NOVA
LARGE, ROUND YOKE

PROJECT

<table>
<thead>
<tr>
<th>Job</th>
<th>Type</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

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 deep canopy
- 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

Example Part Number: NLRY-JNDV-158030L3-NN-A1SM

NOVA: Large Round Yoke - JND- J-box installation w/ internal driver, 0-10V - 1500lm, 80 CRI, 3030K, L3 29˚ lens - NN= None - A1 Clear Silver, Surface Mount

A 1035 22nd Avenue, Unit 1 · Oakland, CA 94606  P 510.489.2530  E TalkToUs@alwusa.com  W alwusa.com  rev 191203
**Nominal Output:**

<table>
<thead>
<tr>
<th>CRI</th>
<th>CCT</th>
<th>1500 lm</th>
<th>1200 lm</th>
<th>1000 lm</th>
<th>750 lm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ra=80 typ</td>
<td>2700K, 3000K, 3500K</td>
<td>1504</td>
<td>119</td>
<td>1217</td>
<td>105</td>
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<tr>
<td>Ra=80 typ</td>
<td>4000K</td>
<td>1507</td>
<td>12</td>
<td>129</td>
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</table>

<table>
<thead>
<tr>
<th>CRI</th>
<th>CCT</th>
<th>1300 lm</th>
<th>1000 lm</th>
<th>800 lm</th>
<th>640 lm</th>
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<tbody>
<tr>
<td>Ra=80 typ</td>
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<td>11</td>
<td>121</td>
<td>1000</td>
</tr>
<tr>
<td>Ra=80 typ</td>
<td>4000K</td>
<td>1314</td>
<td>10</td>
<td>133</td>
<td>1076</td>
</tr>
</tbody>
</table>

**LED OPTIONS**

- **Black** Order Code = BK
- **White** Order Code = WH
- **Clear Silver Braid** Order Code = CB
- **Color Cord** Order Code = CC#

**CORD OPTIONS**

- **Standard shallow canopy** for remote mounted LED drivers
  - Order Code = JRD
  - All canopies fit standard 3.5” and 4” round and octagonal junction boxes
  - Not to scale, dimensions are nominal
  - Consult factory for CAD drawings

**DIMENSIONS**

- **Yoke Only** Order Code = YK
  - Standard cable length = 6’
  - To order longer cable put length in options section at the end of part number

- **Surface Mount** Order Code = SM

- **Rigid Stem** Order Code = RS#
  - Includes 10° hang straight

- **Swivel Stem** Order Code = SS#
  - 300° rotation x 90° til swivel

**CONTROL OPTIONS**

- **Standard LED Drivers** (included in base price)
  - Order Code V = 0-10V dimming to 1%
  - Compatible with both forward and reverse phase dimmers

- **Premium LED Drivers**
  - Order Code P = Phase dimming to 1%
  - EcoSystem or forward phase dimming to 1%

  - Lutron Hi-lume™ 0-10V, DALI, or DMX dimming to 0%
  - Lutron Hi-lume™ Premier 0.1%

  - EcoSystem or forward phase dimming to 1%

  - Lutron 5-series, EcoSystem dimming to 0%

- *Drivers must be mounted remotely per local code
- *Refer to eldoLED & Lutron datasheets for more details

For emergency backup applications:

- All LED drivers may be used with 3rd party inverter style systems

- 1 ±10%
- 2 Source lumens - see photometrics on page 3 & 4 for LDR to calculate delivered lumens
- 3 *W = LED power
- 4 Maximum luminaire wattage including standard LED driver = LED wattage x 1.15

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**ALW**

LARGE, ROUND YOKE

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W alwusa.com

**rev 191203**
### Optics Data

<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 Width @ 50%</th>
<th>Field Width @ 90%</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>10553 cd/klm</td>
<td>10°</td>
<td>19°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</td>
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<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>2985 cd/klm</td>
<td>22°</td>
<td>68°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</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>1500 cd/klm</td>
<td>39°</td>
<td>91°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</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>2558 cd/klm</td>
<td>29°</td>
<td>57°</td>
<td>91%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</td>
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<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>977 cd/klm</td>
<td>58°</td>
<td>83°</td>
<td>92%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</td>
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<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>510 cd/klm</td>
<td>84°</td>
<td>121°</td>
<td>90%</td>
<td>B1-U0-G0</td>
<td>Beam = full width @ 50%</td>
<td>Field = full width @ 90%</td>
</tr>
</tbody>
</table>
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>
<th>Max Candela</th>
<th>LOR</th>
<th>BUG Rating</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>2427</td>
<td>2427</td>
<td>97 fc</td>
<td>4.7’ x 1.6’</td>
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<td>24 fc</td>
<td>9.4’ x 3.2’</td>
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<td></td>
<td>11 fc</td>
<td>14.1’ x 4.8’</td>
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<td></td>
<td></td>
<td>6 fc</td>
<td>18.8’ x 6.4’</td>
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<tr>
<td>58˚ x 58˚ square lens</td>
<td>S2</td>
<td>887</td>
<td><img src="image" alt="Cone Diagram" /></td>
<td>887</td>
<td>887</td>
<td>35 fc</td>
<td>5.1’</td>
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<td></td>
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<td>9 fc</td>
<td>10.1’</td>
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<td>4 fc</td>
<td>15.2’</td>
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<td></td>
<td>2 fc</td>
<td>20.2’</td>
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<td>85˚ x 85˚ square lens</td>
<td>S3</td>
<td>633</td>
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<td>633</td>
<td>25 fc</td>
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<td>6 fc</td>
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<td>3 fc</td>
<td>22.4’</td>
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<td>2 fc</td>
<td>29.0’</td>
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<td>wall wash lens</td>
<td>WW</td>
<td>827</td>
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<td>827</td>
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<td>7.1 fc</td>
<td>6.4’</td>
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<td>5.1’</td>
<td>7.5’</td>
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<td>3 fc</td>
<td>10.1’</td>
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<td>2 fc</td>
<td>15.2’</td>
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<tr>
<td>double wall wash lens</td>
<td>DW</td>
<td>785</td>
<td><img src="image" alt="Cone Diagram" /></td>
<td>785</td>
<td>785</td>
<td>7.1 fc</td>
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<td>5.1’</td>
<td>7.5’</td>
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<td></td>
<td>3 fc</td>
<td>10.1’</td>
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<td></td>
<td></td>
<td></td>
<td>2 fc</td>
<td>15.2’</td>
</tr>
</tbody>
</table>

**NOVA LARGE, ROUND YOKE**

**PHOTOMETRICS**

** rev 191203**
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

**Difuser**

Softens and blends the edges of any reflector or lens with 99% efficiency.

Order Code
- DF = Difuser
## COLOR OPTIONS

### Basic Powder Coat
- **GW** Gloss White
- **SW** Satin White (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
  Cost adder applies.

### 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).
CLOTH CORD COLOR OPTIONS

### Solid Color Cloth Cords
1. Peach
2. Pink
3. Neon Pink
4. Hot Pink
5. Neon Coral
6. Red
7. Adobe
8. Orange
9. Neon Orange
10. Goldenrod
11. Sunshine Yellow
12. Neon Yellow
13. Citrus Yellow
14. Olive Green
15. Kelly Green
16. Neon Green
17. Lime Green
18. Mint Green
19. Turquoise
20. Skyblue
21. Electric Blue
22. Cobalt Blue
23. Navy
24. Purple
25. Magenta
26. Blush
27. White
28. Silver
29. Gray
30. Black
31. Antique Brown
32. Chocolate Brown
33. Flax
34. Khaki
35. Sand
36. Ivory

### Patterned Cloth Cords
36. White & Gray Dot
37. Gray & Citrus Yellow Dot
38. Neutral Tweed
39. Cool Tweed
40. Warm Tweed
41. Magenta & Orange Stripe
42. Turquoise & Brown Stripe
43. Green Argyle
44. Tung & Yellow Houndstooth
45. Navy & Coral Houndstooth
46. Brown & Ivory Houndstooth
47. Black & White Houndstooth
48. Black & White Zigzag
49. Red & White Zigzag
50. Yellow & White Zigzag

### Metallic Cloth Cords
51. Pearl Metallic
52. Champagne Metallic
53. Yellow Gold Metallic
54. Brass Metallic
55. Copper Metallic
56. Copper Penny
57. Currant Metallic
58. Bronze Metallic
59. Gunmetal
60. Black Patent
61. Black Satin

Printed or on-screen colors are only approximations - consult sample before specifying.