Galileo Family
Basic Styles

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

ROUND	
Apollo	BSC-AP
Artemis	BSC-AT
Aurora	BSC-AU
Aztec	BSC-AZ
Cancer	BSC-CA
Classic	BSC-CL
Cosmos	BSC-CS
Galaxy	BSC-GA
Hera	BSC-HR
Juno	BSC-JN
Leo	BSC-LE
Libra	BSC-LI
Lunar	BSC-LU
Mars	BSC-MAR
Mariner	BSC-MR
Mercury	BSC-ME
Neowise	BSC-NEO
Phoebus	BSC-PH
Saturn	BSC-ST
Scorpio	BSC-SP
Uranus	BSC-UR
Vega	BSC-VA
Virgo	BSC-VG
Xenia	BSC-XN
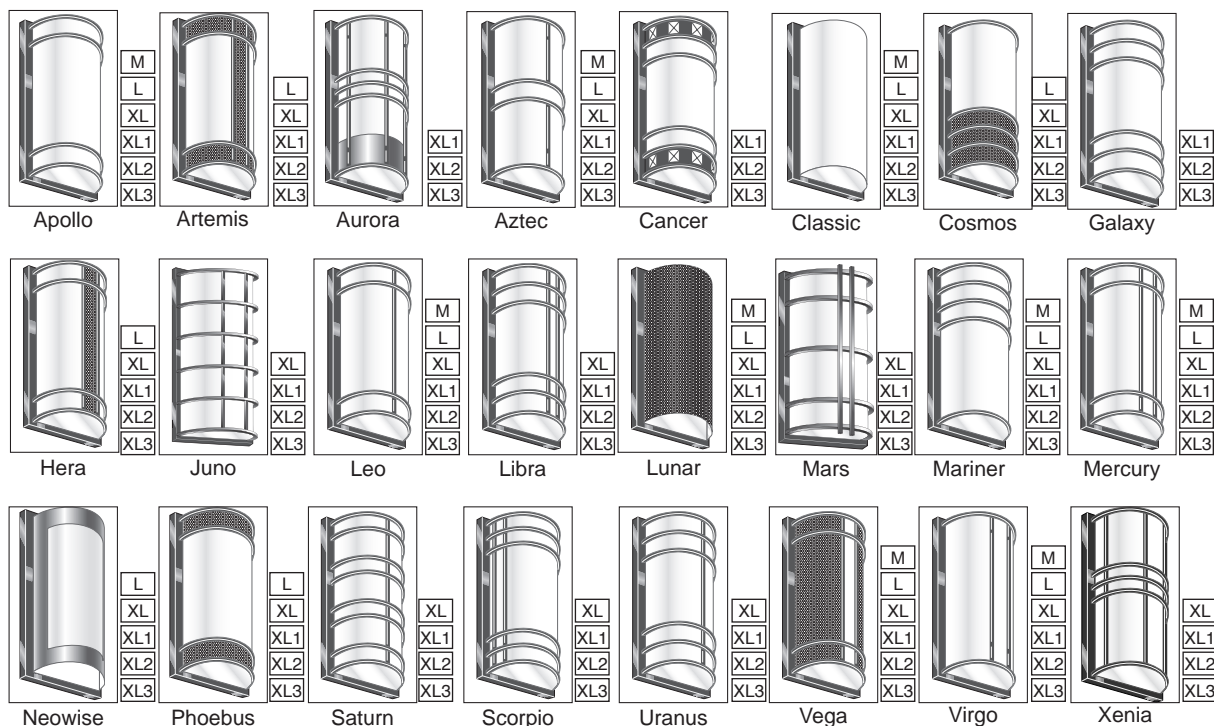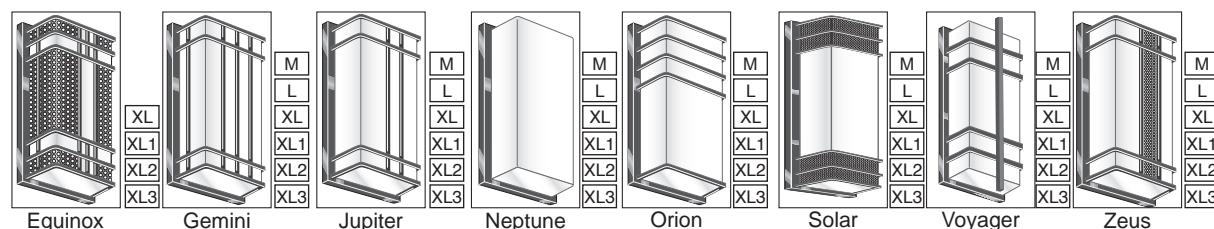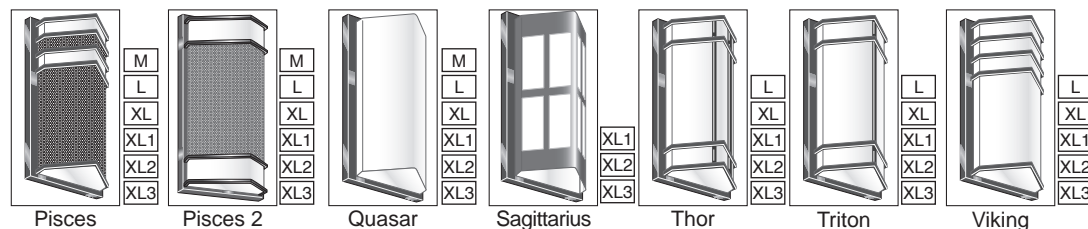
SQUARE	
Equinox	BSC-EQ
Gemini	BSC-GE
Jupiter	BSC-JU
Neptune	BSC-NE
Orion	BSC-ON
Solar	BSC-SO
Voyager	BSC-VY
Zeus	BSC-ZE

TRIANGLE	
Pisces	BSC-PI
Pisces 2	BSC-PI2
Quasar	BSC-QU
Sagittarius	BSC-SG
Thor	BSC-TH
Triton	BSC-TR
Viking	BSC-VK

SHIELD ONLY	
Capricorn	BSC-CC
Ceres	BSC-CE
Comet	BSC-CO
Titan	BSC-TI

ROUND DIFFUSER

Apollo Artemis Aurora Aztec Cancer Classic Cosmos Galaxy

Hera Juno Leo Libra Lunar Mars Mariner Mercury

Neowise Phoebus Saturn Scorpio Uranus Vega Virgo Xenia

SQUARE DIFFUSER

Equinox Gemini Jupiter Neptune Orion Solar Voyager Zeus

TRIANGULAR DIFFUSER

Pisces Pisces 2 Quasar Sagittarius Thor Triton Viking

SHIELD ONLY

Capricorn Ceres Comet Titan
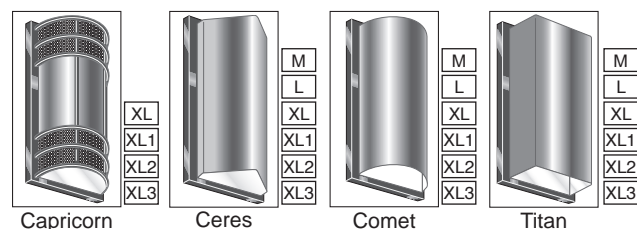
- Modular design: interchangeable diffusers and cages for rapid installation, relamping and maintenance, as well as the ability to design and build new luminaires to meet the exact needs or specifications.
- Three diffuser shapes: Round, Rectangular or Triangular
- Custom Color Matching
- Customizable 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.
- Considerable range in sizes to perfectly match the scale requirements of the exterior and interior setting — certain sizes are ADA compliant.
- Meets Buy American Act (BAA) Requirements

ECLIPSE™ LIGHTING

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We reserve the right to revise the design or components of any product without notice.

CATALOG #	
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TYPE

ORDERING GUIDE:

Class-Style	Size	Mounting	Center Wattage	UP/DN Wattage (Optional)	CCT	CRI	Voltage	Finish	Options

ORDERING INFO

STYLE
Refer to Index Page for Style Name/Code on Pg.1
BSC-xx = Basic(xx = Style Code, ex: BSC-AP)

SIZE
M = 11-1/8″
L = 13-1/4″
XL = 16″
XL1 = 21″
XL2 = 26″
XL3 = 41″

MOUNTING
BLANK = Wall Mount (Standard)
HM = Horizontal Mount ❷

WATTAGE
Refer to Below Chart for Size / Wattage Compatibility
LED(xx) = Center LED (xx = Wattage, ex: LED15)
  — Center LED <u>Not Available</u> for Shield Styles:
    CC, CE, CO, TI
UP(xx)/DN(xx) = UP/DN (xx = Wattage, ex: UP5/DN5)

COLOR TEMPERATURE (CCT)
3K = ±3000K range LED
35K = ±3500K range LED
4K = ±4000K range LED
5K = ±5000K range LED

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

VOLTAGE
347 = 347 Volt
UNV = Universal Volt (120-277v) Driver

STANDARD FINISH
BK = Black Finish
BZ = Bronze Finish
PNA = Painted Natural Aluminum
SGR = Silver Gray
WH = White Finish

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

INHIBITOR FINISH
+NAT = Epoxy Coating for Chlorine Environments
+OFC = Epoxy Coating for Ocean Front Environments

DIFFUSER OPTIONS
Note: See Page 3 for more Info
CB = Clear Bottom
CT = Clear Top
CTB = Clear Top & Bottom (Standard with Up/Down Light)❹⁸
GV = Gravura Custom Engraving (Consult Factory)
OB = Open Bottom (indoor only)
OQT = Opaque Top (No Up Light)
OQB = Opaque Bottom (No Down Light)
OQTB = Opaque Top & Bottom (No Up or Down Light)

PHOTOCELL OPTION
9328 = Photocell Button (120/277V)❷

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 (100-30%) Dimming is Standard
D7A = 0-10VDC LED Dimming Driver (100-10%)
D7B = 0-10VDC LED Dimming Driver (100-1%)
BLS = Bi-Level Switching (Includes Two Drivers) ❷ ㉖

OR

Sensor Control (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls above
OCC = Occupancy Sensing | Motion Sensor Integral ⓰ ⓴ ㉖
  — Microwave / Single Feed / 120/277V Only
  — Standby Dim Level Presets: ON/OFF (0%/100%)
BLD = Bi-Level Dimming | Motion Sensor Integral ⓰ ⓴ ㉕ ㉖
  — Microwave / Single Feed / 120/277V Only
  — Standby Dim Level Presets:
    10% / 20% / 30% (Standard) / 50%

BACK BOX OPTIONS
BBM = 11⅛″ x 2″ Backbox
BBL = 13¼″ x 2″ Backbox
BBXL = 16″ x 2″ Backbox
BBX1 = 21″ x 2″ Backbox
BBX2 = 26″ x 2″ Backbox
BBX3 = 41″ x 2″ Backbox

MISC OPTIONS
FUS = Single Fusing
DFUS = Double Fusing

EMERGENCY BATTERY OPTIONS ㊿ �освоб
Note: Emergency Battery options are for Center Light Only.

Meets California Energy Commission Title 20:
(CEC-400-2014-009-CMF) Efficiency Standards
EL4W = Integral LED 4 Watt ❷
EL8W = Integral LED 8 Watt ❷
EL10W = Integral LED 10 Watt ❷
EL16W = Integral LED 16 Watt ❷

REL4W = Remote LED 4 Watt
REL8W = Remote LED 8 Watt
REL10W = Remote LED 10 Watt
REL16W = Remote LED 16 Watt

Cold Weather Emergency Batteries:
Operating Temp: -20°C thru 50°C / *NON-CEC Compliant*
EL10W-CW = Integral LED 10 Watt (Cold Weather)❷

REL10W-CW = Remote LED 10 Watt (Cold Weather)

ACCESSORY OPTIONS (order as a separate line)
9002 = Tamperproof Screwdriver
REMT = Remote Controller for Sensor Options

NOTES:
❷ Backbox (BB) Required (*where text bold and note#❷ shown*).
⓰ Not available for Full Shield Styles: Capricorn, Ceres, Comet, Titan
⓴ Max mounting height of fixture is 18′ (18 feet)
㉕ Available on 16″ and larger fixtures only.
㉖ Not Compatible with Uplight / Downlight.
㉗ Total Wattage includes Center Light with Uplight and/or Downlight
㊽ Clear Top & Bottom (CTB) is Standard with Uplight and/or Downlight.
㊿ Max WHIP length with the REL provided by the factory is 8 feet.
㊻ Final selection of the Battery Pack under discretion of Factory.

Fixture Size		M	L	XL	XL1	XL2 (Total Max Wattage = 60W㉗)	XL3 (Total Max Wattage = 70W㉗)
Dimensions - W x H x D		8¼″ x 11⅛″ x 4″	8¼″ x 13¼″ x 4″	8¼″ x 16″ x 5½″	9¼″ x 21″ x 5½″	12¼″ x 26¼″ x 7¼″	14″ x 41″ x 8½″
Center Light Emitting Diode (Required)	LED	LED10	LED20	LED20	LED20 / LED30	LED40 / LED60	LED60
LED Uplight/Downlight (Optional) *Combinations are allowed*	UP/DN	N/A	UP5❷ DN5❷	UP5❷ DN5❷	UP5❷ DN5❷	UP5❷/UP10❷/UP15❷ DN5❷/DN10❷/DN15❷	UP5❷/UP10❷/UP15❷ DN5❷/DN10❷/DN15❷
LED Uplight/Downlight FOR SHIELDED ONLY STYLES (Capricorn, Ceres, Comet, Titan)	UP/DN	UP5 DN5	UP5 DN5	UP5 DN5	UP10 DN10	UP30 DN30	UP30 DN30

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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").
- DRIVER — Universal Volt (120-277v) electronic driver with 0-10VDC dimming 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: UP (Uplight) or DN (Downlight) or UP/DN (Up and Downlight).
- COMPLIANCE — Built to comply with U.S. and Canadian safety standards. Buy American Act (BAA) Compliant. Suitable for wet locations.
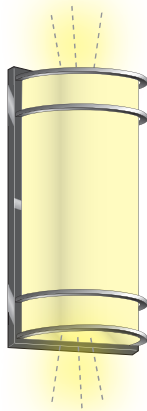
BASIC CLASS

| SIZE	DIMENSIONS	CENTER WATTS	AVAILABLE UP/DN	UP/DN WATTS
M	8¼"W X 11⅛"H x 4"D	10W	NO	N/A
L	8¼"W X 13¼"H x 4"D	20W	YES	5W UP 5W DN
XL	8¼"W X 16"H x 5½"D	20W	YES	5W UP 5W DN
XL1	9¼"W X 21"H x 5½"D	20W / 30W	YES	5W UP 5W DN
XL2	12¼"W X 26¼"H x 7¼"D	40W / 60W	YES	5W/10W/15W UP 5W/10W/15W DN
XL3	14"W X 41"H x 8½"D	60W	YES	5W/10W/15W UP 5W/10W/15W DN
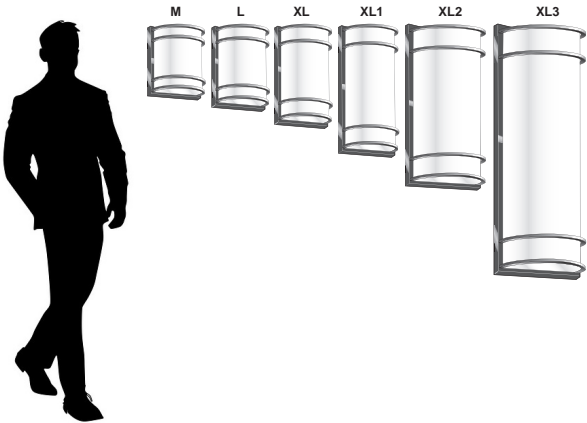
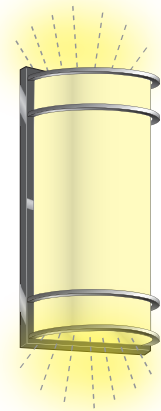## Uplight / Downlight Explained

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
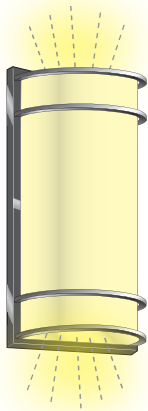
Scenario #1 is enhanced by the addition of a clear top and bottom lens (CTB) to allow more light to spill out both ends of the fixture.

SCENARIO #3

Scenario #2 is further enhanced by the addition of UP/DN light engines to focus even more light out of the top and bottom of the fixture (CTB included).

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