

# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC



Declare.



4" Height  
Bevel



8" Height  
Decorative Bevel



12" Height  
Pinhole

True-to-size with a versatile minimalist esthetic, Aera Cylinder luminaires are high-performance fixtures, delivering visually comfortable lighting suitable for a wide range of applications.

### Beam Angles



10° 15° 25° 35° 50° 80° 90°

Low UGR < 10 in 10°, 15°, 25°, 35°, and 50° beams

### Performance

| LUMEN OUTPUT <sup>1</sup> | WATTS | EFFICACY |
|---------------------------|-------|----------|
| 552 lm                    | 7 W   | 79 lm/W  |
| 727 lm                    | 10 W  | 73 lm/W  |

<sup>1</sup> Lumen packages are assuming 3500K, 80 CRI, 35° beam, bevel baffle, SDL lens option.

### Light Source

Static White  
Full Spectrum  
SOLA - Dim-to-Warm  
DUO - Tunable White



### COB

2 Step Color Binning  
Up to 95 CRI

### Drivers / Protocols

1%, 0.1% Dimming Available  
0-10V, TRIAC, ELV, Lutron EcoSystem, DALI, DMX  
Emergency Battery (optional)

 Smart / Wireless Compatible

### Mounting Options



Flat    Conduit    Direct

### Aera Family (Refer to other spec sheets)

#### Downlight



2" / 3" / 4"  
Round / Square  
Recessed Adjustable



2" / 3" / 4"  
Round / Square  
Recessed



2" / 3" / 4"  
Round / Square  
Recessed Wall Wash

#### Multi-aperture



2" / 3" / 4"  
Round / Square  
Recessed Adjustable



2" / 3" / 4"  
Round / Square  
Recessed



2" / 3" / 4"  
Round / Square  
Recessed Wall Wash

#### Cylinder



2" / 3" / 4" / 5"  
4" Seal  
Pendant

Pendant Asymmetric  
Pendant Wall Wash



2" / 3" / 4" / 5"  
4" Seal  
Wall

Wall Asymmetric



2" / 3" / 4" / 5"  
4" Seal  
Surface

Surface Asymmetric  
Surface Wall Wash

# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC



Project: \_\_\_\_\_

Type: \_\_\_\_\_

### Order Guide



For an ENERGY STAR® certified fixture, see page 3.  
For a Title 24 JAB compliant fixture, see page 4.

| LUMINAIRE ID <sup>1</sup>  | DISTRIBUTION      | CYLINDER HEIGHT   | CYLINDER FINISH  | BAFFLE STYLE   | BAFFLE FINISH   |
|--|-------------------|---|--|--|---|
|  | <b>D</b>          |   |  |  |   |
| <b>AE2CYS</b> - Aera 2" Cylinder Surface<br><b>AE2CYSASY</b> - Aera 2" Cylinder Surface Asymmetric<br><br><sup>1</sup> Surface Wall Wash also available. Consult other spec sheet. | <b>D</b> - Direct | <b>4IN</b> <sup>2</sup> - 4"<br><b>8IN</b> - 8"<br><b>12IN</b> - 12"<br><b>CH#IN</b> <sup>3</sup> - Custom height<br><br><sup>2</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers.<br><sup>3</sup> Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# | <b>BVL</b> - Bevel<br><b>PHL</b> - Pinhole<br><b>BVLD</b> - Decorative bevel | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FSPC</b> - Satin silver<br><b>FSSPC</b> - Matte silver<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# |

| LENS *   | LIGHT SOURCE   | BEAM   | COLOR QUALITY   | CRI   | COLOR TEMP.  | ACCESSORIES *   | VOLTAGE   |
|--|--|--|---|---|--|---|---|
| See page 5 for details   |  |  |   |   |  |   |   |
| <b>At baffle</b> (choose 1 option)<br>Specify NOL for Pinhole<br><br><b>SDL</b> - Soft diffused lens, Solite<br><b>FDL</b> - Frosted diffused lens<br><b>CL</b> - Clear lens<br><b>NOL</b> - No lens | <b>SW</b> - Static white<br><b>FS</b> - Full spectrum static white<br><br><b>SOLA</b> - Dim-to-warm single channel control<br><b>DUO</b> - Tunable white 2-channel control | <b>10DEG</b> <sup>4</sup> - 10° Very narrow spot<br><b>15DEG</b> <sup>4</sup> - 15° Narrow spot<br><b>25DEG</b> - 25° Spot<br><b>35DEG</b> - 35° Narrow flood<br><b>50DEG</b> - 50° Wide flood<br><b>80DEG</b> <sup>5</sup> - 80° Very wide flood<br><b>90DEG</b> <sup>5</sup> - 90° Open flood<br><br><sup>4</sup> Not available with full spectrum.<br><sup>5</sup> Not available with Asymmetric. | <b>2STP</b> <sup>6</sup> - 2 Step MacAdam Ellipse<br><b>3STP</b> - 3 Step MacAdam Ellipse<br><br><sup>6</sup> Not available with full spectrum. | <b>80CRI</b> <sup>7</sup> - 80+ CRI<br><b>90CRI</b> <sup>7</sup> - 90+ CRI<br><b>95CRI</b> <sup>26</sup> - 95+ CRI<br><br><sup>7</sup> Not available with full spectrum.<br><sup>26</sup> Not available with 2400K and 5000K. | <b>24K</b> - 2400K<br><b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K<br><b>50K</b> - 5000K<br><br><sup>8</sup> 3500K to 2200K<br><sup>9</sup> 6500K to 2700K | <b>At light element</b> <sup>10,11</sup><br>(choose up to 2 options)<br><br><b>LSDL</b> - Soft diffused lens, Solite<br><b>LFDL</b> - Frosted diffused lens<br><b>LS</b> - Linear spread<br><b>HEX</b> <sup>12</sup> - Hex louver<br><b>NA</b> - None<br><br><sup>10</sup> Separate codes with a "+" if more than one is specified, e.g. LSDL+LS.<br><sup>11</sup> LSDL and LFDL cannot be combined. LS and HEX cannot be combined.<br><sup>12</sup> Not available with 80°/90° beam options. | <b>120V</b> - 120V<br><b>277V</b> - 277V<br><b>UNV</b> - 120V-277V<br><b>347V</b> <sup>13</sup> - 347V<br><br><sup>13</sup> Available with RDI driver only. Please consult factory. |

\* LSDL or LFDL at light element cannot be combined with SDL, FDL, or CL at baffle. For SOLA/DUO, one of the following lenses must be specified: SDL, FDL, LSDL, or LFDL.

| WATTAGE <sup>14</sup>  |   | DIMMING <sup>15</sup>  |  | CANOPY TYPE <sup>21</sup>  | CANOPY FINISH<br>Specify NA for DM  | OPTION <sup>25</sup> |
|--|---|--|--|--|---|----------------------|
|  |   |  |  |  |   | <b>NA</b>            |
| <b>SURFACE</b><br><br><b>7W</b> - 7 W output, up to 560 lm<br><b>10W</b> - 10 W output, up to 736 lm<br><br><sup>14</sup> Lumen outputs are reduced with full spectrum, consult factory. | <b>SURFACE ASY.</b><br><br><b>7W</b> - 7 W output, up to 511 lm<br><b>10W</b> - 10 W output, up to 689 lm     | <b>INTEGRAL</b><br><br><b>DI</b> - 1% 0-10V<br><b>ELV</b> <sup>16</sup> - ELV 120V<br><b>TRI</b> <sup>16</sup> - TRIAC 120V<br><br><sup>15</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details.<br><sup>16</sup> Available with 120V only. | <b>REMOTE</b> <sup>17</sup><br><br><b>RDI</b> - 1% 0-10V<br><b>RELV</b> <sup>18</sup> - ELV 120V<br><b>RTRI</b> <sup>18</sup> - TRIAC 120V<br><b>RLDE1</b> <sup>19</sup> - Lutron Hi-Lume 1% Eco<br><b>RDA</b> <sup>19</sup> - DALI<br><b>RELD1</b> - eldoLED 1% ECOdrive 0-10V<br><b>RELDO</b> - eldoLED 0.1% SOLOdrive 0-10V<br><b>+EB</b> <sup>20</sup> - Emergency battery<br><br><sup>17</sup> A remote driver box is provided, see page 6 for details.<br><sup>18</sup> Available with 120V only.<br><sup>19</sup> On-site commissioning is required.<br><sup>20</sup> For emergency battery, code will be like the following example: RDI+EB. | <b>FLR</b> <sup>22</sup> - Flat round canopy, 4" octagonal junction box<br><b>CDR</b> <sup>22</sup> - Conduit feed, round canopy<br><b>DMNC</b> <sup>23</sup> - Direct mount, new construction<br><b>DMRM</b> <sup>23,24</sup> - Direct mount, remodel<br><br><sup>21</sup> See page 6 for details.<br><sup>22</sup> For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details.<br><sup>23</sup> 4" long cylinders require a remote driver.<br><sup>24</sup> Single wiring entry only. No daisy chain connections allowed. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL#<br><b>NA</b> - Not applicable<br><br><sup>25</sup> To specify an ENERGY STAR certified fixture, see page 3.<br><br>To specify a JAB compliant fixture, see page 4. |                      |
| <b>SOLA</b><br><b>8W</b> - 8 W output, up to 250 lm<br><br><b>DUO</b><br><b>7W</b> - 7 W output, up to 200 lm  | <b>SOLA</b><br><b>8W</b> - 8 W output, up to 200 lm<br><br><b>DUO</b><br><b>7W</b> - 7 W output, up to 180 lm | <b>SOLA</b><br><b>SD1</b> - Single 0-10V input<br><b>SELV</b> <sup>16</sup> - ELV 120V<br><b>STRI</b> <sup>16</sup> - TRIAC 120V   | <b>SOLA</b><br><b>RSD1</b> - Single 0-10V input<br><b>RSELV</b> <sup>16</sup> - ELV 120V<br><b>RSTRI</b> <sup>18</sup> - TRIAC 120V<br><br><b>DUO</b><br><b>RDMX</b> <sup>19</sup> - DMX<br><b>RDDA</b> <sup>19</sup> - DALI DT6<br><b>RDDA8</b> <sup>19</sup> - DALI DT8<br><b>RDDI</b> - Dual 0-10V input for CCT/intensity<br><b>RLD2</b> <sup>19</sup> - Lutron DALI-2 digital   |  |   |                      |



# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC

### ENERGY STAR



Project: \_\_\_\_\_

Type: \_\_\_\_\_



## Order Guide

| LUMINAIRE ID <sup>1</sup>  | DISTRIBUTION      | CYLINDER HEIGHT   | CYLINDER FINISH  | BAFFLE STYLE   | BAFFLE FINISH   |
|--|-------------------|---|--|--|---|
|  | <b>D</b>          |   |  |  |   |
| <b>AE2CYS</b> - Aera 2" Cylinder Surface<br><b>AE2CYSASY</b> - Aera 2" Cylinder Surface Asymmetric<br><br><sup>1</sup> Surface Wall Wash also available. Consult other spec sheet. | <b>D</b> - Direct | <b>4IN</b> <sup>2</sup> - 4"<br><b>8IN</b> - 8"<br><b>12IN</b> - 12"<br><b>CH#IN</b> <sup>3</sup> - Custom height<br><br><sup>2</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers.<br><sup>3</sup> Specify height (#) in 1" increments only.<br>Up to maximum 36".<br>For minimum heights, see page 5. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# | <b>BVL</b> - Bevel<br><b>PHL</b> - Pinhole<br><b>BVLD</b> - Decorative bevel | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FSPC</b> - Satin silver<br><b>FSSPC</b> - Matte silver<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# |

| LENS<br>See page 5 for details   | LIGHT SOURCE             | BEAM  | COLOR QUALITY                        | CRI  | COLOR TEMP.  | ACCESSORIES   | VOLTAGE  |
|--|--------------------------|---|--------------------------------------|--|--|---|--|
|  | <b>SW</b>                |   | <b>2STP</b>                          |  |  | <b>NA</b>   |  |
| <b>At baffle</b> (choose 1 option)<br>Specify NOL for Pinhole<br><br><b>SDL</b> - Soft diffused lens, Solite<br><b>FDL</b> - Frosted diffused lens<br><b>CL</b> - Clear lens<br><b>NOL</b> - No lens | <b>SW</b> - Static white | <b>15DEG</b> - 15° Narrow spot<br><b>25DEG</b> - 25° Spot<br><b>35DEG</b> - 35° Narrow flood<br><b>50DEG</b> - 50° Wide flood | <b>2STP</b> - 2 Step MacAdam Ellipse | <b>90CRI</b> - 90 CRI<br><b>80CRI</b> - 80 CRI | <b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K | <b>At light element</b><br><br><b>NA</b> - Not applicable | <b>120V</b> - 120V<br><b>277V</b> - 277V<br><b>UNV</b> - 120V-277V |

| WATTAGE                              |                                      | DIMMING  |  | CANOPY TYPE <sup>8</sup>   | CANOPY FINISH<br>Specify NA for DM   | OPTION                  |
|--------------------------------------|--------------------------------------|--|--|--|--|-------------------------|
| <b>7W</b>                            |                                      |  |  |  |  | <b>ES</b>               |
| <b>SURFACE</b>                       | <b>SURFACE ASY.</b>                  | <b>INTEGRAL</b>  | <b>REMOTE <sup>5</sup></b>   | <b>FLR</b> <sup>9</sup> - Flat round canopy, 4" octagonal junction box<br><b>CDR</b> <sup>9</sup> - Conduit feed, round canopy<br><b>DMNC</b> <sup>10</sup> - Direct mount, new construction<br><b>DMRM</b> <sup>10,11</sup> - Direct mount, remodel<br><br><sup>8</sup> See page 6 for details.<br><sup>9</sup> For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details.<br><sup>10</sup> 4" long cylinders require a remote driver.<br><sup>11</sup> Single wiring entry only. No daisy chain connections allowed. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL#<br><b>NA</b> - Not applicable | <b>ES</b> - ENERGY STAR |
| <b>7W</b> - 7 W output, up to 560 lm | <b>7W</b> - 7 W output, up to 511 lm | <b>D1</b> - 1% 0-10V<br><b>ELV</b> <sup>4</sup> - ELV 120V<br><b>TRI</b> <sup>4</sup> - TRIAC 120V<br><br><sup>4</sup> Available with 120V only. | <b>RDI</b> - 1% 0-10V<br><b>RELV</b> <sup>6</sup> - ELV 120V<br><b>RTRI</b> <sup>6</sup> - TRIAC 120V<br><b>RLDE1</b> <sup>7</sup> - Lutron Hi-lume 1% Eco<br><br><sup>5</sup> A remote driver box is provided, see page 6 for details.<br><sup>6</sup> Available with 120V only.<br><sup>7</sup> On-site commissioning is required. |  |  |                         |



# AERA 2" CYLINDER

SURFACE, SURFACE ASYMMETRIC

Title 24 JA8



Project: \_\_\_\_\_

Type: \_\_\_\_\_



## Order Guide

| LUMINAIRE ID <sup>1</sup>  | DISTRIBUTION      | CYLINDER HEIGHT   | CYLINDER FINISH  | BAFFLE STYLE   | BAFFLE FINISH   |
|--|-------------------|---|--|--|---|
|  | <b>D</b>          |   |  |  |   |
| <b>AE2CYS</b> - Aera 2" Cylinder Surface<br><b>AE2CYSASY</b> - Aera 2" Cylinder Surface Asymmetric<br><br><sup>1</sup> Surface Wall Wash also available. Consult other spec sheet. | <b>D</b> - Direct | <b>4IN</b> <sup>2</sup> - 4"<br><b>8IN</b> - 8"<br><b>12IN</b> - 12"<br><b>CH#IN</b> <sup>3</sup> - Custom height<br><br><sup>2</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers.<br><sup>3</sup> Specify height (#) in 1" increments only.<br>Up to maximum 36".<br>For minimum heights, see page 5. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# | <b>BVL</b> - Bevel<br><b>PHL</b> - Pinhole<br><b>BVLD</b> - Decorative bevel | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FSPC</b> - Satin silver<br><b>FSSPC</b> - Matte silver<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL# |

| LENS *<br>See page 5 for details   | LIGHT SOURCE                                     | BEAM  | COLOR QUALITY  | CRI                   | COLOR TEMP.  | ACCESSORY *<br>See page 5 for details  | VOLTAGE                                  |
|--|--|---|--|-----------------------|--|--|--|
|  |  |   |  | <b>90CRI</b>          |  |  |  |
| <b>At baffle</b><br>Specify NOL for Pinhole<br><br><b>SDL</b> - Soft diffused lens, Solite<br><b>FDL</b> - Frosted diffused lens<br><b>CL</b> - Clear lens<br><b>NOL</b> - No lens | <b>SW</b> - Static white                         | <b>15DEG</b> - 15° Narrow spot<br><b>25DEG</b> - 25° Spot<br><b>35DEG</b> - 35° Narrow flood<br><b>50DEG</b> - 50° Wide flood<br><b>80DEG</b> <sup>4</sup> - 80° Very wide flood<br><b>90DEG</b> <sup>4</sup> - 90° Open flood<br><br><sup>4</sup> Not available with Asymmetric. | <b>2STP</b> - 2 Step MacAdam Ellipse<br><b>3STP</b> - 3 Step MacAdam Ellipse | <b>90CRI</b> - 90 CRI | <b>27K</b> - 2700K<br><b>30K</b> - 3000K<br><b>35K</b> - 3500K<br><b>40K</b> - 4000K             | <b>At light element</b><br><br><b>LSDL</b> - Soft diffused lens, Solite<br><b>LFDL</b> - Frosted diffused lens<br><b>NA</b> - None | <b>120V</b> - 120V<br><b>277V</b> - 277V |
|  | <b>SOLA</b> - Dim-to-warm single channel control | <b>50DEG</b> - 50° Wide flood   | <b>3STP</b> - 3 Step MacAdam Ellipse   |                       | <b>SOLA</b> <sup>5</sup> - Dim-to-warm single channel control<br><br><sup>5</sup> 3500K to 2200K |  |  |

\* LSDL or LFDL at light element cannot be combined with SDL, FDL, or CL at baffle. For SOLA, one of the following lenses must be specified: SDL, FDL, LSDL, or LFDL.

| WATTAGE  |   | DIMMING   |  | CANOPY TYPE <sup>10</sup>  | CANOPY FINISH<br>Specify NA for DM   | OPTION                     |
|--|---|---|--|--|--|----------------------------|
|  |   |   |  |  |  | <b>JA8</b>                 |
| <b>SURFACE</b><br><br><b>7W</b> - 7 W output, up to 560 lm | <b>SURFACE ASY.</b><br><br><b>7W</b> - 7 W output, up to 511 lm | <b>INTEGRAL</b><br><b>D1</b> - 1% 0-10V<br><b>ELV</b> <sup>6</sup> - ELV 120V<br><b>TRI</b> <sup>6</sup> - TRIAC 120V<br><br><sup>6</sup> Available with 120V only. | <b>REMOTE</b> <sup>7</sup><br><b>RD1</b> - 1% 0-10V<br><b>RELV</b> <sup>8</sup> - ELV 120V<br><b>RTRI</b> <sup>8</sup> - TRIAC 120V<br><b>RLDE1</b> <sup>9</sup> - Lutron Hi-lume 1% Eco<br><br><sup>7</sup> A remote driver box is provided, see page 6 for details.<br><sup>8</sup> Available with 120V only.<br><sup>9</sup> On-site commissioning is required. | <b>FLR</b> <sup>11</sup> - Flat round canopy, 4" octagonal junction box<br><b>CDR</b> <sup>11</sup> - Conduit feed, round canopy<br><b>DMNC</b> <sup>12</sup> - Direct mount, new construction<br><b>DMRM</b> <sup>12,13</sup> - Direct mount, remodel<br><br><sup>10</sup> See page 6 for details.<br><sup>11</sup> For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details.<br><sup>12</sup> 4" long cylinders require a remote driver.<br><sup>13</sup> Single wiring entry only. No daisy chain connections allowed. | <b>FTMW</b> - Matte white<br><b>FTMB</b> - Matte black<br><b>FCHP</b> - Champagne<br><b>FDBZ</b> - Dark bronze<br><b>CF#</b> - Custom finish, specify RAL#<br><b>NA</b> - Not applicable | <b>JA8</b> - JA8 compliant |
| <b>8W</b> - 8 W output, up to 250 lm                       | <b>8W</b> - 8 W output, up to 200 lm                            | <b>SD1</b> - Single 0-10V input<br><b>SELV</b> <sup>6</sup> - ELV 120V<br><b>STRI</b> <sup>6</sup> - TRIAC 120V   | <b>RSD1</b> - Single 0-10V input<br><b>RSELV</b> <sup>8</sup> - ELV 120V<br><b>RSTRI</b> <sup>8</sup> - TRIAC 120V   |  |  |                            |



# AERA 2" CYLINDER

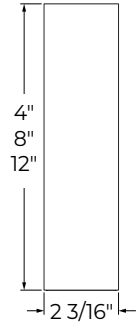
## SURFACE, SURFACE ASYMMETRIC



### Dimensions

#### CYLINDER

Direct

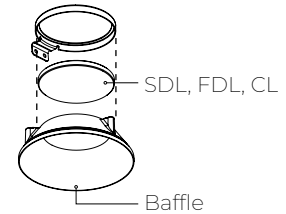
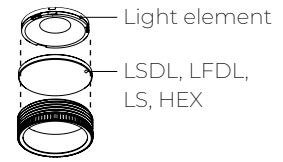


#### Minimum heights - Cylinder

| Size | Integral driver in cylinder | Integral driver in J-box | Remote driver |
|------|-----------------------------|--------------------------|---------------|
| Ø 2" | 7"                          | 4"                       | 4"            |

\*Consult factory for maximum heights.

### Lens and Accessories



#### BAFFLE

| BVL<br>Bevel                             | PHL<br>Pinhole | BVLC<br>Decorative bevel |
|--|----------------|--------------------------|
|  |                |                          |
| <p>■ Baffle finish<br/>■ Matte black</p> |                |                          |
| <br>                                     | <br>           | <br>                     |

# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC



### Mounting

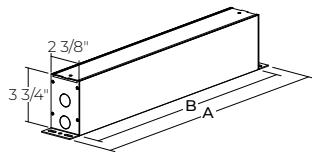
#### CANOPY

| INTEGRAL DRIVER |  |  |   | REMOTE DRIVER                          |  |  |   |  |
|-----------------|--|--|---|--|--|--|---|--|
| Order code      | <b>FLR</b><br>Flat round canopy, 4" octagonal junction box | <b>CDR</b><br>Conduit feed, round canopy | <b>DMNC</b><br>Direct mount, new construction | <b>DMRM *</b><br>Direct mount, remodel | <b>FLR</b><br>Flat round canopy, 4" octagonal junction box | <b>CDR</b><br>Conduit feed, round canopy | <b>DMNC</b><br>Direct mount, new construction | <b>DMRM *</b><br>Direct mount, remodel |
| Canopy type     |  |  |   |  |  |  |   |  |
| Canopy size     | Ø 4 1/2"<br>Height 3/8"                                    | Ø 5 1/2"<br>Height 1 15/16"              | NA  |  | Ø 4 1/2"<br>Height 3/8"                                    | Ø 5 1/2"<br>Height 1 15/16"              | NA  |  |
| Min. height     | 4" (Driver in junction box)<br>8" (Driver in cylinder)     |  |   | 8"                                     | 4"   |  |   |  |

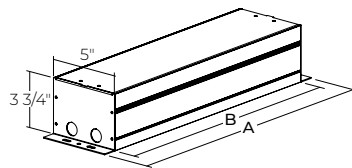
\* Single wiring entry only. No daisy chain connections allowed.

#### REMOTE DRIVER BOX

RDB8 / RDB18 / RDB24



RDB24W



|        | RDB8   | RDB18  | RDB24   | RDB24W   |
|--------|--|--|---|--|
| A      | 10"  | 20"  | 26"   | 26"  |
| B      | 8"   | 18"  | 24"   | 24"  |
| DRIVER | <b>RDI</b> - 1% 0-10V<br><b>RELV</b> - ELV 120V<br><b>RTRI</b> - TRIAC 120V<br><br><b>SOLA</b><br><b>RSDI</b> - Single 0-10V input<br><b>RSELV</b> - ELV 120V<br><b>RSTRI</b> - TRIAC 120V | <b>RLDE1</b> - Lutron Hi-lume 1% Eco<br><b>RDA</b> - DALI<br><b>RELD1</b> - eldoLED 1% ECOdrive 0-10V<br><b>RELD0</b> - eldoLED 0.1% SOLOdrive 0-10V | Emergency battery (+EB) with the following driver options.<br><b>RDI+EB</b> - 1% 0-10V<br><b>RELV+EB</b> - ELV 120V<br><b>RTRI+EB</b> - TRIAC 120V<br><br><b>DUO</b><br><b>RDMX</b> - DMX<br><b>RDDA</b> - DALI DT6<br><b>RDDA8</b> - DALI DT8<br><b>RDD1</b> - Dual 0-10V input for CCT/intensity<br><b>RLD2</b> - Lutron DALI-2 digital | Emergency battery (+EB) with the following driver options.<br><b>RLDE1+EB</b> - Lutron Hi-lume 1% Eco<br><b>RDA+EB</b> - DALI<br><b>RELD1+EB</b> - eldoLED 1% ECOdrive 0-10V<br><b>RELD0+EB</b> - eldoLED 0.1% SOLOdrive 0-10V |

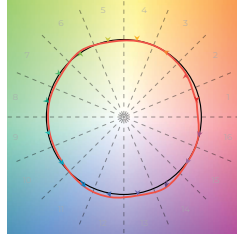
# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC



### Color Quality

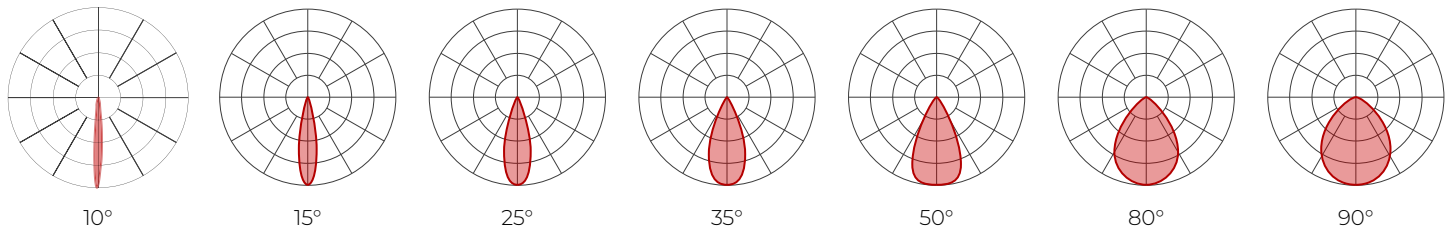
| COLOR QUALITY - 3500K |      |
|-----------------------|------|
| TM-30 R <sub>r</sub>  | 91   |
| TM-30 R <sub>g</sub>  | 100  |
| CRI                   | 90   |
| R9                    | > 50 |



### Photometrics

#### SURFACE

Values calculated based on 3500K, bevel baffle, and SDL lens option.



#### Delivered lumens

| CRI  | 90 CRI |     |     |     |     |     |     | 95 CRI |     |     |     |     |     |     | 80 CRI |     |     |     |     |     |     |
|------|--------|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|
|      | BEAM   | 10° | 15° | 25° | 35° | 50° | 80° | 90°    | 10° | 15° | 25° | 35° | 50° | 80° | 90°    | 10° | 15° | 25° | 35° | 50° | 80° |
| 7 W  | 550    | 479 | 523 | 516 | 495 | 446 | 446 | 423    | 369 | 403 | 397 | 381 | 343 | 343 | 589    | 513 | 560 | 552 | 530 | 477 | 477 |
| 10 W | 740    | 629 | 688 | 679 | 651 | 586 | 586 | 570    | 484 | 530 | 523 | 501 | 451 | 451 | 792    | 673 | 736 | 727 | 697 | 627 | 627 |

#### Efficacy

| CRI  | 90 CRI |     |     |     |     |     |     | 95 CRI |     |     |     |     |     |     | 80 CRI |     |     |     |     |     |     |
|------|--------|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|--------|-----|-----|-----|-----|-----|-----|
|      | BEAM   | 10° | 15° | 25° | 35° | 50° | 80° | 90°    | 10° | 15° | 25° | 35° | 50° | 80° | 90°    | 10° | 15° | 25° | 35° | 50° | 80° |
| 7 W  | 79     | 68  | 75  | 74  | 71  | 64  | 64  | 60     | 53  | 58  | 57  | 54  | 49  | 49  | 84     | 73  | 80  | 79  | 76  | 68  | 68  |
| 10 W | 74     | 63  | 69  | 68  | 65  | 59  | 59  | 57     | 48  | 53  | 52  | 50  | 45  | 45  | 79     | 67  | 74  | 73  | 70  | 63  | 63  |

#### MULTIPLIERS

Please follow the multiplier tables to ensure correct lumen value. Beams, CCT, baffle styles, baffle colors, lensing and accessories will change the lumen value.

| CCT   | BAFFLE STYLE AND COLOR | LENS * (At baffle)  | ACCESSORIES * (At light element) |
|-------|------------------------|---|----------------------------------|
| 2400K | 0.87                   | SDL - Soft diffused lens, Solite  | 1                                |
| 2700K | 0.94                   | FDL - Frosted lens  | 0.8                              |
| 3000K | 0.98                   | CL - Clear lens   | 1.1                              |
| 3500K | 1                      | NOL - No lens   | 1.1                              |
| 4000K | 1.05                   | * When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924 |                                  |
| 5000K | 1.05                   | LSDL - Soft diffused lens, Solite   | 1                                |
|       | Bevel                  | White   | 1                                |
|       |                        | Black   | 1                                |
|       | Pinhole                | White   | 0.92                             |
|       |                        | Black   | 0.92                             |
|       | Decorative bevel       | White   | 1                                |
|       |                        | Black   | 1                                |
|       |                        | LFDL - Frosted lens   | 0.8                              |
|       |                        | LS - Linear spread  | 0.84                             |
|       |                        | HEX - Hex louver  | 0.86                             |

For SOLA and DUO, please consult factory.

# AERA 2" CYLINDER

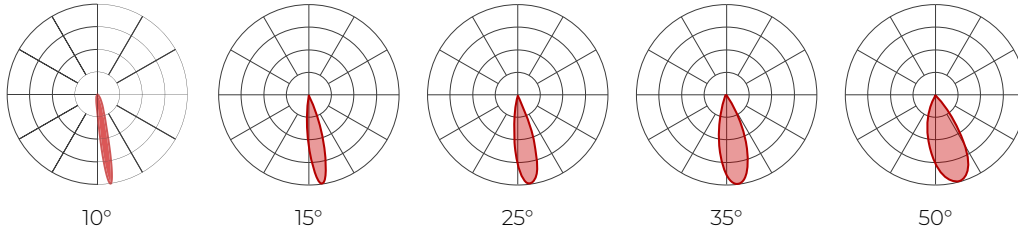
## SURFACE, SURFACE ASYMMETRIC



### Photometrics

#### SURFACE ASYMMETRIC

Values calculated based on 3500K, bevel baffle, and SDL lens option.



#### Delivered lumens

| CRI  | 90 CRI |     |     |     |     | 95 CRI |     |     |     |     | 80 CRI |     |     |     |     |
|------|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
|      | 10°    | 15° | 25° | 35° | 50° | 10°    | 15° | 25° | 35° | 50° | 10°    | 15° | 25° | 35° | 50° |
| 7 W  | 401    | 445 | 461 | 478 | 410 | 309    | 343 | 355 | 368 | 316 | 428    | 476 | 493 | 511 | 439 |
| 10 W | 539    | 599 | 621 | 644 | 552 | 415    | 461 | 478 | 496 | 425 | 577    | 641 | 664 | 689 | 591 |

#### Efficacy

| CRI  | 90 CRI |     |     |     |     | 95 CRI |     |     |     |     | 80 CRI |     |     |     |     |
|------|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|--------|-----|-----|-----|-----|
|      | 10°    | 15° | 25° | 35° | 50° | 10°    | 15° | 25° | 35° | 50° | 10°    | 15° | 25° | 35° | 50° |
| 7 W  | 57     | 64  | 66  | 68  | 59  | 44     | 49  | 51  | 53  | 45  | 61     | 68  | 70  | 73  | 63  |
| 10 W | 54     | 60  | 62  | 64  | 55  | 41     | 46  | 48  | 50  | 43  | 58     | 64  | 66  | 69  | 59  |

#### MULTIPLIERS

Please follow the multiplier tables to ensure correct lumen value. Beams, CCT, baffle styles, baffle colors, lensing and accessories will change the lumen value.

| CCT   |      | BAFFLE STYLE AND COLOR |       |      | LENS * (At baffle)   |     | ACCESSORIES * (At light element)  |      |
|-------|------|------------------------|-------|------|--|-----|-----------------------------------|------|
| 2400K | 0.87 | Bevel                  | White | 1    | SDL - Soft diffused lens, Solite   | 1   | LSDL - Soft diffused lens, Solite | 1    |
| 2700K | 0.94 |                        | Black | 1    | FDL - Frosted lens   | 0.8 | LFDL - Frosted lens               | 0.8  |
| 3000K | 0.98 | Pinhole                | White | 0.92 | CL - Clear lens  | 1.1 | LS - Linear spread                | 0.84 |
| 3500K | 1    |                        | Black | 0.92 | NOL - No lens  | 1.1 | HEX - Hex louver                  | 0.86 |
| 4000K | 1.05 | Decorative bevel       | White | 1    | * When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory.<br>e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924 |     |                                   |      |
| 5000K | 1.05 |                        | Black | 1    |  |     |                                   |      |

For SOLA and DUO, please consult factory.



# AERA 2" CYLINDER

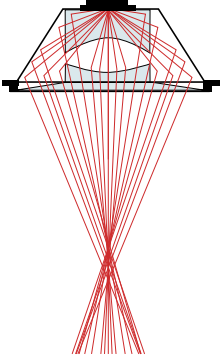
## SURFACE, SURFACE ASYMMETRIC



### Technical Specifications

#### OPTIC

XPoint™ Refraction Technology optics provide precise optical control in a remarkably compact form. Micro optical paths from the chip on board converge and then disperse in precise beam angles, resulting in a crisp and exacting light quality.



#### LIGHT SOURCE

##### Static white

Compact COB (Chip-On-Board) LED module, available in 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K with a choice of 80 CRI, 90 CRI, or 95 CRI, with elevated R9 value for 90 CRI and above. Color consistency is maintained to within 2 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

##### Full spectrum static white

The full spectrum LED option offers improved color particularly in the cyan region which helps increase Cyanosis Observation Index (COI) and assist in regulating circadian rhythms. The cyan region in full spectrum LED is richer at the 480 nm range.

##### Chromawerx SOLA

Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. Two color temperature range options are offered: 3000K to 1800K, and 2700K to 1800K. A simple analog control adjusts a specially populated LED array to emulate the effect of dimming a filament source.

##### Chromawerx DUO

Chromawerx DUO offers a two-channel control system which uses analog or digital protocols for synchronous control of both cool to warm LED arrays - maintaining a CRI above 90. Two color temperature range options are offered: 6500K to 2700K, and 5000K to 2700K. The range of color DUO offers is useful for entraining circadian rhythms, stimulating alertness, and compensating for jet lag among other applications. The Chromawerx drivers are programmed to limit maximum light output and power usage across all color temperatures. When paired with DALI drivers (DDA/DDA8), color tuning follows a linear dimming curve.

#### ELECTRICAL

Unless otherwise specified, dimming down to 1%. At maximum driver load: efficiency > 84%, PF > 0.9, THD < 20%.

**Integral:** 0-10V, ELV, TRIAC

**Remote:** 0-10V, ELV, TRIAC, Lutron Hi-Lume 1% EcoSystem, DALI, eldoLED 0.1% SOLOdrive 0-10V, eldoLED 1% ECOdrive 0-10V, DMX, Lutron DALI-2 digital

**Emergency battery option:** Remotely-installed, long-life, high-temperature, maintenance-free, Bodine Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. IOTA and Fulham options available upon request. Minimum of 90 minutes operation, and recharge time of 24 hours. For fixtures less than 10 W, the battery provides 6 W of emergency light output. For fixtures 10 W and over, the battery provides 10 W.

#### PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

#### CONSTRUCTION

**Housing:** Die-cast and extruded aluminum

**Canopy:** Flat, conduit feed, and direct

**Finish:** Matte white, matte black, champagne, and dark bronze. Custom colors also available (provide RAL #). Satin silver and matte silver finishes are also available for Baffle.

**Heat sink:** Die-cast aluminum

**Baffle:** Die-cast aluminum

**Baffle style:** Bevel, pinhole, and decorative bevel

#### WEIGHT

**4":** 0.6 lbs - 0.3 kg

**8":** 1.2 lbs - 0.6 kg

**12":** 1.5 lbs - 0.7 kg

# AERA 2" CYLINDER

## SURFACE, SURFACE ASYMMETRIC



### LENS AND ACCESSORIES



Soft diffused lens, Solite



Frosted diffused lens



Clear lens



Linear spread



Hex louver

### ENVIRONMENT

Ambient temperature at fixture location shall be within 0°C/32°F - 25°C/77°F, indoor dry or damp as well as outdoor damp use (canopies or marquees).

### CERTIFICATIONS

**ETL:** Rated for indoor dry/damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

**ENERGY STAR:** ENERGY STAR certified

**Title 24 JAB:** California Building Standards Code

**Declare:** [LBC Red List Approved](#)

### WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.