

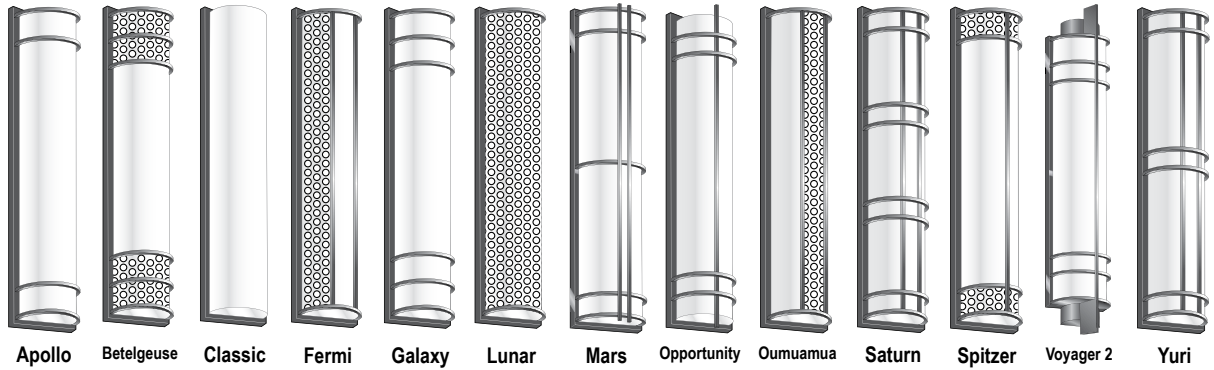
Galileo Family Deco Styles ADA Compliant

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

CATALOG #		TYPE
PROJECT/LOCATION		
APPROVED BY		

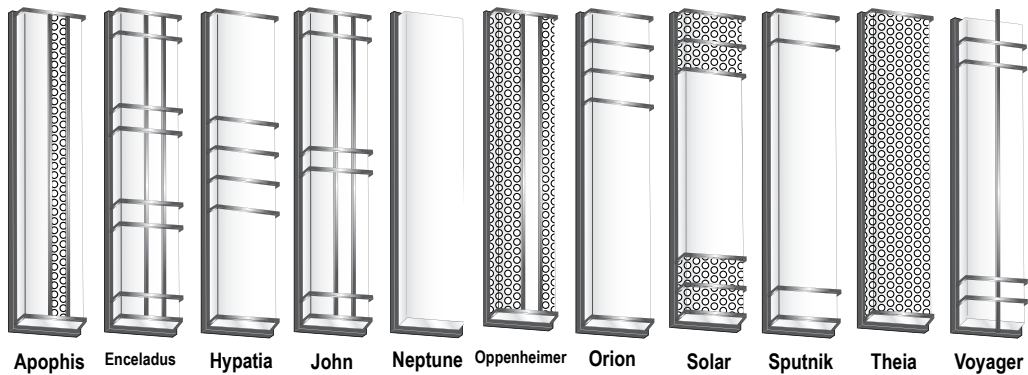
ROUND	
Apollo	DE-AP
Betelgeuse	DE-BET
Classic	DE-CL
Fermi	DE-FER
Galaxy	DE-GA
Lunar	DE-LU
Mars	DE-MAR
Opportunity	DE-OPY
Oumuamua	DE-OUN
Saturn	DE-ST
Spitzer	DE-SPR
Voyager 2	DE-VY2
Yuri	DE-YUR

ROUND DIFFUSER



SQUARE	
Apophis	DE-APS
Enceladus	DE-ENC
Hypatia	DE-HYP
John	DE-JOH
Neptune	DE-NE
Oppenheimer	DE-OPR
Orion	DE-ON
Solar	DE-SO
Sputnik	DE-SPK
Theia	DE-THE
Voyager	DE-VY

SQUARE DIFFUSER



- 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. Allows you to boost and complement your design space.
- 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 — ADA Compliant Depth.

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ORDERING GUIDE:	Class	Style	Size	Center Wattage	UP/DN Wattage (Optional)	CCT	CRI	Voltage	Finish	Options
	DE									

ORDERING INFO

STYLE

Refer to Index Page for Style Name/Code on Pg.1
DE-xx = Deco-xx = Style Code, ex: DE-AP

SIZE

38 = 8" Width x 38" Tall x 4" Depth (Nominal)
51 = 8" Width x 51" Tall x 4" Depth (Nominal)

WATTAGE

Refer to Below Chart for Size / Wattage Compatibility
LED(xx) = LED (xx = Wattage, ex: LED15)
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

CB = Clear Bottom
CT = Clear Top
CTB = Clear Top & Bottom (Standard with Up/Down Light)⁴⁸
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)²

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)²

OR

Sensor Control (Sensor Integral to Fixture)

Note: Cannot be used with Manual Controls above

OCC = Occupancy Sensing | Motion Sensor Integral² ²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets: ON/OFF (0%/100%)
BLD = Bi-Level Dimming | Motion Sensor Integral² ²⁰
— Microwave / Single Feed / 120/277V Only
— Standby Dim Level Presets:
10% / 20% / 30% (Standard) / 50%

BACK BOX OPTIONS (For Surface Conduit)

BB38 = 38" x 1.5" Backbox
BB38D = 38" x 2.25" Backbox
BB51 = 51" x 1.5" Backbox
BB51D = 51" x 2.25" Backbox

MISC OPTIONS

FUS = Single Fusing

EMERGENCY BATTERY OPTIONS ⁵⁰

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 Watt²
EL8W = Integral LED 8 Watt²
EL10W = Integral LED 10 Watt²
EL16W = Integral LED 16 Watt²

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)²

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:

- ² Backbox (BB) Required - Non-ADA compliant.
- ²⁰ Max mounting height of fixture is 18' (18 feet)
- ²⁷ Total Wattage includes Center Light with Uplight and/or Downlight
- ⁴⁸ Clear Top and Bottom (CTB) is standard with Uplight and/or Downlight.
- ⁵⁰ Max WHIP length of the REL is 8 feet.

Fixture Size		DECO 38 (Total Max Wattage = 50W ²⁷)	DECO 51 (Total Max Wattage = 60W ²⁷)
Dimensions - W x H x D		8" x 38" x 4"	8" x 51" x 4"
Center Light Emitting Diode (Required)	LED	15w to 30w (In 5w Increments)	25w to 40w (In 5w Increments)
LED Uplight/Downlight (Optional) <i>Combinations are allowed</i>	UP/DN	UP5/UP10 ² DN5/DN10 ²	UP5/UP10 ² DN5/DN10 ²

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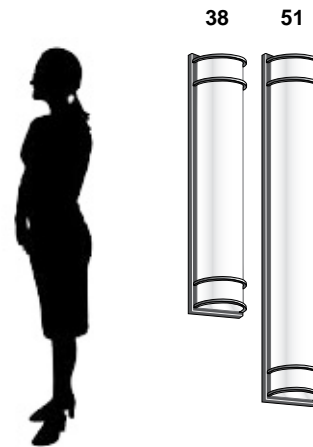
SPECIFICATIONS

- BACKPLATE — 14 Ga. aluminum (AL).
- BACKBOX — 14 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.
- 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. Suitable for wet locations.



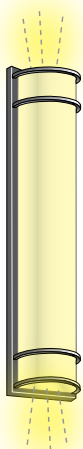
DECO CLASS				
SIZE	DIMENSIONS	CENTER WATTS	AVAILABLE UP/DN	UP/DN WATTS
38	8"W X 38"H x 4"D	Up to 30W*	YES	5W/10W UP 5W/10W DN
51	8"W X 51"H x 4"D	Up to 40W*	YES	5W/10W UP 5W/10W DN

*In 5W Increments



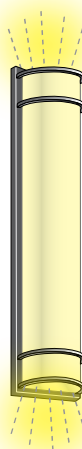
UPLIGHT / DOWNLIGHT EXPLAINED

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.

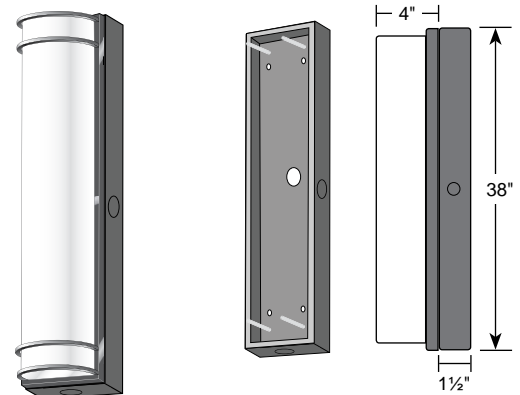
SCENARIO #3



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).

BACK BOX

Backbox shown with Deco 38 Size.



NOTE: Back Box Required for: Photocell, Emergency Battery, Surface Mounted Conduit Applications and Specific LED Configurations

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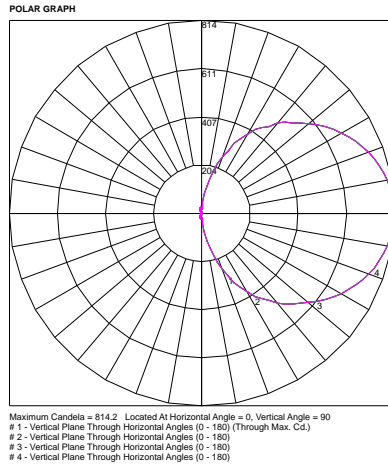
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PHOTOMETRIC DATA

Summary of Results DE-SPR-38-LED30-4K-80CRI-UNV-CTB					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
3246.4 Lumens	104.1 Lm/W	31.2W	4000K	Type IV	B0-U5-G3

LCS Summary	
Zone	Lumens
Forward Low (0-30)	74.7
Forward Medium (30-60)	468.0
Forward High (60-80)	567.0
Forward Very High (80-90)	324.4
Back Low (0-30)	16.3
Back Medium (30-60)	63.3
Back High (60-80)	69.7
Back Very High (80-90)	39.8
Up Low (90-100)	364.1
Up High (100-180)	1259.1



Summary of Results DE-SPR-38-LED30-UP10/DN10-4K-80CRI-UNV-CTB					
Lumen Output	Efficacy	Input Power	CCT	Distribution	BUG Rating
5769.2 Lumens	93.2 Lm/W	61.9W	4000K	Type IV	B1-U5-G3

LCS Summary	
Zone	Lumens
Forward Low (0-30)	347.1
Forward Medium (30-60)	901.7
Forward High (60-80)	653.2
Forward Very High (80-90)	340.5
Back Low (0-30)	216.1
Back Medium (30-60)	286.5
Back High (60-80)	97.2
Back Very High (80-90)	42.3
Up Low (90-100)	382.8
Up High (100-180)	2501.8

