



# NOVA 6

ROUND, DIRECT ILLUMINATION



## SPECIFICATIONS

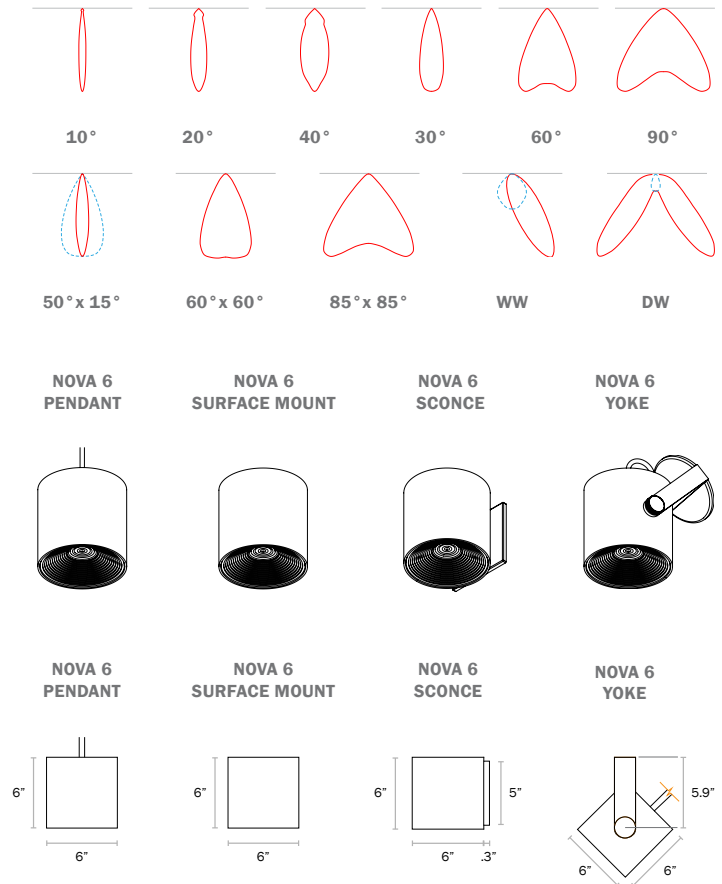
|                    |   |
|--------------------|---|
| PROFILE            | Round   |
| SIZE               | 6" diameter   |
| LED OUTPUT         | 500lm - 3,000lm   |
| CCT/CRI            | 2700K/3000K/3500K/4000K • 90 CRI  |
| DIMMING/<br>DRIVER | Internal, Canopy and Remote Driver: 0-10V, Phase, DALI, DMX, eldoLED, Lutron®, PoE (Molex, Igor, NuLEDs). Dimming to 0% for select models |
| POWER              | 3.7W to 25.2W per fixture   |
| INPUT              | 100VAC or 277VAC<br>Phase dimmable versions are 120VAC only   |
| OPTICS             | 10° - 90° distribution optics, including reflectors, lenses, wall washes and square beam shaping optics. Field replaceable without tools. |
| FINISHES           | Powder coat - TGIC polyester  |
| MATERIAL           | Extruded aluminum with galvanized steel hardware  |
| ENVIRONMENT        | Indoor dry or damp locations  |

## WELL

For UGR values and recommended options that contribute to meeting the WELL Building Standard™ see [WELL addendum](#).

\*Safety and Performance information available on last page. Output and other specifications available on page 9.

## DISTRIBUTIONS & PROFILES



Not to scale. Dimensions are nominal. Consult factory for CAD drawing





## PRODUCT SUBMITTAL QUICK WORKSHEET

|   |   |   |   |   |   |   |   |   |    |    |    |
|---|---|---|---|---|---|---|---|---|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|----|----|----|

**EXAMPLE: NRP6 – 159027R2HL – DRDV00 – SWBK – NLT – EMB**  
1 2 3 4 5 6 7 8 9 10 11 12

| 1. MODEL (CHOOSE 1)       | 2. OUTPUT (CHOOSE 1)         | 3. CRI       | 4. CCT (CHOOSE 1) |
|---------------------------|------------------------------|--------------|-------------------|
| <b>NRP6</b> Pendant       | <b>05</b> <sup>1</sup> 500lm | <b>90</b> 90 | <b>27</b> 2700K   |
| <b>NRM6</b> Surface Mount | <b>08</b> <sup>2</sup> 800lm |              | <b>30</b> 3000K   |
| <b>NRS6</b> Sconce        | <b>10</b> 1000lm             |              | <b>35</b> 3500K   |
| <b>NRY6</b> Yoke          | <b>15</b> 1500lm             |              | <b>40</b> 4000K   |
|                           | <b>20</b> 2000lm             |              |                   |
|                           | <b>25</b> 2500lm             |              |                   |
|                           | <b>30</b> 3000lm             |              |                   |

<sup>1</sup>Available for V01 dimming only.

<sup>2</sup>Available for V00, V01, P01, ELDOVO, DALI, and DMX dimming only.

| 5. OPTICS* (CHOOSE 1)                      | 6. OPTICAL ACCESSORY (CHOOSE 1)         | 7. DRIVER LOCATION* (CHOOSE 1)                                | 8. DIMMING* (CHOOSE 1)                                      |
|--|---|---|---|
| <b>R1</b> 10° Reflector                    | <b>NN</b> None                          | <b>DIRECT TO SURFACE</b>                                      | <b>V00</b> (0-10V, dim to 0%)                               |
| <b>R2</b> 20° Reflector                    | <b>HL</b> <sup>4</sup> Honeycomb Louver | <b>DRD</b> <sup>5</sup> 5" Shallow Canopy, Remote Driver      | <b>V01</b> (0-10V, dim to 1%)                               |
| <b>R4</b> 40° Reflector                    |   | <b>DND</b> <sup>5</sup> 5" Shallow Canopy, Internal Driver    | <b>P01</b> (ELV/TRIAC phase dim to 1%)                      |
| <b>L3</b> 30° Lens                         |   | <b>J-BOX MOUNTING</b>   | <b>ELDVO</b> <sup>8</sup> (elidoLED, 0-10V, dim to 0%)      |
| <b>L6</b> 60° Lens                         |   | <b>JRD</b> <sup>5</sup> 5" Shallow Canopy, Remote Driver      | <b>LDE1</b> <sup>8</sup> (Lutron ECOSYS1, 0-10V, dim to 1%) |
| <b>L9</b> 95° Lens                         |   | <b>JND</b> <sup>5</sup> 5" Shallow Canopy, Internal Driver    | <b>DALI</b> <sup>8</sup> (DALI, dim to 0%)                  |
| <b>S1</b> 50°x 15° Oval Lens               |   | <b>JDD</b> <sup>6,7</sup> 5"- 7.5" Deep Canopy, Canopy Driver | <b>DMX</b> <sup>8</sup> (DMX, dim to 0%)                    |
| <b>S2</b> 60°x 60° Square Lens             |   | <b>C</b> <sup>9,10</sup> No Canopy, Internal Driver, Conduit  | <b>POEM</b> <sup>9</sup> (POE Molex)                        |
| <b>S3</b> 85°x 85° Square Lens             |   |   | <b>POEI</b> <sup>9</sup> (POE IGOR)                         |
| <b>WW</b> Wall Wash Lens                   |   |   | <b>POEN</b> <sup>9</sup> (POE Nuleds)                       |
| <b>DW</b> Dual Wall Wash Lens              |   |   | <b>POE</b> <sup>9,10</sup> (POE Ready)                      |
| <b>GN</b> <sup>3</sup> Glow Narrow Beam    |   |   |   |
| <b>GM</b> <sup>3</sup> Glow Medium Beam    |   |   |   |
| <b>GW</b> <sup>3</sup> Glow Wide Beam      |   |   |   |
| <b>GD</b> <sup>3</sup> Glow Solid Diffuser |   |   |   |

\*Beam angles noted above are nominal.

\*See page 4 for glow optical options.

\*Available for Pendant and Surface Mount only.

<sup>5</sup>See "Dimensions and Mounting" on page 3 to ensure correct driver location specification.  
<sup>6</sup>See "Conduit Options" on page 5 to ensure correct conduit cutout specification.  
<sup>7</sup>See "Dimming/driver location compatibility" on page 9 to ensure correct dimming specification.  
<sup>8</sup>Manually type the conduit option code into the parametric code above.  
<sup>9</sup>Surface Mount does not include a canopy.  
<sup>10</sup>JDD mounting only available with Pendant mounting.  
<sup>11</sup>JDD Deep Canopy diameter depends on LED driver.

\*See "Driver", "Sensor", and "dimming/driver compatibility" charts for sensor and dimming compatibility.  
<sup>12</sup>Third party inverter system recommended for other driver options. Refer to ALW EM Solution Catalog for all compatibility exceptions.  
<sup>13</sup>Available for Deep Canopy or Remote driver only.  
<sup>14</sup>Choose if desired PoE solution not listed. Contact customer service to review and confirm the PoE system of your choice.

| 9. SHELL COLOR* (CHOOSE 1)  | 10. SUSPENSION* (CHOOSE 1)                 | 11. SENSOR OPTIONS* (OPTIONAL CHOOSE 1)                                     | 12. EMERGENCY OPTIONS* (OPTIONAL)          |
|---|--|---|--|
| <b>STANDARD FINISHES</b>  | <b>PENDANT STYLE</b>                       | <b>WLNx</b> (Cooper Wavelinx, remote)                                       | <b>EMB</b> <sup>15</sup> Emergency Battery |
| <b>SW</b> <input type="checkbox"/> Satin White  | <b>BK</b> <sup>11</sup> Black Cord         | <b>ENLGH</b> (Enlighted, remote)  |  |
| <b>SB</b> <input checked="" type="checkbox"/> Satin Black   | <b>WH</b> <sup>11</sup> White Cord         | <b>FCJS</b> (Lutron, remote)  |  |
| <b>AS</b> <input type="checkbox"/> Aluminum Silver Anodized Effect  | <b>CB</b> <sup>11</sup> Clear Braided Cord | <b>FCJS/S</b> (Lutron, remote, occ/daylight sensor)                         |  |
| <b>TB</b> <input checked="" type="checkbox"/> Textured Black  | <b>CC</b> <sup>11,12,13</sup> Color Cord   | <b>MLX</b> (Molex POE, remote)  |  |
| <b>PREMIUM FINISHES</b>   | <b>RS##</b> <sup>14</sup> Rigid Stem       | <b>NLT</b> (nLight wired remote connection)                                 |  |
| — See chart on page 5 for premium finishes. Manually type in the finish code (Ex: OB = Oil-Rubbed Bronze) | <b>SS##</b> <sup>14</sup> Swivel Stem      | <b>NLTAIR</b> (nLight AIR, remote connection, integral occ/daylight sensor) |  |
| <b>SPECIAL ORDER FINISHES*</b>  | <b>YOKE STYLE</b>                          | <b>OS/PH/HV</b> (Hubbel WASP remote occ/daylight sensor)                    |  |
| <b>RAL</b> ____ Specify RAL Classic Color (Ex: RAL 3003)  | <b>SC</b> Standard Canopy                  |   |  |
| <b>CCM</b> ____ Custom Color Match  | <b>RS##</b> <sup>14</sup> Rigid Stem       |   |  |
|   | <b>SS##</b> <sup>14</sup> Swivel Stem      |   |  |

\*See page 6 for finish chart.

\*Manually type the finish code into the parametric code above.

\*Selection not required for Surface Mount and Sconce.

<sup>11</sup>Standard cord length 6ft. For longer cords, type desired length after cord style in product code above.  
(i.e. BK/8 = Black Cord + 8ft cord length)

<sup>12</sup>Available only with Deep Canopy or Remote Driver, 0-10V, ECOSYS1, DMX and DALI. Available with deep canopy, remote, and internal driver for ELC/TRIAC phase dimming.

<sup>13</sup>Type code for desired color into product code above.  
(i.e. CC5/8 = Neon Coral cord + 8ft length)

<sup>14</sup>Type desired stem length (4" -100") into product code above.

\*Default quantity is 1 sensor per fixture, type alternate quantity (/##) into product code above if desired and contact ALW to request price adjustment. Sensor descriptions available on page 10.  
\*Not all sensors are compatible with all drivers. See "Driver", "Sensor" and lamping charts for driver details and sensor compatibility.  
\*Available for remote driver locations only.

\*Emergency options only available with 0-10V driver options. Third party inverter system recommended for other driver options. Refer to ALW EM Solution Catalog for all compatibility exceptions.  
<sup>15</sup>Available for Deep Canopy and Remote drivers only.

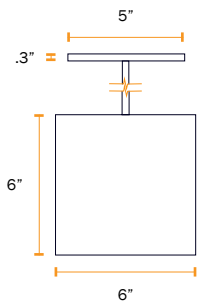
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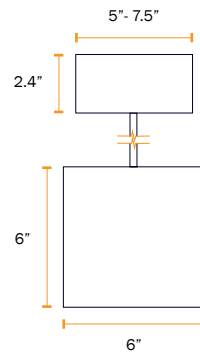
## DIMENSIONS AND MOUNTING

### NOVA 6 PENDANT

DRD, DND, JRD, JND

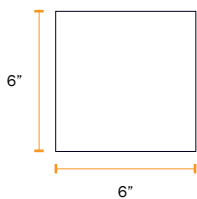


JDD<sup>16</sup>

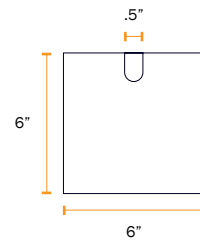


### NOVA 6 SURFACE MOUNT

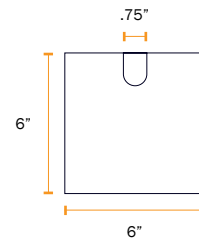
DRD, DND, JRD, JND



1/2" - CONDUIT<sup>17</sup>

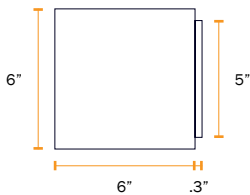


3/4" - CONDUIT<sup>17</sup>



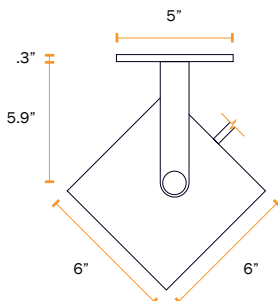
### NOVA 6 SCONCE

DRD, DND, JRD, JND



### NOVA 6 YOKE

DRD, DND, JRD, JND



Not to scale. Dimensions are nominal. Consult factory for CAD drawings  
All canopies fit standard 3.5" and 4" round and octagonal junction boxes.

<sup>16</sup>JDD Deep Canopy diameter depends on LED driver size.

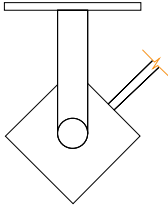
<sup>17</sup>See 'Conduit Options' on page 5 to ensure correct conduit cutout specification.

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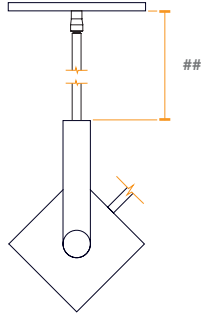
## DIMENSIONS AND MOUNTING

### YOKE STANDARD CANOPY<sup>18</sup>



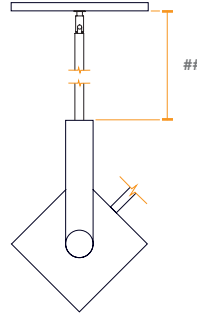
### YOKE RIGID STEM<sup>18</sup>

includes 10° hang straight



### YOKE SWIVEL STEM<sup>18</sup>

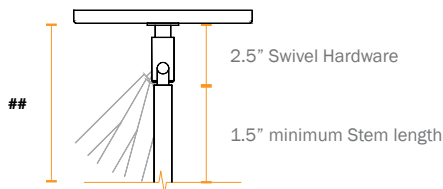
360° rotation x 90° tilt swivel



## = length in inches from bottom of canopy to top of yoke

## PENDANT SUSPENSION OPTIONS

### SWIVEL STEM

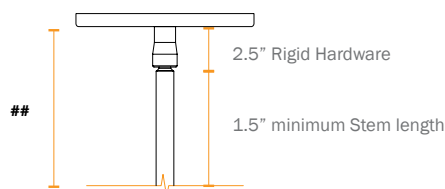


Order Code = **SS##**

## = length in inches from bottom of canopy to top of fixture. Includes the swivel hardware. Minimum length for swivel hardware + stem is 4". Total length (##) for swivel hardware alone is 2.5".

360° rotation x 90° tilt swivel

### RIGID STEM



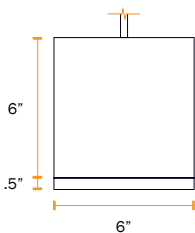
Order Code = **RS##**

## = length in inches from bottom of canopy to top of fixture. Includes the rigid hardware. Minimum length for rigid hardware + stem is 4". Total length (##) for rigid hardware alone is 2.5".

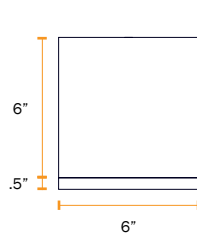
Includes 10° hang straight

## NOVA GLOW DIMENSIONS

### NOVA GLOW RING/DISK PENDANT

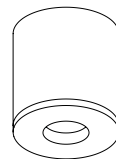


### NOVA GLOW RING/DISK SURFACE MOUNT



## NOVA GLOW OPTICS

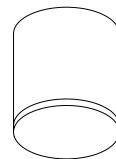
### NOVA GLOW RING



Order Codes

GN = Glow Narrow Beam  
GM = Glow Medium Beam  
GW = Glow Wide Beam

### NOVA GLOW DISK



Order Code

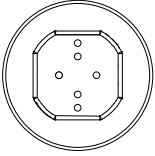
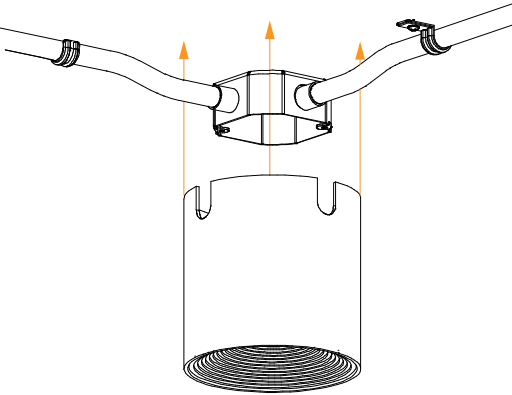
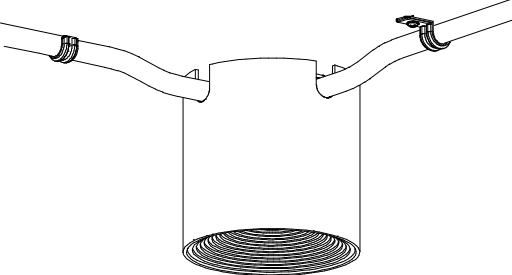
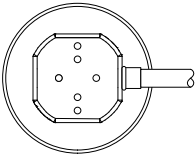
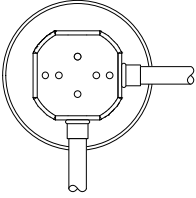
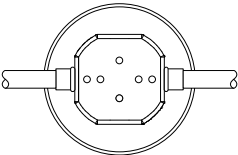
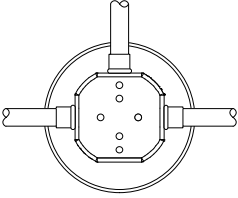
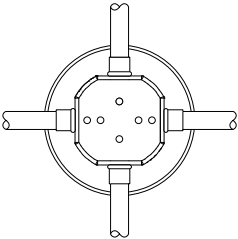
GD = Glow Solid Diffuser

Not to scale. Dimensions are nominal consult factory for CAD drawings.

<sup>18</sup>Shown as JRD/DRD shallow canopy configuration. See page 3 for other configurations.

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## CONDUIT OPTIONS

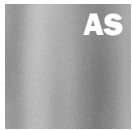
| VARIATION   | 1/2" EMT CONDUIT                                | 3/4" EMT CONDUIT                                | DESCRIPTION   |
|---|---|---|---|
|    | Zero openings<br>Order Code = <b>C00</b>        | Zero openings<br>Order Code = <b>C00</b>        | <p>XX = standard mouse hole variation order code.</p> <p>Standard cutouts are designed to work with 1.5" deep junction boxes.</p>   <p>For other junction box / conduit sizes, please consult factory.<br/>Junction boxes, conduit, and conduit fittings provided by others.</p> |
|    | One opening<br>Order Code = <b>C5E</b>          | One opening<br>Order Code = <b>C7E</b>          |   |
|   | Two openings at 90°<br>Order Code = <b>C5L</b>  | Two openings at 90°<br>Order Code = <b>C7L</b>  |   |
|  | Two openings at 180°<br>Order Code = <b>C5S</b> | Two openings at 180°<br>Order Code = <b>C7S</b> |   |
|  | Three openings<br>Order Code = <b>C5T</b>       | Three openings<br>Order Code = <b>C7T</b>       |   |
|  | Four openings<br>Order Code = <b>C5X</b>        | Four openings<br>Order Code = <b>C7X</b>        |   |



## FINISHES

Standard finishes are available at no additional charge and no extended lead time for standard configurations.

### STANDARD FINISHES



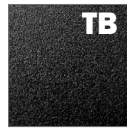
Aluminum Silver  
Anodized Effect



Satin  
White



Satin  
Black



Textured  
Black

### PREMIUM FINISHES

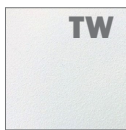
#### BASIC POWDER COAT



Gloss  
White

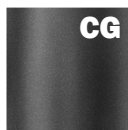


Antimicrobial  
Gloss White

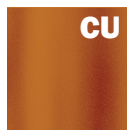


Textured  
Matte  
White

#### METALLIC POWDER COAT



Charcoal  
Gray



Copper



Brass

#### SATIN ANODIZED EFFECT POWDER COAT



Oil-Rubbed  
Bronze



Dark  
Bronze

#### GLOSS POWDER COAT (80-95% GLOSS)



Orange  
RAL 2003



Red  
RAL 3020



Magenta  
RAL 4010



Blue  
RAL 5015

Contact ALW Quotes for sample paint finish swatches.

### SPECIAL ORDER FINISHES\*



#### RAL CLASSIC COLORS (80-95% GLOSS): RAL\_ \_ \_ \_

Most RAL Classic Colors are available for a minimum setup fee. On your specification submittal choose your RAL color by entering the 4-digit RAL code (Ex: RAL 3003). See [www.alw-inc.com/resources/finishes](http://www.alw-inc.com/resources/finishes)



#### CUSTOM COLOR MATCH: CCM\_ \_ \_ \_

Custom powder coat color matching is available for a premium setup fee. Consult ALW for additional information.

\*An individual setup fee will apply to each unique Special Order 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)

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

### CORD OPTIONS



Black  
Order Code = **BK**

Standard cord for  
Yoke suspensions.



White  
Order Code = **WH**



Clear Silver Braid  
Order Code = **CB**



Cloth Cover  
Order Code = **CC**

For remote and deep canopy drivers only.

Specify cloth cord color in  
the suspension section of the part  
number. See page 7 for all cloth cord color  
options.

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## CLOTH CORD COLOR OPTIONS

FOR DAMP AND DRY LOCATIONS ONLY



SPECIFY **CLOTH CORD COLOR** IN SUSPENSION OPTIONS IN PRODUCT CODE. PRINTED OR ON-SCREEN COLORS ARE ONLY APPROXIMATIONS - CONSULT SAMPLE BEFORE SPECIFYING

## 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
62. Electric Blue
21. Cobalt Blue
22. Navy
23. Purple
24. Magenta
25. Blush
26. White
27. Silver
28. Gray
29. Black
30. Antique Brown
31. Chocolate Brown
32. Flax
33. Khaki
34. Sand
35. 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. Turq. & 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

SS092724



## PERFORMANCE DETAILS

| OPTICS OPTION  | CRI         | OUTPUT OPTION | DELIVERED LUMENS <sup>19</sup> | EFFICACY (LM/W) | SYSTEM WATTS(W) | CCT OPTIONS                      |
|--|-------------|---------------|--------------------------------|-----------------|-----------------|----------------------------------|
| <b>R1 - 10°</b><br><b>R2 - 20°</b><br><b>R4 - 40°</b><br><b>L3 - 30°</b><br><b>L6 - 60°</b><br><b>L9 - 90°</b><br><b>S1 - 50° x 15°</b><br><b>S2 - 55° x 55°</b><br><b>S3 - 85° x 85°</b><br><b>GN</b><br><b>GM</b><br><b>GW</b><br><b>GD<sup>20</sup></b> | Ra = 90 ± 3 | 500           | 467                            | 126             | 3.7             | 2700K<br>3000K<br>3500K<br>4000K |
|  |             | 800           | 747                            | 129             | 5.8             |                                  |
|  |             | 1000          | 934                            | 128             | 7.3             |                                  |
|  |             | 1500          | 1401                           | 124             | 11.3            |                                  |
|  |             | 2000          | 1868                           | 118             | 15.8            |                                  |
|  |             | 2500          | 2335                           | 114             | 20.4            |                                  |
|  |             | 3000          | 2802                           | 111             | 25.2            |                                  |

\*Based on L6-60° lens for all outputs, 4000K 90CRI.

\*Refer to IES files for full performance data.

<sup>19</sup>Actual lumens measured in field may differ +/- 10%.

<sup>20</sup>Glow Diffuse optics delivered lumens are up to 35% lower than the specified output.

## TM-30-18 DETAILS (90 CRI LAMPING)

| CCT   | CRI (Ra) | CRI (R9) | TM-30 Rf | TM-30 Rg |
|-------|----------|----------|----------|----------|
| 2700K | 90.5     | 59.7     | 89.4     | 99.6     |
| 3000K | 92.5     | 66.5     | 89.9     | 98.7     |
| 3500K | 93.8     | 74.2     | 89.8     | 98.1     |
| 4000K | 94.2     | 78.8     | 89.8     | 98.5     |





## DRIVERS

| PRODUCT CODE | DESCRIPTION   |
|--------------|---|
| <b>V00</b>   | 0-10V dimming down to 0%  |
| <b>V01</b>   | 0-10V dimming down to 1%  |
| <b>P01</b>   | Driver supports both TRIAC Forward Phase 2-Wire and ELV Reverse Phase 3-Wire dimming controls.        |
| <b>ELDV0</b> | eldoLED, 0-10V dimming down to 0%   |
| <b>DALI</b>  | DALI flicker-free dimming down to 0%.   |
| <b>DMX</b>   | DMX flicker-free dimming down to 0%.  |
| <b>LDE1</b>  | ECOSYS1, (LDE1) Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology |
| <b>POEM</b>  | POE MOLEX. Molex CoreSync PoE LED Driver dimming down to 0.1%   |
| <b>POEI</b>  | IGOR PoE LED Driver. Contact ALW to assist with your project.   |
| <b>POEN</b>  | NuLEDS PoE LED Driver. Contact ALW to assist with your project.                                       |
| <b>POE</b>   | PoE Ready LED Driver. Contact ALW to assist with your project.  |

\*Contact ALW for specific dimming level requests. ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. If there are specific components required for your application that aren't listed on this spec sheet, please contact ALW customer support today to specify a compatible solution of your choice.

| DRIVER/LED LAMPING COMPATIBILITY |                   |                                    |   |
|----------------------------------|-------------------|------------------------------------|---|
|                                  | STANDARD LAMPING* | CA TITLE 24 JA8/JA10 <sup>21</sup> | IEEE P1789 & HD TV STUDIO <sup>22</sup> |
| <b>V00</b>                       | ●                 | ●                                  |   |
| <b>V01</b>                       | ●                 | ●                                  |   |
| <b>P01</b>                       | ●                 | ●                                  |   |
| <b>ELDV0</b>                     | ●                 | ●                                  | ●                                       |
| <b>DALI</b>                      | ●                 | ●                                  | ●                                       |
| <b>DMX</b>                       | ●                 | ●                                  | ●                                       |
| <b>LDE1</b>                      | ●                 | ●                                  | ●                                       |
| <b>POEM</b>                      | PER REQUEST       | ●                                  | ●                                       |
| <b>POEI</b>                      | PER REQUEST       | ●                                  | ●                                       |
| <b>POEN</b>                      | PER REQUEST       | ●                                  | ●                                       |
| <b>POE</b>                       | PER REQUEST       | ●                                  | ●                                       |

| DRIVER LOCATION/DRIVER COMPATIBILITY |          |             |        |
|--------------------------------------|----------|-------------|--------|
|                                      | INTERNAL | DEEP CANOPY | REMOTE |
| <b>V00</b>                           | ●        | ●           | ●      |
| <b>V01</b>                           | ●        | ●           | ●      |
| <b>P01</b>                           | ●        | ●           | ●      |
| <b>ELDV0</b>                         |          | ●           | ●      |
| <b>DALI</b>                          |          | ●           | ●      |
| <b>DMX</b>                           |          | ●           | ●      |
| <b>LDE1</b>                          |          | ●           | ●      |
| <b>POEM</b>                          |          |             | ●      |
| <b>POEI</b>                          |          |             | ●      |
| <b>POEN</b>                          |          |             | ●      |
| <b>POE</b>                           |          |             | ●      |

● - Indicates compatibility

\*Standard lamping - 500-3000LM

<sup>21</sup>Fixtures specified with 90CRI 2700K, 3000K, 3500K, and 4000K lamping with applicable LED drivers have the ability to conform to California Title 24 JA8 and JA10 Appendices.

<sup>22</sup>The following drivers conform to IEEE P1789 Flicker Standard: 'IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers'. These drivers may also be installed in HD TV Studio applications utilizing high frequency camera equipment.

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## SENSORS\*

|                           | PRODUCT CODE    | DESCRIPTION  | DRIVER LOCATION                   | SENSOR LOCATION |
|---------------------------|-----------------|--|-----------------------------------|-----------------|
|                           | <b>N</b>        | None. Choose when sensors are not desired.   | -                                 | -               |
| <b>COOPER</b>             | <b>WLNx</b>     | Fixture is built with 0/10V wiring to connect to Wavelinx Wireless sensors and power/relay packs (sensors and equipment not provided by ALW)   | Internal<br>Deep Canopy<br>Remote | Remote          |
| <b>ENLIGHTED™</b>         | <b>ENLGHT</b>   | Enlighted® remote connected lighting smart sensor - occ/daylight/networking (Enlighted Part: SU-5S-H-CL)   | Remote                            |                 |
| <b>LUTRON VIVE</b>        | <b>FCJS</b>     | Lutron® Vive remote RF wireless fixture control (Lutron Part: FCJS-ECO or FCJS-010)  | Remote                            |                 |
|                           | <b>FCJS/S</b>   | Lutron® Vive remote RF wireless fixture control + daylight/occ sensor (Lutron Part: FCJS-ECO or FCJS-010, & FC-Sensor)   | Remote                            |                 |
| <b>MOLEX POE CORESYNC</b> | <b>MLX</b>      | Molex PoE sensors for use with Molex/PoE drivers. Customer will need to determine who to purchase PoE equipment from.  | Remote                            |                 |
| <b>NLIGHT WIRED®</b>      | <b>NLT</b>      | Fixture is built to connect to nLight Wired remote components specified by agency. Contact ALW to review project details.  | Remote                            |                 |
| <b>NLIGHT WIRELESS®</b>   | <b>NLTAIR</b>   | Fixture is built to connect to nLight Air (Wireless) remote components specified by agency. Contact ALW to review project details.   | Remote                            |                 |
| <b>VALUE SENSORS</b>      | <b>OS/PH/HV</b> | Hubbell WASP <b>High Voltage</b> 0-10V remote surface mount occ/daylight sensor. 120/277/347VAC input (Hubbell Part: WSPDSMUNV)<br><i>Automated Dimming Functionality: Connect fixture 0/10V wires to sensor in the field. Adjust occ/photocell settings as desired.</i><br><i>On/Off or Manual Dimming Functionality: Turn photocell functionality OFF. Cap off 0/10V wires on sensor. Connect fixture 0/10V wires to wall dimmer in the field.</i> | Internal<br>Deep Canopy<br>Remote |                 |

\*All connected lighting sensors/systems must be programmed in the field by an electrical commissioner familiar with the system. Refer to the 'Sensor Compatibility' and 'Driver/Sensor Compatibility' charts to specify compatible sensors, LED lamping, and LED driver systems.

| SENSOR COMPATIBILITY      |                 |                     |                 |             |      |
|---------------------------|-----------------|---------------------|-----------------|-------------|------|
| PRODUCT CODE              |                 | SENSOR TYPE         | MAX MT HT       | CA TITLE 24 | STD* |
| <b>COOPER WAVELINX</b>    | <b>WLNx</b>     |                     | 15 ft           | ●           | ●    |
| <b>ENLIGHTED™</b>         | <b>ENLGHT</b>   | OCCUPANCY/PHOTOCELL | 40 ft           | ●           | ●    |
| <b>LUTRON VIVE</b>        | <b>FCJS</b>     | WIRELESS CONTROL    | 12 ft           | ●           | ●    |
|                           | <b>FCJS/S</b>   | OCCUPANCY/PHOTOCELL | 12 ft           | ●           | ●    |
| <b>MOLEX POE CORESYNC</b> | <b>MLX</b>      |                     | 16 ft           | ●           | ●    |
| <b>NLIGHT WIRED</b>       | <b>NLT</b>      |                     | 15 ft           | ●           | ●    |
| <b>NLIGHT WIRELESS</b>    | <b>NLTAIR</b>   |                     | 15 ft (average) | ●           | ●    |
| <b>VALUE SENSORS</b>      | <b>OS/PH/HV</b> | OCCUPANCY/PHOTOCELL | 45 ft           | ●           | ●    |

● - Indicates compatibility ■ - On/off sensor functionality only

\*Standard lamping (STD) - 500 - 3000LM

| DRIVER/SENSOR COMPATIBILITY |  |        |     |      |        |     |        |          |           |
|-----------------------------|--|--------|-----|------|--------|-----|--------|----------|-----------|
|                             | WLNx   | ENLGHT | MLX | FCJS | FCJS/S | NLT | NLTAIR | OS/PH/HV | NO SENSOR |
| <b>V00</b>                  | ●  | ●      |     | ●    | ●      |     |        | ■        | ●         |
| <b>V01</b>                  | ●  | ●      |     | ●    | ●      |     |        | ■        | ●         |
| <b>P01</b>                  |  |        |     |      |        |     |        | ■        | ●         |
| <b>ELDV0</b>                |  |        |     |      |        | ●   | ●      | ▲        | ●         |
| <b>DALI</b>                 |  |        |     |      |        |     |        | ■        | ●         |
| <b>DMX</b>                  |  |        |     |      |        |     |        | ■        | ●         |
| <b>LDE1</b>                 |  |        |     | ●    | ●      |     |        |          | ●         |
| <b>POEM</b>                 |  |        | ●   |      |        |     |        |          | ●         |
| <b>POEI</b>                 | Sensor types will depend on the PoE system configuration. Contact ALW for details. |        |     |      |        |     |        |          |           |
| <b>POEN</b>                 | Sensor types will depend on the PoE system configuration. Contact ALW for details. |        |     |      |        |     |        |          |           |
| <b>POE</b>                  | Sensor types will depend on the PoE system configuration. Contact ALW for details. |        |     |      |        |     |        |          |           |

● - Indicates compatibility

▲ - Fixture can have automated dimming via sensor OR on/off functionality and manual dimming

■ - On/off sensor functionality only

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## PHOTOMETRICS NOVA

| BEAM<br>ANGLE<br>(°) | POLAR PLOT (CD) | MTG<br>HEIGHT<br>(FT) | LIGHT<br>LEVEL<br>(FC) | BEAM<br>DIAMETER<br>(FT) | SPACING<br>CRITERION (SC) <sup>23</sup><br>(0°- 180°)<br>(90°- 270°) | MAX<br>INTENSITY<br>(CD) |
|----------------------|-----------------|-----------------------|------------------------|--------------------------|--|--------------------------|
| <b>R1<br/>10°</b>    |                 | 6.0                   | 439.8                  | 1.0                      | 0.17<br>0.17   | 15831                    |
|                      |                 | 8.0                   | 247.4                  | 1.3                      |  |                          |
|                      |                 | 10.0                  | 158.3                  | 1.7                      |  |                          |
|                      |                 | 12.0                  | 109.9                  | 2.0                      |  |                          |
|                      |                 | 14.0                  | 80.8                   | 2.4                      |  |                          |
|                      |                 | 16.0                  | 61.8                   | 2.7                      |  |                          |
| <b>R2<br/>20°</b>    |                 | 6.0                   | 124.4                  | 2.3                      | 0.37<br>0.37   | 4478                     |
|                      |                 | 8.0                   | 70.0                   | 3.1                      |  |                          |
|                      |                 | 10.0                  | 44.8                   | 3.8                      |  |                          |
|                      |                 | 12.0                  | 31.1                   | 4.6                      |  |                          |
|                      |                 | 14.0                  | 22.8                   | 5.4                      |  |                          |
|                      |                 | 16.0                  | 17.5                   | 6.1                      |  |                          |
| <b>R4<br/>40°</b>    |                 | 6.0                   | 61.3                   | 4.3                      | 0.63<br>0.63   | 2206                     |
|                      |                 | 8.0                   | 34.5                   | 5.7                      |  |                          |
|                      |                 | 10.0                  | 22.1                   | 7.2                      |  |                          |
|                      |                 | 12.0                  | 15.3                   | 8.6                      |  |                          |
|                      |                 | 14.0                  | 11.3                   | 10.1                     |  |                          |
|                      |                 | 16.0                  | 8.6                    | 11.5                     |  |                          |
| <b>L3<br/>30°</b>    |                 | 6.0                   | 106.4                  | 3.2                      | 0.5<br>0.5   | 3831                     |
|                      |                 | 8.0                   | 59.9                   | 4.2                      |  |                          |
|                      |                 | 10.0                  | 38.3                   | 5.3                      |  |                          |
|                      |                 | 12.0                  | 26.6                   | 6.3                      |  |                          |
|                      |                 | 14.0                  | 19.5                   | 7.4                      |  |                          |
|                      |                 | 16.0                  | 15.0                   | 8.4                      |  |                          |
| <b>L6<br/>60°</b>    |                 | 6.0                   | 35.7                   | 6.7                      | 1.0<br>1.0   | 1466                     |
|                      |                 | 8.0                   | 20.1                   | 8.9                      |  |                          |
|                      |                 | 10.0                  | 12.8                   | 11.1                     |  |                          |
|                      |                 | 12.0                  | 8.9                    | 13.3                     |  |                          |
|                      |                 | 14.0                  | 6.6                    | 15.6                     |  |                          |
|                      |                 | 16.0                  | 5.0                    | 17.8                     |  |                          |
| <b>L9<br/>90°</b>    |                 | 6.0                   | 13.5                   | 11.1                     | 1.58<br>1.58   | 705                      |
|                      |                 | 8.0                   | 7.6                    | 14.8                     |  |                          |
|                      |                 | 10.0                  | 4.9                    | 18.5                     |  |                          |
|                      |                 | 12.0                  | 3.4                    | 22.2                     |  |                          |
|                      |                 | 14.0                  | 2.5                    | 26.0                     |  |                          |
|                      |                 | 16.0                  | 1.9                    | 29.7                     |  |                          |

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## PHOTOMETRICS NOVA

| BEAM<br>ANGLE<br>(°)            | POLAR PLOT (CD) | MTG<br>HEIGHT<br>(FT) | LIGHT<br>LEVEL<br>(FC) | BEAM<br>DIAMETER<br>(FT) | SPACING<br>CRITERION (SC) <sup>23</sup><br>(0°- 180°)<br>(90°- 270°) | MAX<br>INTENSITY<br>(CD) |
|---------------------------------|-----------------|-----------------------|------------------------|--------------------------|--|--------------------------|
| <b>S1</b><br>50° x 15°          |                 | 6.0                   | 98.8                   | 3.7                      | 0.82<br>0.3  | 3618                     |
|                                 |                 | 8.0                   | 55.6                   | 5.0                      |  |                          |
|                                 |                 | 10.0                  | 35.6                   | 6.2                      |  |                          |
|                                 |                 | 12.0                  | 24.7                   | 7.5                      |  |                          |
|                                 |                 | 14.0                  | 18.2                   | 8.7                      |  |                          |
|                                 |                 | 16.0                  | 13.9                   | 10.0                     |  |                          |
| <b>S2</b><br>55° x 55°          |                 | 6.0                   | 34.4                   | 6.3                      | 0.92<br>0.92   | 1317                     |
|                                 |                 | 8.0                   | 19.3                   | 8.4                      |  |                          |
|                                 |                 | 10.0                  | 12.4                   | 10.5                     |  |                          |
|                                 |                 | 12.0                  | 8.6                    | 12.6                     |  |                          |
|                                 |                 | 14.0                  | 6.3                    | 14.7                     |  |                          |
|                                 |                 | 16.0                  | 4.8                    | 16.8                     |  |                          |
| <b>S3</b><br>85° x 85°          |                 | 6.0                   | 15.5                   | 9.5                      | 1.45<br>1.45   | 879                      |
|                                 |                 | 8.0                   | 8.7                    | 12.6                     |  |                          |
|                                 |                 | 10.0                  | 5.6                    | 15.8                     |  |                          |
|                                 |                 | 12.0                  | 3.9                    | 18.9                     |  |                          |
|                                 |                 | 14.0                  | 2.8                    | 22.1                     |  |                          |
|                                 |                 | 16.0                  | 2.2                    | 25.2                     |  |                          |
| <b>WALL<br/>WASH</b>            |                 | 6.0                   | 15.1                   | 5.1                      | 1.77<br>1.13   | 1236                     |
|                                 |                 | 8.0                   | 8.5                    | 6.8                      |  |                          |
|                                 |                 | 10.0                  | 5.4                    | 8.5                      |  |                          |
|                                 |                 | 12.0                  | 3.8                    | 10.2                     |  |                          |
|                                 |                 | 14.0                  | 2.8                    | 11.9                     |  |                          |
|                                 |                 | 16.0                  | 2.1                    | 13.6                     |  |                          |
| <b>DOUBLE<br/>WALL<br/>WASH</b> |                 | 6.0                   | 5.5                    | 7.1                      | 0.88<br>2.7  | 1176                     |
|                                 |                 | 8.0                   | 3.1                    | 9.4                      |  |                          |
|                                 |                 | 10.0                  | 2.0                    | 11.8                     |  |                          |
|                                 |                 | 12.0                  | 1.4                    | 14.1                     |  |                          |
|                                 |                 | 14.0                  | 1.0                    | 16.5                     |  |                          |
|                                 |                 | 16.0                  | 0.8                    | 18.8                     |  |                          |

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## PHOTOMETRICS NOVA GLOW

| BEAM<br>ANGLE<br>(°) | POLAR PLOT (CD) | MTG<br>HEIGHT<br>(FT) | LIGHT<br>LEVEL<br>(FC) | BEAM<br>DIAMETER<br>(FT) | SPACING<br>CRITERION (SC) <sup>23</sup><br>(0°- 180°)<br>(90°- 270°) | MAX<br>INTENSITY<br>(CD) |
|----------------------|-----------------|-----------------------|------------------------|--------------------------|--|--------------------------|
| GN                   |                 | 6.0                   | 247.8                  | 1.3                      | 0.21<br>0.21   | 8922                     |
|                      |                 | 8.0                   | 139.4                  | 1.7                      |  |                          |
|                      |                 | 10.0                  | 89.2                   | 2.2                      |  |                          |
|                      |                 | 12.0                  | 62.0                   | 2.6                      |  |                          |
|                      |                 | 14.0                  | 45.5                   | 3.1                      |  |                          |
|                      |                 | 16.0                  | 34.9                   | 3.5                      |  |                          |
| GM                   |                 | 6.0                   | 89.3                   | 2.2                      | 0.34<br>0.34   | 3216                     |
|                      |                 | 8.0                   | 50.3                   | 2.9                      |  |                          |
|                      |                 | 10.0                  | 32.2                   | 3.7                      |  |                          |
|                      |                 | 12.0                  | 22.3                   | 4.4                      |  |                          |
|                      |                 | 14.0                  | 16.4                   | 5.2                      |  |                          |
|                      |                 | 16.0                  | 12.6                   | 5.9                      |  |                          |
| GW                   |                 | 6.0                   | 56.3                   | 3.9                      | 0.53<br>0.53   | 2025                     |
|                      |                 | 8.0                   | 31.6                   | 5.2                      |  |                          |
|                      |                 | 10.0                  | 20.3                   | 6.5                      |  |                          |
|                      |                 | 12.0                  | 14.1                   | 7.8                      |  |                          |
|                      |                 | 14.0                  | 10.3                   | 9.1                      |  |                          |
|                      |                 | 16.0                  | 7.9                    | 10.4                     |  |                          |
| GD                   |                 | 6.0                   | 10.6                   | 13.2                     | 1.14<br>1.14   | 381                      |
|                      |                 | 8.0                   | 6.0                    | 17.6                     |  |                          |
|                      |                 | 10.0                  | 3.8                    | 22.0                     |  |                          |
|                      |                 | 12.0                  | 2.6                    | 26.4                     |  |                          |
|                      |                 | 14.0                  | 1.9                    | 30.9                     |  |                          |
|                      |                 | 16.0                  | 1.5                    | 35.3                     |  |                          |

\*NOVA Photometric calculations based on 1500lm 4000K 90CRI fixture combination. Actual results may vary in the field.

\*NOVA GLOW Photometric calculations based on NOVA 2 GLOW at 1500lm 4000K 90CRI fixture combination. Actual results may vary in the field.

\*For footcandle and output multipliers refer to the [ALW IES File Multipliers Chart](#).

<sup>23</sup>Spacing criterion refers to maximum distance luminaires can be spaced to provide uniform illumination on the working plane or surface.  
Luminaire spacing = Spacing Criterion (SC) x Mounting Height (MH) (ex. 1.14 (SC) x 10' (MH) = 11.4' Luminaire Spacing).

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## ADDITIONAL OPTIONS & SPECIFICATIONS

### LED PERFORMANCE

> 55,000 hours at 80% lumen maintenance, LM80 / TM-21

### COLOR CONSISTENCY

3 SDCM; 90 CRI typical

### HOUSING

Extruded aluminum with galvanized steel hardware

### SAFETY & REGULATORY

Can be used to comply with **Title 24 JA8 and JA10** requirements. Contact ALW customer support today and we can help you with your project requirements.

UL Listed (U.S. & Canada). Suitable for dry or damp locations. Conforms to UL 1598, 2108, 8750  
Certified to CSA std. CSA C22.2# 9 & #250.0

### OPERATING TEMPERATURE

Luminaire should be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -4 °F to 104 °F ( -20 °C to 40 °C). Luminaire operation in environments outside the listed temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and color consistency.

### CONTROLS, SENSORS, & LED DRIVER

ALW lighting fixtures are intended for use with a wide range of sensors, lighting controls, LED drivers, and building management systems. Our component portfolio is continually expanding to adopt to the latest technologies and specification needs. We currently support integration with Lutron, Enlighted, EldoLED, nLight, Osram, Philips, and more. If there's a component or system needed that you don't see on the spec sheet please contact ALW customer support today so we can review your requirements.

### WARRANTY

LIMITED WARRANTY. Visit [alw-inc.com](http://alw-inc.com) for more information.

### WEIGHT

| NOVA 6           |                  |                  |                  |
|------------------|------------------|------------------|------------------|
| PENDANT          | SURFACE MOUNT    | SCONCE           | YOKE             |
| 3 lbs/<br>1.4 kg | 3 lbs/<br>1.4 kg | 3 lbs/<br>1.4 kg | 3 lbs/<br>1.4 kg |

| NOVA 6 GLOW        |                    |
|--------------------|--------------------|
| PENDANT            | SURFACE MOUNT      |
| 3.8 lbs/<br>1.7 kg | 3.8 lbs/<br>1.7 kg |