### Project

**Job**

**Type**

**Part #**

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### Specifications

**Source**  
Cree LED - up to 1000 lumens

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

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

**CRI (Ra)**  
80 or 92

**Driver**  
Included

**Driver Location**  
Remote

**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 9 watts max, depending on LED module / driver

**Optics**  
3 reflectors, 8 lenses, honeycomb louver & glow trims - field replaceable

**Glow Feature**  
Frosted acrylic trims with solid or open bottom

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

**Finish**  
Powder coat - TGIC polyester

**Weight**  
0.7 lb. [0.3 kg]; 0.9 lb. [0.4 kg] with Glow optical accessory

**Environment**  
Listed for damp location

**Approvals**  
ETL Listed to UL 2108 and CSA C22.2#9

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

**Warranty**  
Lifetime Limited Warranty

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

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### Ordering Logic

<table>
<thead>
<tr>
<th>Model</th>
<th>Mounting</th>
<th>Dimming</th>
<th>CCT</th>
<th>Optics</th>
<th>Optical Accessories</th>
<th>Color</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>NSRM</td>
<td>JRDV</td>
<td>2.5&quot;</td>
<td>2700K</td>
<td>R1</td>
<td>10º reflector</td>
<td>XX</td>
<td>O4</td>
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<td></td>
<td>JRDV</td>
<td>2.5&quot;</td>
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<td>R1</td>
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<td>DRC</td>
<td>2.5&quot;</td>
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<td>R1</td>
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<td>R1</td>
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<td>XX</td>
<td>O4</td>
</tr>
</tbody>
</table>

Example Part Number: NSRM-DRDV-108030O4-GL-S3-BK

NOVA: Small Round Surface Mount - ORD Direct mount w/ remote driver, 0-10V Dimming - 1000lm, 80 CRI, 3000K, 04 open w/ 38º reflector - OLow - A1 Clear Silver, Black Cord
Nominal Output:

<table>
<thead>
<tr>
<th>Order Code</th>
<th>1000 lm</th>
<th>900 lm</th>
<th>750 lm</th>
</tr>
</thead>
<tbody>
<tr>
<td>V</td>
<td>1082 10</td>
<td>902 8</td>
<td>742 6</td>
</tr>
<tr>
<td>P</td>
<td>1000 8</td>
<td>900 8</td>
<td>798 6</td>
</tr>
</tbody>
</table>

- 80 CRI
- CCT 2700K, 3000K, 5500K
- 4000K
- W = LED power
- * Drivers must be mounted remotely per local code
- ** Refer to eldoLED & Lutron datasheets for more details
- Optional GLOW accessory = GL
- Drivers may be used with 3rd party inverter style systems
- Maximum luminaire wattage including standard LED driver = LED wattage x 1.15

Control Options

- Standard LED Drivers (Included in base price)
- Premium LED Drivers

- Ceiling panel included with DRD ordering options for new construction.
- Install prior to finished ceiling to establish fixture location and temporary wiring termination.
- Can be shipped separately ahead of fixtures upon request.
- Bar hangers are adjustable from 14-3/16” to 26”.
- Extenders available for spans up to 46” – consult factory.
- Bar hanger features:
  - Tabs for plumb positioning
  - Integral toothed nail
  - Auxiliary nailing holes
  - Face nailing holes
  - T-Bar mounting slot with T-Bar locking hole

LED Options

- CRI 90
- CCT 2700K, 3000K, 5500K
- 864 7 120 694 6 122
- 1000 lm 900 lm 750 lm
- 640 lm 640 lm 640 lm
<table>
<thead>
<tr>
<th>Optics Order</th>
<th>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 R1</td>
<td>10°</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>10553 cd/klm</td>
<td>10°</td>
<td>19°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</td>
</tr>
<tr>
<td>22° reflector R2</td>
<td>22°</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>2985 cd/klm</td>
<td>22°</td>
<td>68°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</td>
</tr>
<tr>
<td>39° reflector R4</td>
<td>39°</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>1500 cd/klm</td>
<td>39°</td>
<td>91°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</td>
</tr>
<tr>
<td>29° lens L3</td>
<td>29°</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>1558 cd/klm</td>
<td>29°</td>
<td>57°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</td>
</tr>
<tr>
<td>60° lens L6</td>
<td>60°</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>977 cd/klm</td>
<td>58°</td>
<td>83°</td>
<td>92%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</td>
</tr>
<tr>
<td>94° lens L9</td>
<td>94°</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>510 cd/klm</td>
<td>84°</td>
<td>121°</td>
<td>90%</td>
<td>B1-U0-G0</td>
<td>full width @ 50%</td>
<td>full width @ 90%</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><img src="image" alt="H cone through V angle" /></td>
<td><img src="image" alt="Max Candela=2427 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
<td><img src="image" alt="Max Candela=2427 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
</tr>
<tr>
<td>58’ x 58” square lens</td>
<td>S2</td>
<td><img src="image" alt="H cone through V angle" /></td>
<td><img src="image" alt="Max Candela=887 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
<td><img src="image" alt="Max Candela=887 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
</tr>
<tr>
<td>85’ x 85” square lens</td>
<td>S3</td>
<td><img src="image" alt="H cone through V angle" /></td>
<td><img src="image" alt="Max Candela=633 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
<td><img src="image" alt="Max Candela=633 cd LOR = 91% BUG Rating = B1-U0-G0" /></td>
</tr>
<tr>
<td>wall wash lens</td>
<td>WW</td>
<td><img src="image" alt="H cone through V angle" /></td>
<td><img src="image" alt="Max Candela=827 cd LOR = 90% BUG Rating = B1-U1-G1" /></td>
<td><img src="image" alt="Max Candela=827 cd LOR = 90% BUG Rating = B1-U1-G1" /></td>
</tr>
<tr>
<td>double wall wash lens</td>
<td>DW</td>
<td><img src="image" alt="H cone through V angle" /></td>
<td><img src="image" alt="Max Candela=785 cd LOR = 90% BUG Rating = B1-U1-G1" /></td>
<td><img src="image" alt="Max Candela=785 cd LOR = 90% BUG Rating = B1-U1-G1" /></td>
</tr>
</tbody>
</table>
### Photometrics - Glow Feature

LM-79-08 IES files available

<table>
<thead>
<tr>
<th>Beam Angle</th>
<th>Order Code</th>
<th>Polar Plot (cd) (1000lm)</th>
<th>Intensity Plot (cd) (1000lm)</th>
<th>Cone Diagram</th>
<th>Description</th>
</tr>
</thead>
</table>
| **10°**    | **O1**     | ![Polar Plot](image1.png) | ![Intensity Plot](image2.png) |   | CBCP = 5948 cd  
Beam Angle = 12.6°  
Field Angle = 31.4°  
BUG = B1-U2-G0  
Beam = full width @50% max  
Field = full width @10% max |
| **22°**    | **O2**     | ![Polar Plot](image3.png) | ![Intensity Plot](image4.png) |   | CBCP = 2145 cd  
Beam Angle = 21.3°  
Field Angle = 65.1°  
BUG = B1-U2-G0  
Beam = full width @50% max  
Field = full width @10% max |
| **39°**    | **O4**     | ![Polar Plot](image5.png) | ![Intensity Plot](image6.png) |   | CBCP = 1350 cd  
Beam Angle = 37.3°  
Field Angle = 73.3°  
BUG = B1-U2-G0  
Beam = full width @50% max  
Field = full width @10% max |
| **N/A**    | **SD**     | ![Polar Plot](image7.png) | ![Intensity Plot](image8.png) |   | CBCP = 254 cd  
Beam Angle = 96.4°  
Field Angle = 170.8°  
BUG = B0-U2-G1  
Beam = full width @50% max  
Field = full width @10% max |
Optical Options & Accessories

Nova combines high-efficiency LEDs with a wide selection of high-performance optics to deliver maximum lumens where they are needed.

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

Honeycomb Louver
Reduce glare. 45˚ cutoff with 95% efficiency.

Order Code
HL = Honeycomb Louver

Nova Glow
Open Bottom with 3 reflector options

Order Code
O1 = 10˚.reflector
O2 = 22˚.reflector
O4 = 39˚.reflector

Nova Glow
Solid Diffuser

Order Code
SD = Solid Diffuser
## Color Options

### Basic Powder Coat
- GW | Gloss White

### Satin Anodized Effect Powder Coat
- CS | Clear Silver

### 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
- CAT
  - The complete range of powder coat colors from the Tiger Drylac and TCI catalogs are available - consult ALW. Minimum setup fee applies.

### 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)