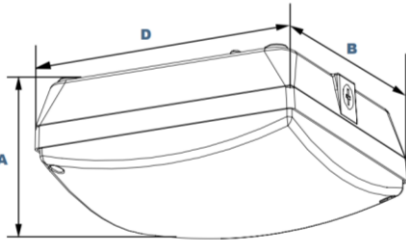


Square D Shallow Bulkhead (Small & Large)



SMALL
AQVN34EQ

Dimensions	
Width (D)	229mm
Length (B)	229mm
Height (A)	102mm



Specifications and Features:

Housing:

Die cast aluminium housing, 20mm coin plugs with O-rings for conduit & photocell on three sides & back, nickel-plated stainless steel hardware.

Listing & Ratings:

CE: Listed for wet locations, ANSI/UL 1598, 8750; IP66 sealed LED compartment.

Finish:

Bronze powdercoat finish over a chromate conversion coating. Custom colours available upon request.

Lens:

SoftLED Low Profile LumaLens opal polycarbonate vandal-resistant lens

Mounting Options:

Included Easy-Hang Bracket mounts over a BESA or 100mm back box, allowing one-person installation or use with 20mm surface mount conduit.

EasyLED LED:

Aluminium boards

Wattage:

AQVN34EQ - 23w array model: 27w (Up to 100w HID equivalent)

AQVN44EQ - 45w array model: 53.7w (Up to 175w HID equivalent)

Driver:

Electronic driver, 120-277V, 50/60Hz; Less than 20% THD and PF>0.90. standard internal surge protection is 6kV. 0-10V dimming standard for a dimming range of 100% to 10%; dimming source current is 150 microamps.

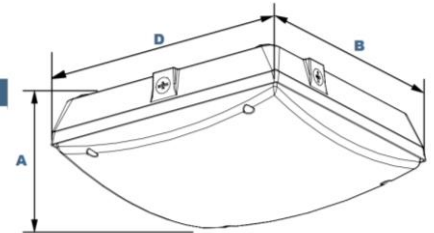
Controls:

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 our own controls and may not function properly with controls supplied by others. Fixtures are NOT designed for use with line voltage dimmers.



LARGE
AQVN44EQ

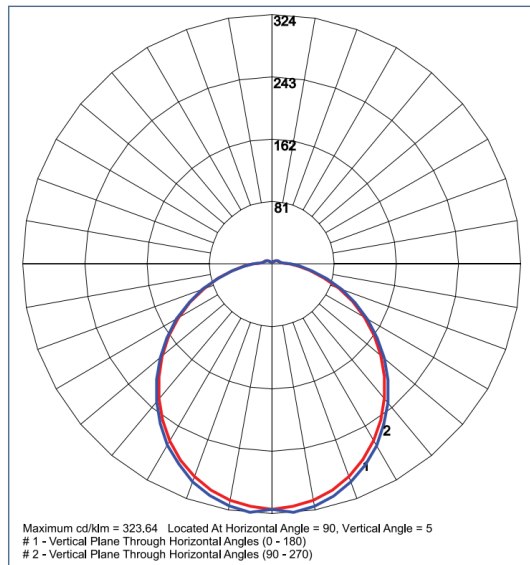
Dimensions	
Width (D)	315mm
Length (B)	315mm
Height (A)	106mm



Certification & Listings:



Photometric Data



Photometric Performance

Variant	Drive Current (mA)	Wattage	Optics	4000 CCT 80 CRI	
				Lumen Output	Lm/cW
AQVN34EQ (SMALL)	117	27	Type VS	2,774	103

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	27	1.00	0.96	0.91	0.82	169,000
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	27	1.00	0.92	0.85	0.69	98,000
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	27	1.00	0.93	0.87	0.73	75,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 117mA 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.

Square D Shallow Bulkhead (Small & Large)



Photometric Performance

Variant	Drive Current (mA)	Wattage	Optics	4000 CCT 80 CRI	
				Lumen Output	Llm/cW
AQVN44EQ (LARGE)	117	54	Type VS	5,496	102

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	54	1.00	0.95	0.90	0.80	147,000
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	54	1.00	0.89	0.78	0.55	67,000
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	54	1.00	0.92	0.85	0.70	66,000

NOTES:

1. Projected per IESNA TM-21-11. Data references the extrapolated performance projections for the 117mA 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.