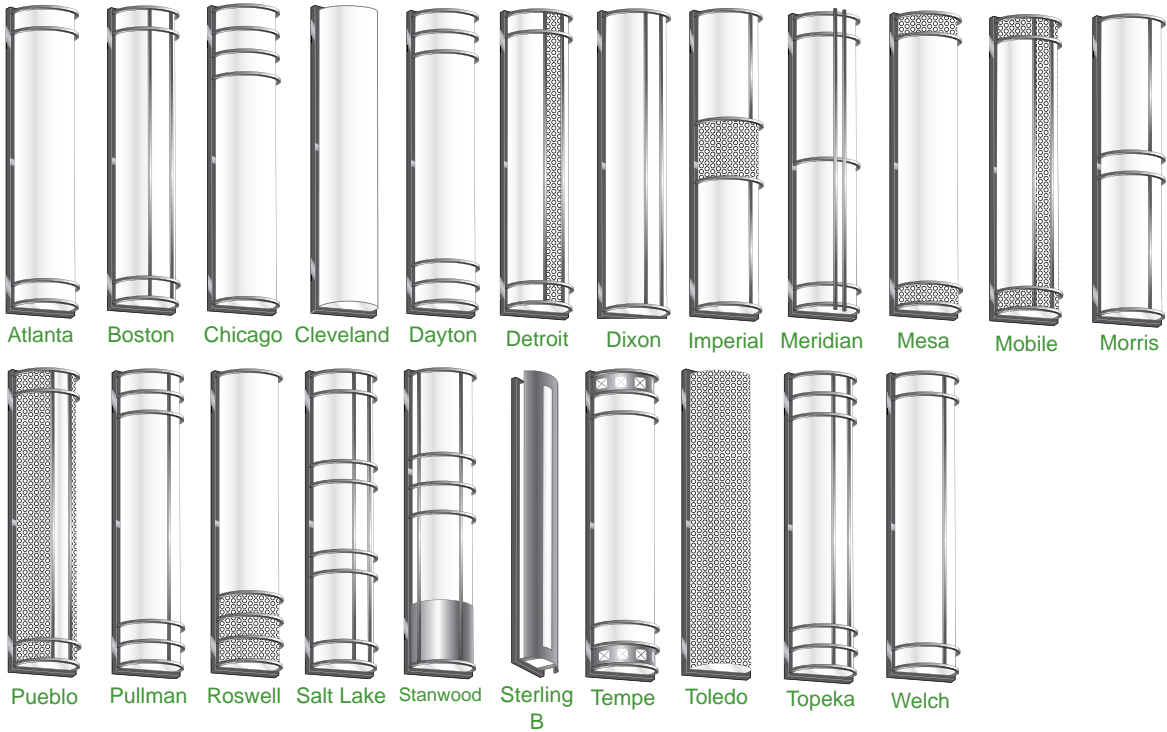
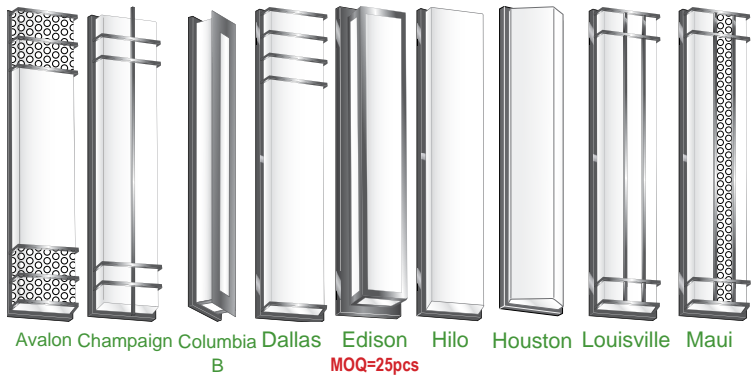


**ROUND DIFFUSER**

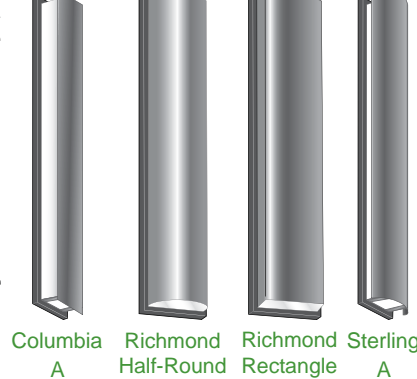


ROUND	
Atlanta	MN-AL
Boston	MN-BN
Chicago	MN-CH
Cleveland	MN-CD
Dayton	MN-DN
Detroit	MN-DT
Dixon	MN-DI
Imperial	MN-IM
Meridian	MN-MER
Mesa	MN-ME
Mobile	MN-MB
Morris	MN-MO
Pueblo	MN-PB
Pullman	MN-PL
Roswell	MN-RO
Salt Lake	MN-SL
Stanwood	MN-SW
Sterling B	MN-STB
Tempe	MN-TE
Toledo	MN-TO
Topeka	MN-TK
Welch	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

**SQUARE / TRIANGULAR DIFFUSER**

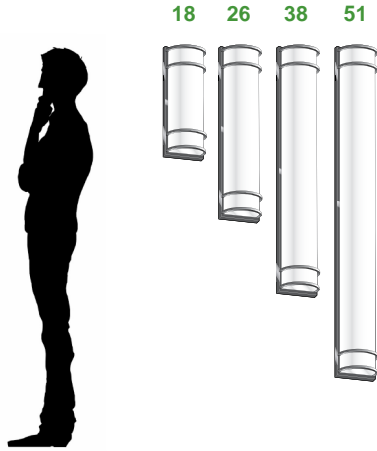


**SHIELD ONLY**



- 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

**MONOLITH CLASS SIZES**



MONOLITH CLASS			
SIZE	DIMENSIONS	CENTER WATTS <sup>A</sup>	UP/DN WATTS <sup>B</sup>
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

<sup>A</sup> Center LED Wattage NOT Available for Shield Only Styles: Richmond-HRD, Richmond-RE  
<sup>B</sup> 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.

**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](http://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

**DIFFUSER / CAGE OPTIONS**

Note: See Page 3 for More Info

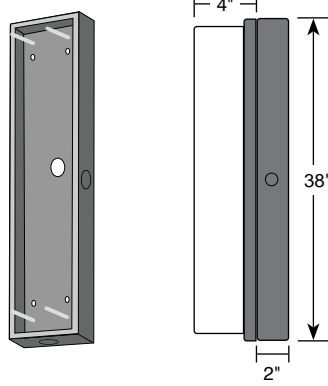
- CB Clear Bottom
- CT Clear Top
- CTB Clear Top & Bottom
- OB Open Bottom (Indoor Only)
- OQB Opaque Bottom (No Down Light)
- OQT Opaque Top (No Up Light)
- OQTB Opaque Top & Bottom (No Up/Down Light)

Additional Options on PAGE 2

**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-Foot**

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 Standards (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- Integral 10 Watt LED - Cold Weather CW

REM4W Remote 4 Watt LED

REM8W Remote 8 Watt LED

REM10W Remote 10 Watt LED

REM16W Remote 16 Watt LED

REM10W- Remote 10 Watt LED - Cold Weather CW

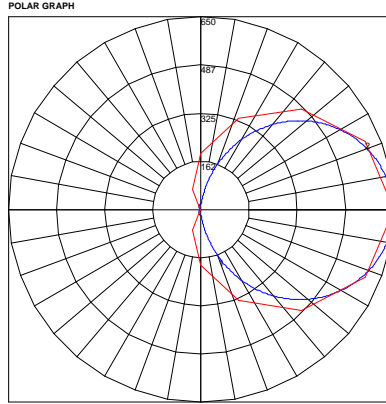
**ACCESSORY OPTIONS (Order as a Separate Line)**

TPD Tamperproof Screwdriver

**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

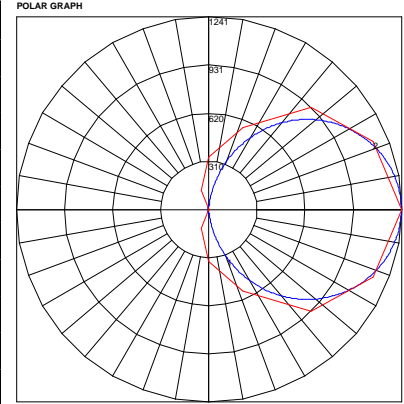
LCS Summary	
Zone	Lumens
Forward Low (0-30)	52.5
Forward Medium (30-60)	355.8
Forward High (60-80)	435.0
Forward Very High (80-90)	248.5
Back Low (0-30)	11.1
Back Medium (30-60)	42.5
Back High (60-80)	42.6
Back Very High (80-90)	23.4
Up Low (90-100)	269.1
Up High (100-180)	920.8



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



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.)