## NOVA LARGE, ROUND SCONCE

**ALW**

### SPECIFICATIONS

**Source**  
Cree LED - up to 1500 lumens

**CCT**  
2700K, 3000K, 3500K or 4000K

**Color Consistency**  
3x3 SDCM (MacAdam Ellipse)

**CRI (Ra)**  
80 or 92

**Driver**  
Included

**Driver Location**  
Internal, remote or tethered

**Dimming**  
0-10V or phase dimming to 1% standard; EcoSystem, DALI & DMX dimming available

**Input Voltage**  
100 to 277VAC, phase dimmable versions are 120VAC only

**Temperature**  
Maximum ambient temperature of 104°F [40°C]

**Power**  
Up to 15 watts max, depending on LED module / driver

**Optics**  
3 reflectors, 8 lenses, honeycomb louver & diffuser - field replaceable without tools

**Material**  
CNC machined aluminum with stainless steel hardware

**Finish**  
Powder coat - TGIC polyester

**Weight**  
3.0 lb. [1.4 kg]

**Environment**  
Listed for damp location

**Approvals**  
ETL Listed to UL 1598, 2108, 8750 and CSA C22.2# 9 & #250.0

**Lifetime**  
L90(10k) > 55,400 hrs

**Warranty**  
Lifetime Limited Warranty

**IES Files**  
LM-79-08 IES files available

### ORDERING LOGIC

<table>
<thead>
<tr>
<th>Model</th>
<th>Mounting</th>
<th>Dimming</th>
<th>Output / CRI</th>
<th>CCT</th>
<th>Options</th>
<th>Optical Accessories</th>
<th>Color</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>NLRS</td>
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</tr>
<tr>
<td></td>
<td>Recessed j-box, 5.0&quot; canopy:</td>
<td></td>
<td>80 CRI:</td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>JND=J-box installation w/ internal driver</td>
<td></td>
<td>0780=750lm</td>
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</tr>
<tr>
<td></td>
<td>JRD=J-box installation w/ remote driver</td>
<td></td>
<td>1080=1000lm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>No j-box, 5.0&quot; canopy:</td>
<td></td>
<td>1280=1200lm</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>N= None</td>
<td></td>
<td>1580=1500lm</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td>P=Phase</td>
<td></td>
<td>82 CRI:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>V=0-10V</td>
<td></td>
<td>992=640lm</td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Z=Other*</td>
<td></td>
<td>1092=800lm</td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1292=1000lm</td>
<td></td>
<td></td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>1392=1300lm</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

**Example Part Number:** NLRS-DNDV-158030WW-NN-A1

NOVA: Large Round Sconce - DND Direct mount w/ internal driver, 0-10V, J-Box - 1500lm, 80 CRI, 3000K, Wall Wash lens - NN=none - A1 Clear Silver

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### Installation Options with or without junction box
**DIMENSIONS**

5" canopies fit standard 3.5" and 4" round and octagonal junction boxes.

Hardware provided accommodates wall materials from 0.5" to 1.5" thick.

For thicker or thinner wall, refer to installation guide for instructions.

Not to scale, dimensions are nominal. Consult factory for CAD drawings.

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### LED OPTIONS

<table>
<thead>
<tr>
<th>Nominal Output</th>
<th>1500 lm</th>
<th>1200 lm</th>
<th>1000 lm</th>
<th>750 lm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CRI</strong></td>
<td><strong>CCT</strong></td>
<td><strong>lm</strong></td>
<td><strong>W</strong></td>
<td><strong>lm/W</strong></td>
</tr>
<tr>
<td>60 CRI</td>
<td>2700K, 3000K, 3500K</td>
<td>1504 13 119</td>
<td>1217 12 105</td>
<td>1000 8 127</td>
</tr>
<tr>
<td>90 CRI</td>
<td>2700K, 3000K, 3500K</td>
<td>1507 12 129</td>
<td>1229 11 114</td>
<td>1076 8 137</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nominal Output</th>
<th>1300 lm</th>
<th>1000 lm</th>
<th>800 lm</th>
<th>640 lm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CRI</strong></td>
<td><strong>CCT</strong></td>
<td><strong>lm</strong></td>
<td><strong>W</strong></td>
<td><strong>lm/W</strong></td>
</tr>
<tr>
<td>80 CRI</td>
<td>2700K, 3000K, 3500K</td>
<td>1329 11 121</td>
<td>1000 8 127</td>
<td>804 7 112</td>
</tr>
<tr>
<td>90 CRI</td>
<td>2700K, 3000K, 3500K</td>
<td>1314 10 133</td>
<td>1076 8 137</td>
<td>864 7 120</td>
</tr>
</tbody>
</table>

1. x 10%
2. Source lumens - see photometrics on page 3 & 4 for LOR to calculate delivered lumens
3. $W = \text{LED power}$
4. Maximum luminaire wattage including standard LED driver = LED wattage x 1.15

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### CONTROL OPTIONS

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>0-10V dimming to 1%</td>
</tr>
<tr>
<td>P</td>
<td>Phase dimming to 1%</td>
</tr>
</tbody>
</table>

**Standard LED Drivers**

Compatible with both forward and reverse phase dimmers.

**Premium LED Drivers**

- Lutron Hi-Lume™ 1%
- Lutron Hi-Lume™ 1%
- Lutron Hi-Lume™ Premier 0.1%
- EcoSystem or forward phase dimming to 1%
- Lutron 5-series, EcoSystem dimming to 5%

1. Drivers must be mounted remotely per local code
2. Refer to eldoLED & Lutron datasheets for more details

For emergency backup applications:

ALW LED drivers may be used with 3rd party inverter style systems.

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**ALW**

**NOVA**

LARGE, ROUND SCONCE

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**ALWUSA**

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P 510.489.2530

E TalkToUs@alwusa.com

W alwusa.com

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**REV**

191203
<table>
<thead>
<tr>
<th>Optics</th>
<th>Order Code</th>
<th>Polar Plot (cd) (1000lm)</th>
<th>Cartesian Plot (cd) (1000lm)</th>
<th>Cone Diagram (1000lm)</th>
<th>CBCP</th>
<th>Beam Angle</th>
<th>Field Angle</th>
<th>LOR</th>
<th>BUG Rating</th>
<th>Beam</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>10° reflector</td>
<td>R1</td>
<td><img src="image1" alt="Polar Plot" /></td>
<td><img src="image2" alt="Cartesian Plot" /></td>
<td><img src="image3" alt="Cone Diagram" /></td>
<td>5260</td>
<td>42 fc</td>
<td>106 fc</td>
<td>47 fc</td>
<td>26 fc</td>
<td>0°</td>
<td>10°</td>
</tr>
<tr>
<td>22° reflector</td>
<td>R2</td>
<td><img src="image4" alt="Polar Plot" /></td>
<td><img src="image5" alt="Cartesian Plot" /></td>
<td><img src="image6" alt="Cone Diagram" /></td>
<td>2650</td>
<td>119 fc</td>
<td>30 fc</td>
<td>13 fc</td>
<td>7 fc</td>
<td>22°</td>
<td>68°</td>
</tr>
<tr>
<td>39° reflector</td>
<td>R4</td>
<td><img src="image7" alt="Polar Plot" /></td>
<td><img src="image8" alt="Cartesian Plot" /></td>
<td><img src="image9" alt="Cone Diagram" /></td>
<td>5300</td>
<td>60 fc</td>
<td>15 fc</td>
<td>7 fc</td>
<td>4 fc</td>
<td>39°</td>
<td>91°</td>
</tr>
<tr>
<td>29° lens</td>
<td>L3</td>
<td><img src="image10" alt="Polar Plot" /></td>
<td><img src="image11" alt="Cartesian Plot" /></td>
<td><img src="image12" alt="Cone Diagram" /></td>
<td>7950</td>
<td>102 fc</td>
<td>26 fc</td>
<td>11 fc</td>
<td>6 fc</td>
<td>29°</td>
<td>57°</td>
</tr>
<tr>
<td>60° lens</td>
<td>L6</td>
<td><img src="image13" alt="Polar Plot" /></td>
<td><img src="image14" alt="Cartesian Plot" /></td>
<td><img src="image15" alt="Cone Diagram" /></td>
<td>10600</td>
<td>39 fc</td>
<td>10 fc</td>
<td>4 fc</td>
<td>2 fc</td>
<td>60°</td>
<td>83°</td>
</tr>
<tr>
<td>94° lens</td>
<td>L9</td>
<td><img src="image16" alt="Polar Plot" /></td>
<td><img src="image17" alt="Cartesian Plot" /></td>
<td><img src="image18" alt="Cone Diagram" /></td>
<td>5300</td>
<td>21 fc</td>
<td>5 fc</td>
<td>2 fc</td>
<td>1 fc</td>
<td>94°</td>
<td>121°</td>
</tr>
</tbody>
</table>
## Photometrics

LM-79-08 IES files available

<table>
<thead>
<tr>
<th>Optics</th>
<th>Order Code</th>
<th>V plane through H angles (0˚, 90˚) (1000lm)</th>
<th>H cone through V angle at max candela (1000lm)</th>
<th>Cone Diagram (1000lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50˚ x 17˚ oval lens</td>
<td>S1</td>
<td>2427</td>
<td><img src="image" alt="Cone Diagram" /></td>
<td>Max Candela=2427 cd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOR = 91%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BUG Rating = B1-U0-G0</td>
</tr>
<tr>
<td>58˚ x 58˚ square lens</td>
<td>S2</td>
<td>887</td>
<td><img src="image" alt="Cone Diagram" /></td>
<td>Max Candela=887 cd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOR = 91%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BUG Rating = B1-U0-G0</td>
</tr>
<tr>
<td>85˚ x 85˚ square lens</td>
<td>S3</td>
<td>633</td>
<td><img src="image" alt="Cone Diagram" /></td>
<td>Max Candela=633 cd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOR = 91%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BUG Rating = B1-U0-G0</td>
</tr>
</tbody>
</table>

### Wall wash lens

<table>
<thead>
<tr>
<th></th>
<th>Order Code</th>
<th>V plane through H angles (0˚, 90˚) (1000lm)</th>
<th>H cone through V angle at max candela (1000lm)</th>
<th>Cone Diagram (1000lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max Candela=827 cd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOR = 86%</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td>BUG Rating = B0-U1-G0</td>
</tr>
</tbody>
</table>

### Double wall wash lens

<table>
<thead>
<tr>
<th></th>
<th>Order Code</th>
<th>V plane through H angles (0˚, 90˚) (1000lm)</th>
<th>H cone through V angle at max candela (1000lm)</th>
<th>Cone Diagram (1000lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Max Candela=785 cd</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>LOR = 90%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>BUG Rating = B1-U1-G1</td>
</tr>
</tbody>
</table>
NOVA combines high-efficiency LEDs with a wide selection of high-performance optics to deliver maximum lumens where they are needed.

**Diffuser**
Softens and blends the edges of any reflector or lens with 89% efficiency.

Order Code
**DF** = Diffuser

**Honeycomb Louver**
Reduce glare. 45° cutoff with 95% efficiency.

Order Code
**HL** = Honeycomb Louver

**Reflectors**
Punch the most lumen with 91% efficiency.

Order Codes
- **R1** = 10° reflector
- **R2** = 22° reflector
- **R4** = 39° reflector

**Asymmetric & Spread Lenses**
Provides optical control not available with reflectors.

Order Codes
- **L3** = 29° lens
- **L6** = 60° lens
- **L9** = 94° lens
- **S1** = 50° x 17° oval lens
- **S2** = 58° x 58° oval lens
- **S3** = 85° x 85° oval lens
- **WW** = Wall Wash lens
- **DW** = Double WW lens

**Difuser**
Softens and blends the edges of any reflector or lens with 89% efficiency.

Order Code
**DF** = Difuser
**COLOR OPTIONS**

- **Basic Powder Coat**
  - GW Gloss White
  - SW Satin White
  - AW Antimicrobial option
  - TW Textured Matte White
  - TB Textured Matte Black

- **Satin Anodized Effect Powder Coat**
  - CS Clear Silver
  - OB Oil-Rubbed Bronze
  - DB Dark Bronze
  - SB Satin Black

- **Metallic Powder Coat**
  - SG Silver Gray
  - CG Charcoal Gray
  - CU Copper
  - BR Brass

- **Gloss Powder Coat** (80-95% Gloss)
  - GO Orange (RAL 2003)
  - GR Red (RAL 3020)
  - GM Magenta (RAL 4010)
  - GB Blue (RAL 5015)

- **Aluminum**
  - BA Brushed Aluminum

- **Special Order**
  - RAL Most RAL Classic Colors (80-95% Gloss) are available for powder coat - consult ALW. Minimum setup fee applies. See: alwusa.com/finishes for more information

- **Custom**
  - CCM Custom powder coat color matching is available - consult ALW. Premium setup fee applies.

Printed or on-screen colors are only approximations - consult actual Color Chip Set before specifying.

Note: An individual setup fee will apply to each unique Special Order/Custom Finish per purchase order. (ex: RAL 5023 and RAL 2008 are specified for multiple line items on a purchase order. 2x setup fees will apply)