PROJECT NAME:

FIXTURE TYPE:

SOLID STATE BOLLARDS

BSAC12 SERIES-LED

SPECIFICATIONS

CONCRETE RISER
Natural precast concrete body with light sandblast finish. A graffiti resistant sealer is applied to the surface. Internal electro-zinc plated steel cage provides additional strength for the structure and has threaded inserts welded to it for mounting the base plate and optical assembly. Base plate is ¼"galvanized steel.

TOP CAP
Durable, corrosion resistant cast aluminum (A356 alloy; <0.2% copper) construction.

LED POWER ARRAY™
Three-dimensional array consisting of (6) or (8) individual LED Tubes fastened to a retaining plate. Each LED Tube consists of circuit board populated with a multiple of LED's and is mechanically fastened to a radial aluminum heat sink. An acrylic lens and end cap protects the LED Tube's internal components.

CAST LOUVER (CL) - External louver stack consisting of individual cast aluminum (A356 alloy; <0.2% copper) louver vanes which index together and are mechanically bonded to form a unified assembly. The louver stack is fastened to the concrete riser via threaded inserts. An internal clear acrylic lens is integrated with the LED Power Array module.

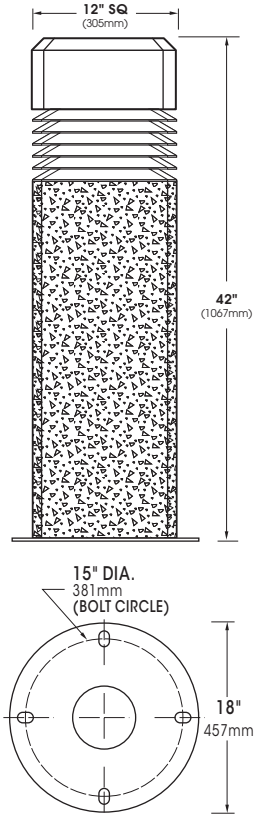
LED EMITTERS
High Output LED's are driven at 350mA for nominal 1 Watt output each. 70CRI Minimum. LED's are available in standard Neutral White (4000K), or optional Cool White (5000K) or Warm White (3000K). Consult Factory for other LED options.

LED DRIVER
UL and CUL recognized Constant Current LED drivers operate on input voltages from 120-277VAC, 50/60hz. Consult Factory for (347-480VAC). Driver is mechanically fastened to a retaining bracket. Driver has a minimum 4KV of internal surge protection, 10KV & 20KV Surge Protector optional. Dimmable and High-Low Driver options available.

FINISH
Polyester powder coat incorporates four step iron phosphate process to pretreat metal surface for maximum adhesion. Top coat is baked at 400°F for maximum hardness and exterior durability.

BSAC12

PATENT PENDING



U.L. Listed for wet location

MADE IN THE USA

2013253

U.S. Architectural Lighting

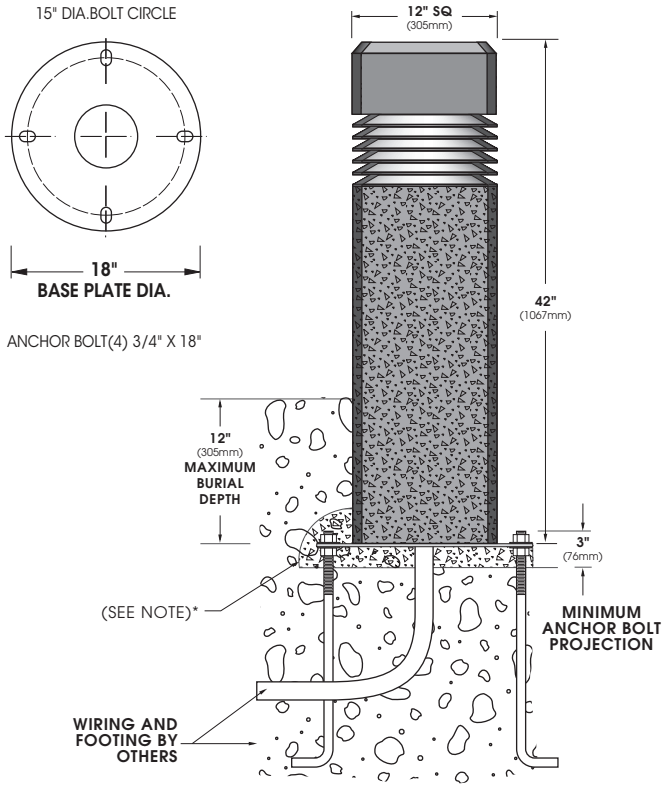
660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usaltg.com

U.S. ARCHITECTURAL LIGHTING

BSAC12 SERIES-LED

SPECIFICATIONS

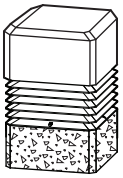
INSTALLATION



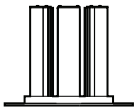
*When mounting in soil, anchor bolt fasteners and other hardware must be protected from soil by grouting.

OPTICS

CAST LOUVER



CL



VPA - Vertical Array
Available in:
48 LED Max.

ORDERING INFORMATION

BOLLARD	OPTICS	# of LED's	COLOR	VOLTAGE	MOUNTING	FINISH	OPTIONS

BOLLARD

☐ **BSAC12-LED**

OPTICS

VERTICAL POWER ARRAY

☐ CAST LOUVER . . . . . **.CL**

LED

# of LEDs

☐ **48LED** (53 Watts)
☐ **36LED** (42 Watts)
☐ **24LED** (28 Watts)

WATTS ARE MAX INOUT WATTS

COLOR

☐ **NW** (4000K) Standard
☐ **CW** (5000K)
☐ **WW** (3000K)

OTHER LED COLORS AVAILABLE CONSULT FACTORY

VOLTAGE

☐ **120**
☐ **208**
☐ **240**
☐ **277**
☐ **347**
☐ **480**

MOUNTING

☐ **GROUND INSTALLATION** . . . . (STANDARD)
☐ DIRECT BURIAL . . . . . **DB**

FINISH

STANDARD TEXTURED FINISH

☐ BLACK **RAL-9005-T**
☐ WHITE **RAL-9003-T**
☐ GREY **RAL-7004-T**
☐ DARK BRONZE **RAL-8019-T**
☐ GREEN **RAL-6005-T**

FOR SMOOTH FINISH REMOVE SUFFIX "T" (EXAMPLE: RAL-9500)

SEE USALTG.COM FOR ADDITIONAL COLORS

OPTIONS

☐ DIMMABLE DRIVER (0-10V PROVIDED) . . . . . **DIM**
☐ HIGH-LOW DIMMING FOR HARDWIRED SWITCHING OR NONINTEGRATED MOTION SENSOR . . . . . **HLSW**
☐ INTERNAL HOUSE SIDE SHIELD. . . **HS**
☐ DUPLEX RECEPTACLE . . . . . **DUP-C** (CONSULT FACTORY)
☐ GROUND FAULT RECEPTACLE . . . . . **GFI-C** (CONSULT FACTORY)
☐ 10KV SURGE PROTECTOR. **10SP**
☐ 20KV SURGE PROTECTOR (277V & 480V Only) **20SP**

OPTIONAL HEIGHTS:

☐ **30"**
☐ **36"**

660 West Avenue O, Palmdale, CA 93551
Phone (661) 233-2000 Fax (661) 233-2001
www.usaltg.com

U.S. ARCHITECTURAL LIGHTING