



ZUMABOLLARDS

DESIGNING SAFETY AND SECURITY



MODEL

AVALON BOLLARDS

TYPE

LED

SERIES

BOLLARDS

ZUMA LIGHTING LLC

325 N LARCHMONT BLVD STE 406, LOS ANGELES, CA 90004

INFO@ZUMALIGHTING.COM • [\(310\) 975-3126](tel:(310)975-3126) • ZUMALIGHTING.COM

ORDERING INFORMATION

Model AVALON
Type LED
Series BOLLARDS



AVB-RD



AVB-RF



AVB-SF

FIXTURE	HEIGHT	SOURCE	VOLTS	CCT	Optics	LENS	COLOR	OPTIONS
AVB-SF = Square Flat Bollard	42 = 42" 36 = 36"	10W 15W	U = 120v- 277v	3K = 3000K 4K = 4000K 5K = 5000K	T1 = Type I T3 = Type III* F = Wide Beam Spread <i>*Not available w/ louvers</i>	GL = Glass Lens OL = Opal Array Lens CR = LED Cone Reflector LL = Louvers	DB = Dark Bronze BK = Black CC = Custom SS = Stainless Steel* <i>*AVB-RD model only</i>	SF = Single Fuse DF = Double Fuse SP = Surge Protection GF1 = GFCI Outlet, 15A, 120V GSB = 180° Glare Shield, Black GSZ = 180° Glare Shield, Bronze GSC = 180° Glare Shield, Custom Color BU = Battery Backup, 90 min. S3 = Microwave Sensor w/ Dimming & Remote* <i>*120-277v only</i>
AVB-RF = Round Flat Bollard	30 = 30"	22W	C = 347v*					
AVB-RD = Round Dome Bollard								

SPECIFICATIONS

Zuma Lighting's Avalon Bollards with a variety of design and optic choices are manufactured to replace HID lighting systems up to 70w MH or HPS. These fixtures are ideal for retail centers, industrial parks, schools and universities, airports, office buildings and medical facilities.

Housing

Extruded aluminum housing with flush mounting base & vandal-resistant screws. Available with either flat or domed top. Internal ballast tray for easy maintenance.

Round domed style available with formed 316L stainless steel housing.

Style

Clear prismatic borosilicate glass refractor, specially designed aluminum cone reflector or internal louvers.

Lens

UV-stabilized polycarbonate vandal-resistant lens. Available clear or opal.

Mounting Options

Mounting kit with 8" anchor bolts, included.

Wattage

Array: 10w, System: 11.3w; (70w HID equivalent)

Array: 14.5w, System: 17w; (70w HID equivalent)

Array: 22w, System: 23.8w; (70w HID equivalent)

Driver

Electronic Driver, 120-277v, 50/60Hz or 347V, 50/60Hz, less than 20% THD and PF>0.90. Standard internal surge protection 2kV. 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.

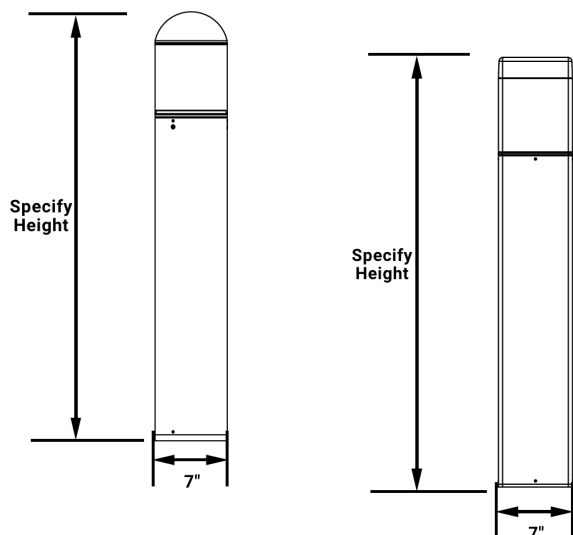
Controls

Fixtures Ordered with Factory-Installed 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 LEPC Controls and May Not Function Properly With Controls Supplied By Others. Fixtures are NOT Designed for Use with Line Voltage Dimmers.

Dimensions



Lens Options



Glass Lens
(GL)



Opal Array
Lens (OL)



Louvers
(LL)



LED Cone
Reflector (CR)