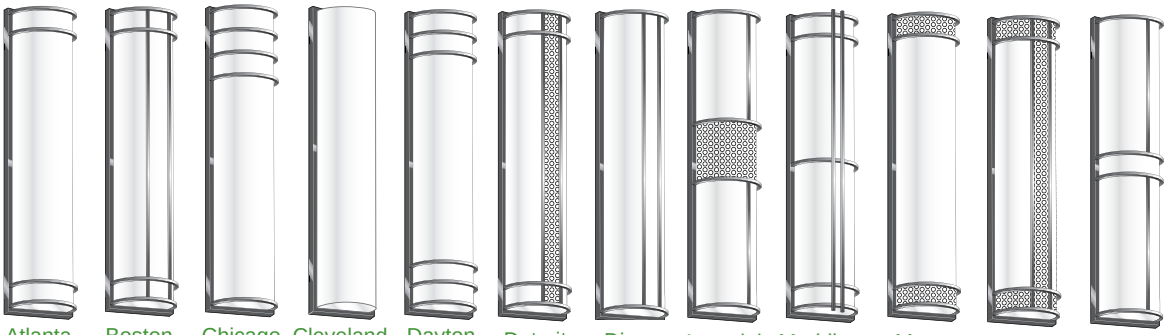
The Americana Collection

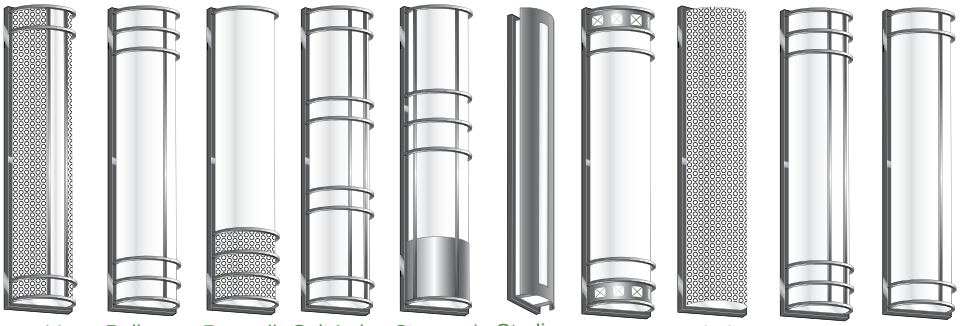
MONOLITH CLASS

Indoor/Outdoor — Wall Sconce | ADA Compliant

ROUND DIFFUSER



Atlanta Boston Chicago Cleveland Dayton Detroit Dixon Imperial Meridian Mesa Mobile Morris



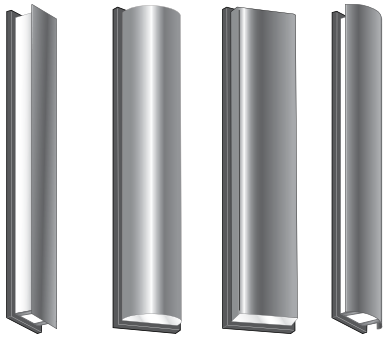
Pueblo Pullman Roswell Salt Lake Stanwood Sterling B Tempe Toledo Topeka Welch

SQUARE / TRIANGULAR DIFFUSER

Avalon Champaign Columbia B Dallas Edison Hilo Houston Louisville Maui

MOQ=25pcs

SHIELD ONLY



Columbia A Richmond Half-Round Richmond Rectangle Sterling A

- 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.
- Meets Buy American Act (BAA) Requirements

ROUND	
Atlanta	MN-AL
Boston	MN-BN
Chicago	MN-CH
Cleveland	MN-CD
Dayton	MN-DN
Detroit	MN-DT
Dixon	MN-DI
Imperial	MN-IM
Meridian	MN-MER
Mesa	MN-ME
Mobile	MN-MB
Morris	MN-MO
Pueblo	MN-PB
Pullman	MN-PL
Roswell	MN-RO
Salt Lake	MN-SL
Stanwood	MN-SW
Sterling B	MN-STB
Tempe	MN-TE
Toledo	MN-TO
Topeka	MN-TK
Welch	MN-WE
SQUARE	
Avalon	MN-AV
Champaign	MN-CP
Columbia B	MN-CLB
Dallas	MN-DA
Edison	MN-ED
Hilo	MN-HI
Louisville	MN-LV
Maui	MN-MA
TRIANGLE	
Houston	MN-HN
SHIELDED ONLY	
Columbia A	MN-CLA
Sterling A	MN-STA
Richmond Half-Round	MN-RD-HRD
Richmond Rectangular	MN-RD-RE

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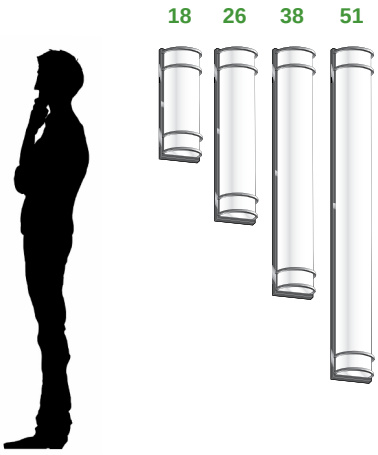
MONOLITH CLASS

Indoor/Outdoor — Wall Sconce | ADA Compliant

MONOLITH CLASS SIZES



MONOLITH CLASS

SIZE	DIMENSIONS	CENTER WATTS[A]	UP/DN WATTS[B]
18	5½"W X 18"H x 4"D	15W	10W UP 10W DN
26	5½"W X 26"H x 4"D	20W	20W UP 20W DN
38	5½"W X 38"H x 4"D	30W	20W UP 20W DN
51	5½"W X 51"H x 4"D	40W	25W UP 25W DN

A Center LED Wattage NOT Available for Shield Only Styles: Richmond-HRD, Richmond-RE
B Uplight and Downlight ONLY Available for Shield Only Styles: Richmond-HRD, Richmond-RE

Catalog Number

Project Name & Location Type

Product 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"). Optional Clear (CTB) top and/or bottom.
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.
COMPLIANCE: Built to comply with U.S. and Canadian safety standards. Meets Buy American Act (BAA) and American Disability Act (ADA) Requirements. Suitable for wet locations.
WARRANTY: 5-Year Limited Warranty.

ORDER EXAMPLES

EX1: MN-BN-18-LED15-CT4-80CRI-UNV-BK-BLD-REMT
EX2: MN-RD-26-LED20-CT5-80CRI-UNV-SV-CTB
EX3: MN-AE-51-LED40-CT3-80CRI-UNV-BZ-CA51-EM20W

STYLE

Refer to Index Page for Model Name/Code on Page 1

MN-xx	Standard-(xx=Style Code, ex: MN-AL)

SIZE

Select from Sizes: **18 / 26 / 38 / 51**
Refer to Chart for Dimensions

LED WATTAGE

Refer to Chart for Size/Wattage Compatibility

LEDxx	LED(xx=Wattage, ex: LED15) *– Center LED NOT Compatible with Shield Models: Richmond Half-Round, Richmond Rectangular*
LUxx	LED Uplight(xx=Wattage, ex: LU20) *– LED Uplight ONLY Compatible with Shield Models: Richmond Half-Round, Richmond Rectangular*
LDxx	LED Downlight(xx=Wattage, ex: LD20) *– LED Downlight ONLY Compatible with Shield Models: Richmond Half-Round, Richmond Rectangular*

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
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 2

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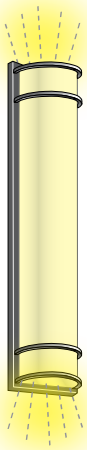
Uplight / Downlight Explained

SCENARIO #1

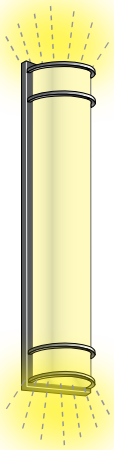
Scenario #1: A soft glow is achieved by the natural transmission of light thru the translucent opal diffuser at the top and bottom of fixture (standard).

SCENARIO #2



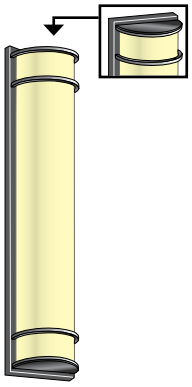
Scenario #2: Illumination from the top and bottom is enhanced by the addition of a **Clear Top/Bottom (CTB) Lens** allowing more light to spill out from both ends of the fixture.

SCENARIO #3



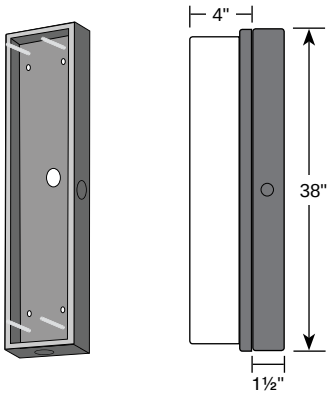
Scenario #3: The addition of ***UP/DN light engines*** to focus even more light out of the top and bottom of the fixture (CTB included).

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 Monolith 38 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 (100-30%) Dimming is Standard

0-10D1	0-10VDC LED Dimming Driver (100-10%)
0-10D2	0-10VDC LED Dimming Driver (100-1%)
BLS	Bi-Level Switching (Includes Two Drivers) *– NOT Compatible with Uplight / Downlight* *– Requires Conduit Back Box (CA)*

OR

SENSOR CONTROL (Sensor Integral to Fixture)
Note: Cannot be used with Manual Controls Above
Note: Sensor Controls are NOT Compatible with Full Shield Styles
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* *– Requires Conduit Back Box (CA)*
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* *– Requires Conduit Back Box (CA)*

CONDUIT ADAPTER BACK BOX OPTIONS

CA18	18" x 1.5" Backbox
CA26	26" x 1.5" Backbox
CA38	38" x 1.5" Backbox
CA51	51" x 1.5" Backbox

MISC OPTIONS

FUS	Fuse and Fuseholder

EMERGENCY BATTERY OPTIONS

- **Emergency Battery are for Center Light Only**
- **Emergency Battery Options Meet 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 Requires Conduit Adapter (CA Option)**

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

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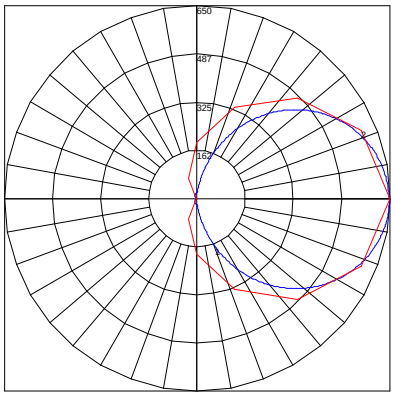
PHOTOMETRICS

Summary of Results | MN-DI-26-LED20-CT3-80CRI-UNV					
Lumen Output	**Efficacy**	**Input Power**	**CCT**	**Distribution**	**BUG Rating**
2,401 Lumens	120.05 Lm/W	20.0W	3000K	Type IV	B0-U4-G3

LCS Summary	
Zone	**Lumens**
Forward Low (0-30)	52.5
Forward Medium (30-60)	355.8
Forward High (60-80)	435.0
Forward Very High (80-90)	248.5
Back Low (0-30)	11.1
Back Medium (30-60)	42.5
Back High (60-80)	42.6
Back Very High (80-90)	23.4
Up Low (90-100)	269.1
Up High (100-180)	920.8

POLAR GRAPH

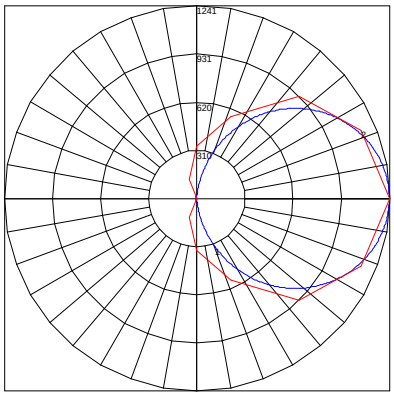


Maximum Candela = 649.903 Located At Horizontal Angle = 0, Vertical Angle = 89
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (89) (Through Max. Cd.)

Summary of Results | MN-CP-51-LED40-CT35-80CRI-UNV-CTB					
Lumen Output	**Efficacy**	**Input Power**	**CCT**	**Distribution**	**BUG Rating**
4,470.7 Lumens	112.3 Lm/W	39.8W	3500K	Type IV	B0-U5-G3

LCS Summary	
Zone	**Lumens**
Forward Low (0-30)	95.8
Forward Medium (30-60)	663.1
Forward High (60-80)	814.5
Forward Very High (80-90)	466.0
Back Low (0-30)	14.8
Back Medium (30-60)	66.9
Back High (60-80)	72.8
Back Very High (80-90)	41.2
Up Low (90-100)	507.4
Up High (100-180)	1728.2

POLAR GRAPH



Maximum Candela = 1240.891 Located At Horizontal Angle = 0, Vertical Angle = 89
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (89) (Through Max. Cd.)

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