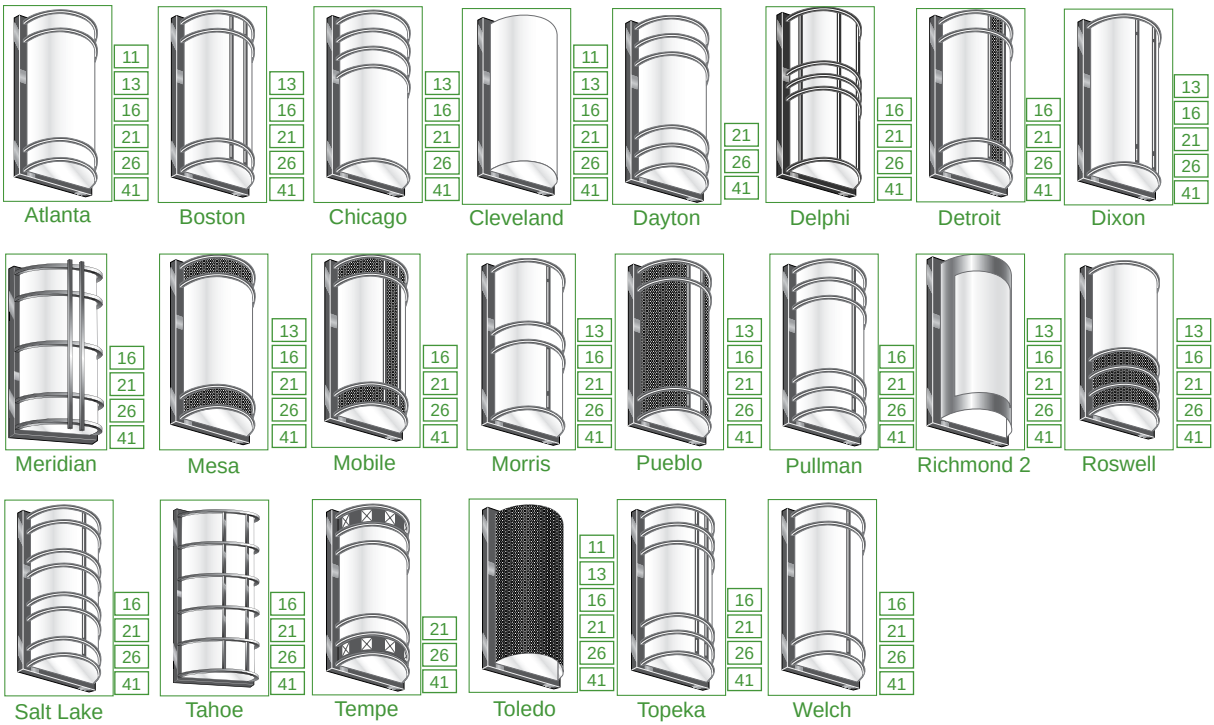
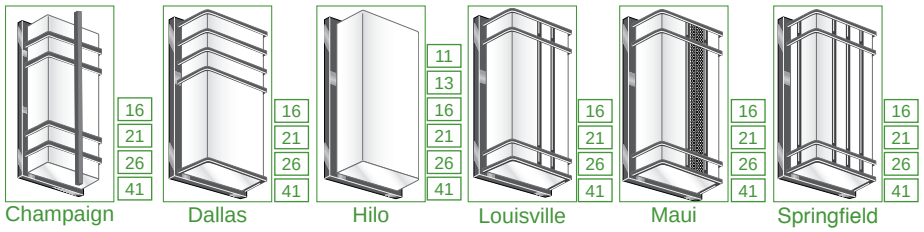
The Americana Collection
BASIC CLASS
Indoor/Outdoor — Wall Sconce

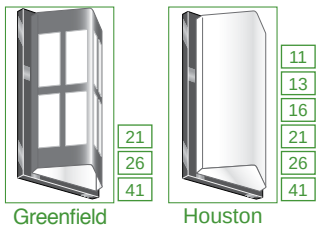
ROUND DIFFUSER



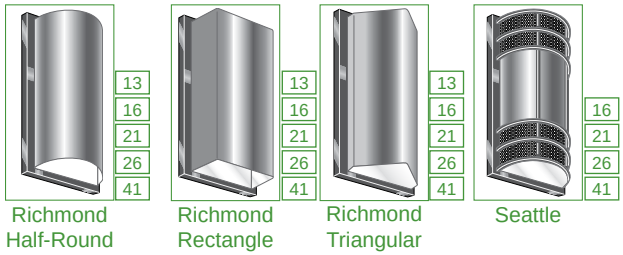
SQUARE DIFFUSER



TRIANGULAR DIFFUSER



SHIELD ONLY



Note: For additional Triangular Cage Styles, see **Americana Flat Band spec-sheet**.

- Modular design: interchangeable diffusers and cages for rapid installation, relamping and maintenance, as well as the ability to design and build new luminaires to meet the exact needs or specifications.
- Three diffuser shapes: Round, Rectangular or Triangular
- Custom Color Matching
- Customizable sconces for design flexibility. Timeless and versatile to fulfill all aesthetic and performance needs.
- Standard Energy Efficient LED (Consult factory for Other Lamping)
- Weather and vandal resistant construction — Standard.
- Meets Buy American Act (BAA) Requirements

ROUND	
Atlanta	BSC-AL
Boston	BSC-BN
Chicago	BSC-CH
Cleveland	BSC-CD
Dayton	BSC-DN
Delphi	BSC-DP
Detroit	BSC-DT
Dixon	BSC-DI
Meridian	BSC-MER
Mesa	BSC-ME
Mobile	BSC-MB
Morris	BSC-MO
Pueblo	BSC-PB
Pullman	BSC-PL
Richmond 2	BSC-RD2
Roswell	BSC-RO
Salt Lake	BSC-SL
Tahoe	BSC-TH
Tempe	BSC-TE
Toledo	BSC-TO
Topeka	BSC-TK
Welch	BSC-WE
SQUARE	
Champaign	BSC-CP
Dallas	BSC-DA
Hilo	BSC-HI
Louisville	BSC-LV
Maui	BSC-MA
Springfield	BSC-SF
TRIANGLE	
Greenfield	BSC-GF
Houston	BSC-HN
SHIELD ONLY	
Richmond Half-Round	BSC-RD-HRD
Richmond Rectangular	BSC-RD-RE
Richmond Triangular	BSC-RD-TI
Seattle*	BSC-SE

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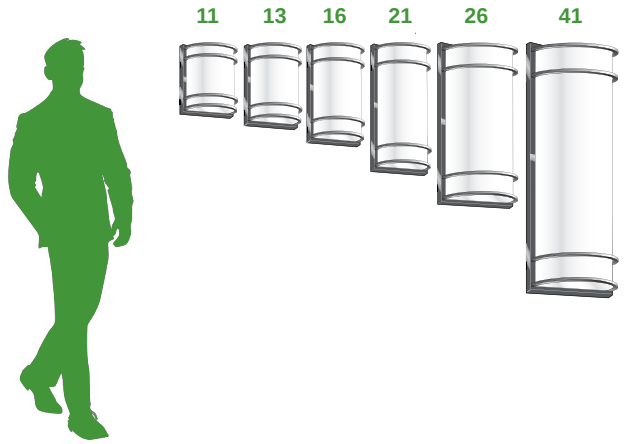
BASIC CLASS SIZES



BASIC CLASS

SIZE	DIMENSIONS	CENTER WATTS	AVAILABLE UP/DN	UP/DN WATTS	UP/DN WATTS Shield Models Only
11”	8¼”W X 11⅛”H x 4”D	10W	NO	N/A	5W UP 5W DN
13”	8¼”W X 13¼”H x 4”D	20W	YES	5W UP[B] 5W DN[B]	5W UP 5W DN
16”	8¼”W X 16”H x 5½”D	20W	YES	5W UP[B] 5W DN[B]	5W UP 5W DN
21”	9¼”W X 21”H x 5½”D	20W / 30W	YES	5W UP[B] 5W DN[B]	10W UP 10W DN
26”[A]	12¼”W X 26¼”H x 7¼”D	40W / 60W	YES	5W/10W/15W UP[B] 5W/10W/15W DN[B]	30W UP 30W DN
41”[A]	14”W X 41”H x 8½”D	40W / 60W	YES	5W/10W/15W UP[B] 5W/10W/15W DN[B]	30W UP 30W DN

Note [A]: Total Max Wattage: 60W for 26” I 70W for 41” (includes Center Light with Uplight and/or Downlight)
Note [B]: Conduit Adapter Back Box Option Required (CA)

Catalog Number

Project Name & Location Type

Product Specifications

BACKPLATE: 16 Ga. aluminum (AL).
BACKBOX: 16 Ga. aluminum (AL) with wire access on four sides and back through 7/8” dia. KO flattened water tight (Optional for surface conduit entry or standard with emergency battery).
CAGE: Square extruded aluminum bars permanently secured by hidden means to the frame. Standard configurations shown.
DIFFUSER: White translucent, fully enclosed non-yellowing 100% virgin acrylic, .125 Thick (1/8”). Optional Clear (CTB) top and/or bottom — CTB is Standard with Uplight and/or Downlight. (See Page 3 for More Information)
DRIVER: Universal Volt (120-277v) electronic driver with 0-10VDC dimming (100-10%) is standard.
FASTENERS: Stainless steel tamperproof screws —(2) To secure cage/frame in place.
FINISH: Corrosion and Weather resistant, extremely durable pre-treated oven baked polyester powder.
GASKETING: High Temp., non-aging black EPDM and/or neoprene rubber around the entire lens perimeter & rear wire entrance hole to protect against dust, moisture & outside contaminants.
MOUNTING: Use (4) or (6) 5/16” diameter holes for 1/4” diameter bolts for outdoor or indoor. 7/8” KO in Center for Wire Access. Must derate lamping for horizontal.
WALL WASH: CTB is Standard with Uplight or/and Downlight. For wall wash patterns specify: LU (Uplight) or LD (Downlight) or LU/LD (Up and Downlight).
COMPLIANCE: Built to comply with U.S. and Canadian safety standards. Meets Buy American Act (BAA) Requirements. Suitable for wet locations.
WARRANTY: 5-Year Limited Warranty.

ORDER EXAMPLES

EX1: BSC-BN-16-LED15-CT4-80CRI-UNV-BK-BLD-REMT
EX2: BSC-RD-RE-21-LU10/LD10-CT5-80CRI-UNV-SV-CTB
EX3: BSC-AE-26-LED40-CT3-80CRI-UNV-BZ-CAXL2-EM20W

STYLE
Refer to Index Page for Style Name/Code on Page 1
BSC-xx Standard-(xx=Style Code, ex: BSC-AL)

SIZE
Select from Sizes: **11** / **13** / **16** / **21** / **26** / **41**
Refer to Chart for Dimensions

MOUNTING
BLANK Wall Mount (Standard)
HM Horizontal Mount
– Requires Conduit Back Box (CA)

LED WATTAGE
Refer to Chart for Size/Wattage Compatibility
See Page 3 for Uplight / Downlight Explanation
LEDxx Center LED(xx=Wattage)
– NOT Compatible with Shield Models
LUxx LED Uplight(xx=Wattage)
LDxx LED Downlight(xx=Wattage)

LED COLOR TEMPERATURE (CCT)
CT3 ±3000K LED Color Temp
CT35 ±3500K LED Color Temp
CT4 ±4000K LED Color Temp
CT5 ±5000K LED Color Temp

COLOR RENDERING INDEX (CRI)
80CRI 80 Color Rendering Index (STANDARD)
90CRI 90 Color Rendering Index (Not Available for 5K)

VOLTAGE
347 347 Volt
UNV 120~277 Universal Volt Electronic Driver

STANDARD FINISH
BK Black
BZ Bronze
PA Painted Aluminum
SV Silver Gray
WHT White

PREMIUM UPCHARGE FINISH
CC Custom Color (Visit www.ralcolor.com)
– Provide RAL# or Make-to-Match Color Chip

INHIBITOR FINISH
+NAT Epoxy Coating for Natatorium
+OFC Epoxy Coating for Ocean Front Environments

CAGE / DIFFUSER OPTIONS
Note: See Page 3 for More Info
ATS Aluminum Top Shield (No Up Light)
ABS Aluminum Bottom Shield (No Down Light)
ATBS Aluminum Top/Bottom Shield (No Up/Down Light)
CB Clear Bottom
CT Clear Top
CTB Clear Top & Bottom (Standard with Up/Down Light)
OB Open Bottom (Indoor Only)
OQB Opaque Bottom (No Down Light)
OQT Opaque Top (No Up Light)
OQTB Opaque Top & Bottom (No Up/Down Light)

Additional Options on PAGE 3

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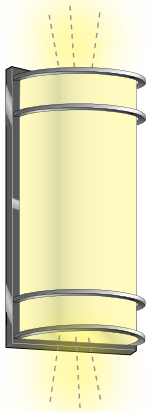
Uplight / Downlight Explained

SCENARIO #1

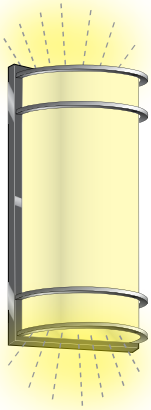


Scenario #1: A soft glow is achieved by the natural transmission of light thru the translucent opal diffuser at the top and bottom of fixture (standard).

SCENARIO #2

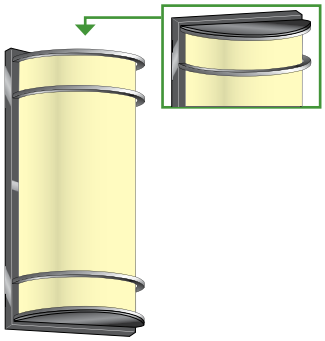
Scenario #2: Illumination from the top and bottom is enhanced by the addition of a **Clear Top/Bottom (CTB) Lens** allowing more light to spill out from both ends of the fixture.

SCENARIO #3



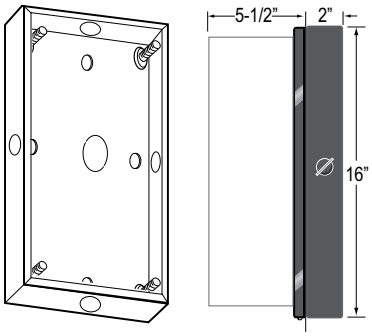
Scenario #3: The addition of ***UP/DN light engines*** to focus even more light out of the top and bottom of the fixture (CTB included).

SCENARIO #4



Scenario #4: No uplight or downlight is achieved by the addition of ***Aluminum Top/Bottom Shield (ATBS)*** or ***Opaque Top/Bottom (OQTB) Lens***.

Why the Back Box?



Backbox shown with Americana 16 size.

Back Box Required for:
Photocell, Emergency Battery, Generator Transfer Device (GN), Surface Mounted Conduit Applications and Specific LED Configurations

PHOTOCELL OPTIONS

PHTD	Photocell Button (120/277V) *– Requires Conduit Back Box (CA)*

CONTROL OPTIONS (Choose from Manual or Sensor)

MANUAL CONTROL (Wall Switch or Control System)
Note: Cannot be used with Sensor Controls Below
Note: 0-10V (100-10%) Dimming is Standard

0-10D2	0-10VDC LED Dimming Driver (100-1%)
BLS	Bi-Level Switching (Includes Two Drivers) *– Requires Conduit Back Box (CA)* *– NOT Compatible with Uplight / Downlight*

OR

SENSOR CONTROL (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls Above
Note: Sensor Controls are <u>not compatible</u> with Full Shield Styles: RD-HRD, RD-RE, RD-TI, SE
Note: Motion Sensor Max Mounting Height 18-Feet

OCC	Occupancy Sensing / Motion Sensor Integral *– Microwave / Single Feed / 120/277 Only* *– Stand-by Dimming Level Presets: ON/OFF* *– NOT Compatible with Uplight / Downlight*
BLD	Bi-Level Dimming - Motion Sensor Integral *– Microwave / Single Feed / 120/277 Only* *– Stand-by Dimming Level Presets:* 10% / 20% / 30% / 50% *– NOT Compatible with Uplight / Downlight* *Note: Available on 16" and larger fixtures only.*

CONDUIT ADAPTER BACK BOX OPTIONS

CA11	11⅛" x 2" Backbox
CA13	13¼" x 2" Backbox
CA16	16" x 2" Backbox
CA21	21" x 2" Backbox
CA26	26" x 2" Backbox
CA41	41" x 2" Backbox

MISC OPTIONS

FUS	Fuse and Fuseholder
DFUS	Dual Fuse and Fuseholder

EMERGENCY BATTERY OPTIONS

- **Emergency Battery are for Center Light Only**
- **Meets California Energy Commission Title 20 [CEC-400-2014-009-CMF] Efficiency Standands (Cold Weather is NON-CEC)**
- **Cold Weather Emergency Batteries Temp Range: -20°C thru 50°C**
- **Integral Emergency Battery Options <u>Requires Conduit Adapter (CA Option)</u>**

EM4W	Integral 4 Watt LED
EM8W	Integral 8 Watt LED
EM10W	Integral 10 Watt LED
EM16W	Integral 16 Watt LED
EM10W-CW	Integral 10 Watt LED - Cold Weather
REM4W	Remote 4 Watt LED
REM8W	Remote 8 Watt LED
REM10W	Remote 10 Watt LED
REM16W	Remote 16 Watt LED
REM10W-CW	Remote 10 Watt LED - Cold Weather

ACCESSORY OPTIONS (Order as a Separate Line)

TPD	Tamperproof Screwdriver
REMT	Remote Controller for Sensor Options

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