

# AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

# LUMENWERX



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

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

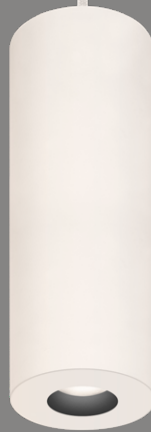
True-to-size with a versatile minimalist aesthetic, Aera Cylinder luminaires are high-performance fixtures, delivering visually comfortable lighting suitable for a wide range of applications.



4" Height  
Bevel



8" Height  
Decorative Bevel



12" Height  
Pinhole

### Beam Angles



### Performance

LUMEN OUTPUT <sup>1</sup>	WATTS	EFFICACY
1481 lm	14 W	106 lm/W
2066 lm	20 W	103 lm/W
2775 lm	28 W	99 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



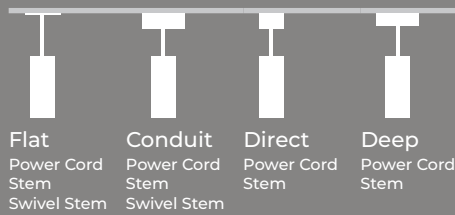
### COB

2 Step Color Binning  
Up to 95 CRI

### Driver

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

### Mounting Options



### Certifications



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

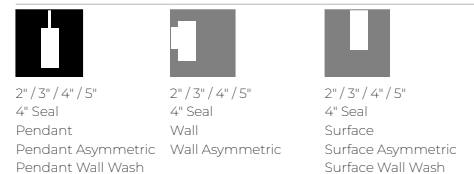
#### Downlight



#### Multi-aperture



#### Cylinder



# AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

# LUMENWERX

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>AE4CYP</b> - Aera 4" Cylinder Pendant <b>AE4CYPASY</b> - Aera 4" Cylinder Pendant Asymmetric  <sup>1</sup> Pendant Wall Wash also available. Consult other spec sheet.	<b>DI</b> - Direct/Indirect <b>D</b> - Direct	<b>DIRECT/INDIRECT</b> <sup>2</sup>	<b>DIRECT</b>	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne finish, specify RAL#	<b>BVL</b> - Bevel <b>BVLD</b> - Decorative bevel	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FSPC</b> - Specular <b>FSSPC</b> - Semi-specular <b>FCHP</b> - Champagne finish, specify RAL#
		<b>6IN</b> - 6" <b>8IN</b> - 8" <b>12IN</b> - 12" <b>CH#IN</b> <sup>4</sup> - Custom height	<b>4IN</b> <sup>3</sup> - 4" <b>8IN</b> - 8" <b>12IN</b> - 12"			

<sup>2</sup> Only available with DR canopy option when specified with integral drivers.  
<sup>3</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers.  
<sup>4</sup> Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5.

LENS * See page 5 for details	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	ACCESSORIES * See page 5 for details	VOLTAGE
<b>At baffle</b> (choose 1 option) Specify NOL for Pinhole  <b>SDL</b> - Soft diffused lens, Solite <b>FDL</b> - Frosted diffused lens <b>CL</b> - Clear lens <b>NOL</b> - No lens	<b>SW</b> - Static white <b>FS</b> - Full spectrum  <b>SOLA</b> - Dim-to-warm single channel control 35K to 22K <b>DUO</b> - Tunable white 2-channel control 65K to 27K	<b>15DEG</b> - 15° Narrow spot <b>25DEG</b> - 25° Spot <b>35DEG</b> - 35° Narrow flood <b>50DEG</b> - 50° Wide flood <b>80DEG</b> <sup>5</sup> - 80° Very wide flood <b>90DEG</b> <sup>5</sup> - 90° Open flood	<b>2STP</b> <sup>6</sup> - 2 Step MacAdam Ellipse <b>3STP</b> - 3 Step MacAdam Ellipse  <sup>6</sup> Not available with full spectrum.	<b>90CRI</b> <sup>7</sup> - 90 CRI <b>95CRI</b> - 95 CRI <b>80CRI</b> <sup>7</sup> - 80 CRI  <sup>7</sup> Not available with full spectrum.	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K  <b>SOLA</b> - Dim-to-warm single channel control 35K to 22K <b>DUO</b> - Tunable white 2-channel control 65K to 27K	<b>At light element</b> <sup>8,9</sup> (choose up to 2 options)  <b>LSDL</b> - Soft diffused lens, Solite <b>LFDL</b> - Frosted diffused lens <b>LS</b> - Linear spread <b>HEX</b> - Hex louver <b>NA</b> - None  <sup>8</sup> If two options are specified, separate codes with a "+", e.g. <b>LSDL+HEX</b> . <sup>9</sup> LSDL and LFDL cannot be combined. LS and HEX cannot be combined.	<b>120V</b> - 120V <b>277V</b> - 277V <b>UNV</b> - 120V-277V <b>347V</b> <sup>10</sup> - 347V  <sup>10</sup> Available with RDI driver only. Please consult factory.
				<sup>5</sup> Not available with Asymmetric. <b>50DEG</b> - 50° Wide flood	<b>3STP</b> - 3 Step MacAdam Ellipse  <b>90CRI</b> - 90 CRI	<b>90CRI</b> - 90 CRI	

\* 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.

DIRECT WATTAGE <sup>11</sup>		INDIRECT WATTAGE <sup>14</sup> Specify NA for Direct	DIMMING <sup>15</sup>		ELECTRICAL
<b>PENDANT</b>  <b>14W</b> - 14 W output, up to 1538 lm <b>20W</b> - 20 W, up to 2146 lm <b>28W</b> <sup>12,13</sup> - 28 W, up to 2882 lm  <sup>11</sup> Lumen outputs are reduced with full spectrum, consult factory. <sup>12</sup> Not available for a Direct/Indirect fixture. <sup>13</sup> Not available with full spectrum.	<b>PENDANT ASY.</b>  <b>14W</b> - 14 W output, up to 1119 lm <b>20W</b> - 20 W, up to 1782 lm <b>28W</b> <sup>12,13</sup> - 28 W, up to 2393 lm	<b>14W</b> - 14 W output, up to 1102 lm <b>20W</b> - 20 W output, up to 1550 lm <b>NA</b> - Not applicable  <sup>14</sup> Lumen outputs are reduced with full spectrum, consult factory.	<b>INTEGRAL</b>  <b>DI</b> - 1% 0-10V <b>ELV</b> <sup>16</sup> - ELV 120V <b>TRI</b> <sup>16</sup> - TRIAC 120V  <sup>15</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details. <sup>16</sup> Available with 120V only.	<b>REMOTE</b> <sup>17</sup>  <b>RDI</b> - 1% 0-10V <b>RELV</b> <sup>18</sup> - ELV 120V <b>RTRI</b> <sup>18</sup> - TRIAC 120V  <sup>17</sup> A remote driver box is provided, see page 7 for details. <sup>18</sup> Available with 120V only.	<b>1C</b> - 1 circuit <b>2C</b> <sup>21</sup> - 2 circuits  <sup>21</sup> Available with Direct/Indirect only.
<b>SOLA</b> <b>25W</b> - 25 W output, up to 1400 lm  <b>DUO</b> <b>19W</b> - 19 W output, up to 1100 lm	<b>SOLA</b> <b>25W</b> - 25 W output, up to 1100 lm  <b>DUO</b> <b>19W</b> - 19 W output, up to 900 lm	<b>SOLA</b> <b>12W</b> - 12 W output, up to 483 lm  <b>DUO</b> <b>11W</b> - 11 W output, up to 305 lm <b>NA</b> - Not applicable	<b>SOLA</b> <b>SDI</b> - Single 0-10V input <b>SELV</b> <sup>16</sup> - ELV 120V <b>STRI</b> <sup>16</sup> - TRIAC 120V	<b>SOLA</b> <b>RSDI</b> - Single 0-10V input <b>RSELV</b> <sup>18</sup> - ELV 120V <b>RSTRI</b> <sup>18</sup> - TRIAC 120V	<b>DUO</b> <b>RDMX</b> <sup>19</sup> - DMX <b>RDDA</b> <sup>19</sup> - DALI DT6 <b>RDDA8</b> <sup>19</sup> - DALI DT8 <b>RDD1</b> - Dual 0-10V input for CCT/Intensity <b>RPSQ0</b> <sup>19</sup> - Lutron T-Series 1% tunable white

CANOPY TYPE <sup>22</sup>	CANOPY FINISH	SUSPENSION	OPTION <sup>37</sup>	
<b>FLR</b> <sup>23,24</sup> - Flat round canopy, 4" octagonal junction box <b>CDR</b> <sup>23,24</sup> - Conduit feed, round canopy <b>DMNC</b> <sup>23,25</sup> - Direct mount, new construction <b>DMRM</b> <sup>23,25,26</sup> - Direct mount, remodel <b>DR</b> <sup>27,28</sup> - Deep round canopy, driver(s) in canopy  <sup>22</sup> See page 6 for details. <sup>23</sup> Direct/Indirect requires a remote driver. <sup>24</sup> 4" long cylinders require a remote driver, or a j-box for integral drivers. See page 6 for details. <sup>25</sup> 4" long cylinders require a remote driver. <sup>26</sup> Single wiring entry only. No daisy chain connections allowed. <sup>27</sup> Available with integral driver only. <sup>28</sup> For Direct, one driver in canopy. For Direct/Indirect, 2 drivers in canopy.	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne finish, specify RAL# <b>CF#</b> - Custom finish, specify RAL#	<b>POWER CORD</b> <sup>29,30</sup> <b>BPC##IN</b> - Black PVC <b>WPC##IN</b> - White PVC <b>CF#F##IN</b> <sup>31,32,33</sup> - Custom color fabric, consult factory  <sup>29</sup> Min 18" - max 72", specify length (##) in inches. <sup>30</sup> Not available with Asymmetric. <sup>31</sup> Not available with DI and SDI dimming options. <sup>32</sup> Not available for DI fixture. <sup>33</sup> Specify fabric color (#).	<b>STEM</b> <sup>34</sup> <b>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN</b> <sup>35</sup> - Textured black swivel stem <b>WHSS##IN</b> <sup>35</sup> - Textured white swivel stem <b>CF#S##IN</b> <sup>36</sup> - Custom finish stem <b>CF#SS##IN</b> <sup>35,36</sup> - Custom finish swivel stem  <sup>34</sup> Min 10" - max 72", specify length (##) in inches. <sup>35</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>36</sup> Specify RAL#.	<b>NA</b> - None  <sup>37</sup> To specify an ENERGY STAR certified fixture, see page 3.  To specify a JAB compliant fixture, see page 4.

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T (514) 225-4304

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# AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT  
ENERGY STAR

# LUMENWERX

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

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



## Order Guide

LUMINAIRE ID <sup>1</sup>	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	<b>D</b>				
<b>AE4CYP</b> - Aera 4" Cylinder Pendant <b>AE4CYPASY</b> - Aera 4" Cylinder Pendant Asymmetric  <sup>1</sup> Pendant Wall Wash also available. Consult other spec sheet.	<b>D</b> - Direct	<b>4IN<sup>2</sup></b> - 4" <b>8IN</b> - 8" <b>12IN</b> - 12" <b>CH#IN<sup>3</sup></b> - Custom height  <sup>2</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers. <sup>3</sup> Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5.	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#	<b>BVL</b> - Bevel <b>PHL</b> - Pinhole <b>BVLD</b> - Decorative bevel	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FSPC</b> - Specular <b>FSSPC</b> - Semi-specular <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#

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

DIRECT WATTAGE	INDIRECT WATTAGE	DIMMING	ELECTRICAL
<b>14W</b>	<b>NA</b>		<b>1C</b>
<b>PENDANT</b>  <b>14W</b> - 14 W output, up to 1538 lm	<b>PENDANT ASY.</b>  <b>14W</b> - 14 W output, up to 1119 lm	<b>NA</b> - Not applicable  <b>INTEGRAL</b> <b>D1</b> - 1% 0-10V <b>ELV<sup>4</sup></b> - ELV 120V <b>TRI<sup>4</sup></b> - TRIAC 120V  <sup>4</sup> Available with 120V only.	<b>REMOTE<sup>5</sup></b> <b>RD1</b> - 1% 0-10V <b>RELV<sup>6</sup></b> - ELV 120V <b>RTRI<sup>6</sup></b> - TRIAC 120V <b>RLDE1<sup>7</sup></b> - Lutron Hi-Lume 1% Eco  <sup>5</sup> A remote driver box is provided, see page 7 for details. <sup>6</sup> Available with 120V only. <sup>7</sup> On-site commissioning is required.

CANOPY TYPE <sup>8</sup>	CANOPY FINISH	SUSPENSION	OPTION
			<b>ES</b>
<b>FLR<sup>9</sup></b> - Flat round canopy, 4" octagonal junction box <b>CDR<sup>9</sup></b> - Conduit feed, round canopy <b>DMNC<sup>10</sup></b> - Direct mount, new construction <b>DMRM<sup>10,11</sup></b> - Direct mount, remodel <b>DR<sup>12</sup></b> - Deep round canopy, driver in canopy  <sup>8</sup> See page 6 for details. <sup>9</sup> 4" long cylinders require a remote driver, or a j-box for integral drivers. See page 6 for details. <sup>10</sup> 4" long cylinders require a remote driver. <sup>11</sup> Single wiring entry only. No daisy chain connections allowed. <sup>12</sup> Available with integral driver only.	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#	<b>POWER CORD<sup>13,14</sup></b> <b>BPC##IN</b> - Black PVC <b>WPC##IN</b> - White PVC <b>CF#F##IN<sup>15,16</sup></b> - Custom color fabric, consult factory  <sup>13</sup> Min 18" - max 72", specify length (##) in inches. <sup>14</sup> Not available with Asymmetric. <sup>15</sup> Not available with D1 dimming option. <sup>16</sup> Specify fabric color (#).	<b>STEM<sup>17</sup></b> <b>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN<sup>18</sup></b> - Textured black swivel stem <b>WHSS##IN<sup>18</sup></b> - Textured white swivel stem <b>CF#S##IN<sup>19</sup></b> - Custom finish stem <b>CF#SS##IN<sup>18,19</sup></b> - Custom finish swivel stem  <sup>17</sup> Min 10" - max 72", specify length (##) in inches. <sup>18</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>19</sup> Specify RAL#.



# AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT  
Title 24 JA8

# LUMENWERX

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

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



## Order Guide

LUMINAIRE ID <sup>1</sup>	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	<b>D</b>				
<b>AE4CYP</b> - Aera 4" Cylinder Pendant <b>AE4CYPASY</b> - Aera 4" Cylinder Pendant Asymmetric  <sup>1</sup> Pendant Wall Wash also available. Consult other spec sheet.	<b>D</b> - Direct	<b>4IN</b> <sup>2</sup> - 4" <b>8IN</b> - 8" <b>12IN</b> - 12" <b>CH#IN</b> <sup>3</sup> - Custom height  <sup>2</sup> Not available with DMNC/DMRM canopy options when specified with integral drivers. <sup>3</sup> Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5.	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#	<b>BVL</b> - Bevel <b>PHL</b> - Pinhole <b>BVLD</b> - Decorative bevel	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FSPC</b> - Specular <b>FSSPC</b> - Semi-specular <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#

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

\* **LSDL** or **LFDL** at light element cannot be combined with **SDL**, **FDL**, or **CL** at baffle.

DIRECT WATTAGE		INDIRECT WATTAGE	DIMMING	ELECTRICAL	
<b>14W</b>		<b>NA</b>		<b>1C</b>	
<b>PENDANT</b>	<b>PENDANT ASY.</b>	<b>NA</b> - Not applicable	<b>INTEGRAL</b>	<b>REMOTE</b> <sup>6</sup>	
<b>14W</b> - 14 W output, up to 1538 lm	<b>14W</b> - 14 W output, up to 1119 lm		<b>D1</b> - 1% 0-10V <b>ELV</b> <sup>5</sup> - ELV 120V <b>TRI</b> <sup>5</sup> - TRIAC 120V  <sup>5</sup> Available with 120V only.	<b>RD1</b> - 1% 0-10V <b>RELV</b> <sup>7</sup> - ELV 120V <b>RTRI</b> <sup>7</sup> - TRIAC 120V <b>RLDE1</b> <sup>8</sup> - Lutron Hi-Lume 1% Eco  <sup>6</sup> A remote driver box is provided, see page 7 for details. <sup>7</sup> Available with 120V only. <sup>8</sup> On-site commissioning is required.	
				<b>1C</b> - 1 circuit	

CANOPY TYPE <sup>9</sup>	CANOPY FINISH	SUSPENSION	OPTION	
			<b>JA8</b>	
<b>FLR</b> <sup>10</sup> - Flat round canopy, 4" octagonal junction box <b>CDR</b> <sup>10</sup> - Conduit feed, round canopy <b>DMNC</b> <sup>11</sup> - Direct mount, new construction <b>DMRM</b> <sup>11,12</sup> - Direct mount, remodel <b>DR</b> <sup>13</sup> - Deep round canopy, driver in canopy  <sup>9</sup> See page 6 for details. <sup>10</sup> 4" long cylinders require a remote driver, or a j-box for integral drivers. See page 6 for details. <sup>11</sup> 4" long cylinders require a remote driver. <sup>12</sup> Single wiring entry only. No daisy chain connections allowed. <sup>13</sup> Available with integral driver only.	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#	<b>POWER CORD</b> <sup>14,15</sup>  <b>BPC##IN</b> - Black PVC <b>WPC##IN</b> - White PVC <b>CF#F##IN</b> <sup>16,17</sup> - Custom color fabric, consult factory  <sup>14</sup> Min 18" - max 72", specify length (##) in inches. <sup>15</sup> Not available with Asymmetric. <sup>16</sup> Not available with D1 dimming option. <sup>17</sup> Specify fabric color (#).	<b>STEM</b> <sup>18</sup>  <b>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN</b> <sup>19</sup> - Textured black swivel stem <b>WHSS##IN</b> <sup>19</sup> - Textured white swivel stem <b>CF#S##IN</b> <sup>20</sup> - Custom finish stem <b>CF#SS##IN</b> <sup>19,20</sup> - Custom finish swivel stem  <sup>18</sup> Min 10" - max 72", specify length (##) in inches. <sup>19</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>20</sup> Specify RAL#.	<b>JA8</b> - JA8 compliant

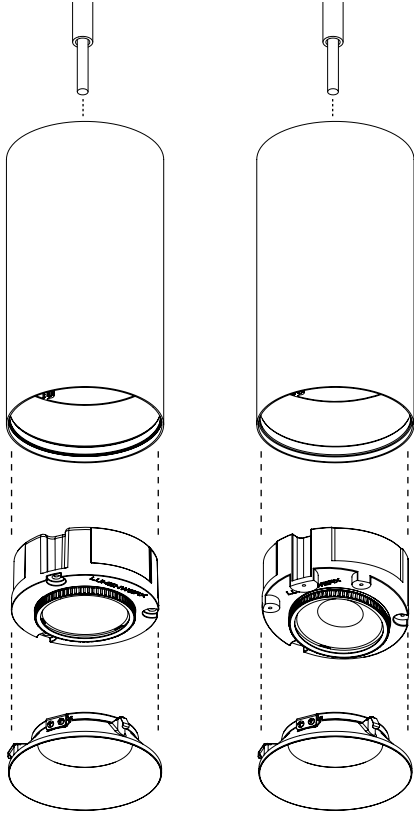


# AERA 4" CYLINDER

LUMENWERX

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

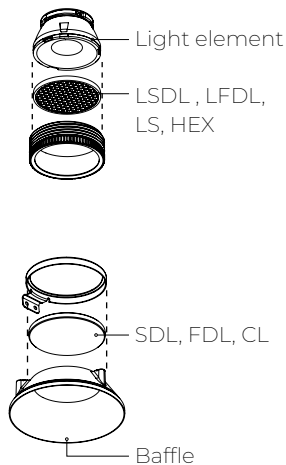
## Overview



**AE4CYP**  
Aera 4"  
Cylinder  
Pendant

**AE4CYPASY**  
Aera 4"  
Cylinder  
Pendant  
Asymmetric

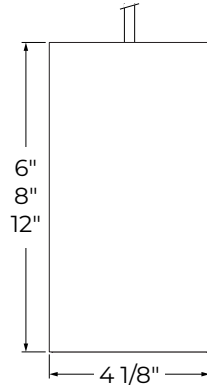
## LENS AND ACCESSORIES



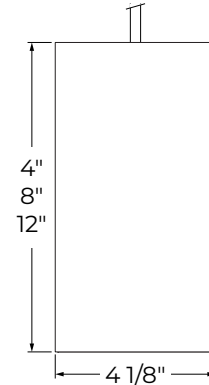
## Dimensions

### CYLINDER

#### Direct/Indirect



#### Direct

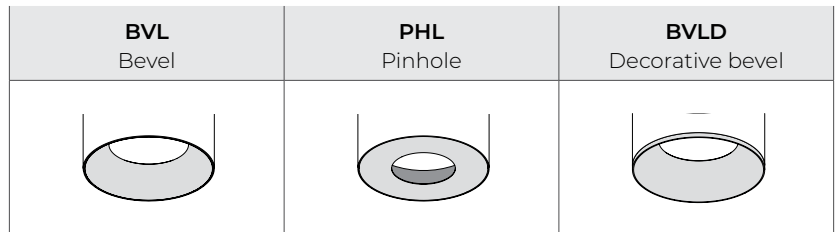


### Minimum heights - Cylinder

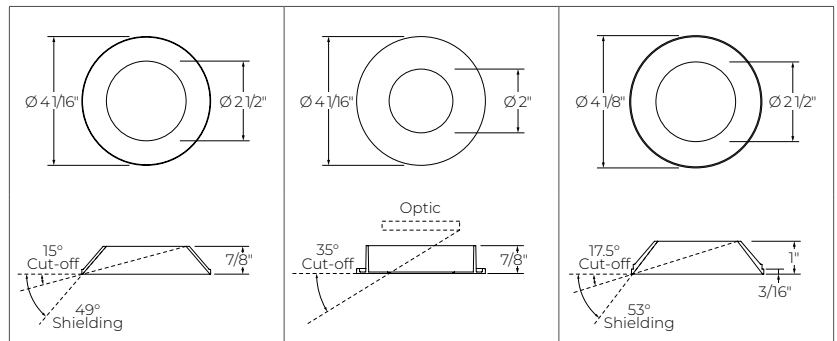
Size	Distribution	Integral driver in cylinder	Integral driver in canopy or J-box	Remote driver
Ø4"	Direct/Indirect	NA	6"	6"
	Direct	8"	4"	4"

\*Consult factory for maximum heights.

## BAFFLE



■ Baffle finish  
■ Textured matte black



# AERA 4" CYLINDER

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DIRECT/INDIRECT, DIRECT

## Mounting

### CANOPY

INTEGRAL DRIVER					
Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	DR Deep round canopy, driver(s) in canopy
Canopy type					
Distribution	Direct				Direct/Indirect Direct
Canopy size	Ø 4 5/8" Height 1/4"	Ø 5 1/2" Height 1 15/16"	Ø 4 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"
Suspension	Power cord, Stem, Swivel stem <sup>1</sup> <sup>1</sup> Not available for 4" long cylinders specified with FLR/CDR.		Power cord, Stem		
Min. height	4" (Driver in junction box) 8" (Driver in cylinder)		8"		D/I - 6" D - 4"
					Single wiring entry only. No daisy chain connections allowed.
					D/I - 2 drivers in canopy D - 1 driver in canopy

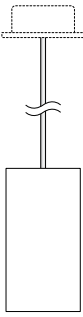
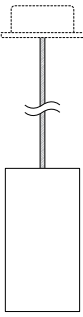
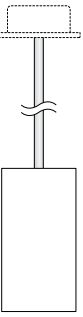
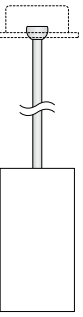
REMOTE DRIVER					
Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	
Canopy type					
Distribution	Direct/Indirect Direct				
Canopy size	Ø 4 5/8" Height 1/4"	Ø 5 1/2" Height 1 15/16"	Ø 4 1/8" Height 2"		
Suspension	Power cord, Stem, Swivel stem		Power cord, Stem		
Min. height	D/I - 6" D - 4"				
					Single wiring entry only. No daisy chain connections allowed.

# AERA 4" CYLINDER

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DIRECT/INDIRECT, DIRECT

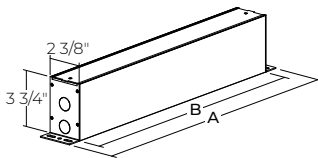
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## SUSPENSION

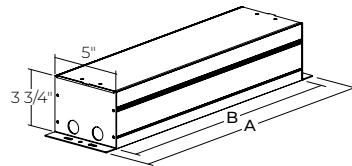
POWER CORD <sup>1</sup>		STEM	
PVC	Fabric <sup>2,3</sup>	Stem	Swivel stem <sup>4</sup>
			
Power Cord Lengths		Stem Lengths	
Min 18" Max 72"	Min 18" Max 72"	Min 10" Max 72"	Min 10" Max 72" Max 45° tilt
<sup>1</sup> Not available with Asymmetric. <sup>2</sup> Not available with DI and SDI dimming options. <sup>3</sup> Not available for DI fixture.		<sup>4</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with CDR and integral driver.	

## REMOTE DRIVER BOX

RDB8 / RDB18 / RDB24



RDB24W



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

# AERA 4" CYLINDER

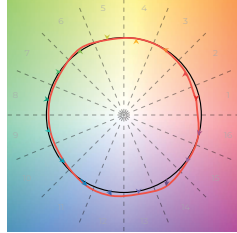
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## Color Quality

### COLOR QUALITY - 3500K

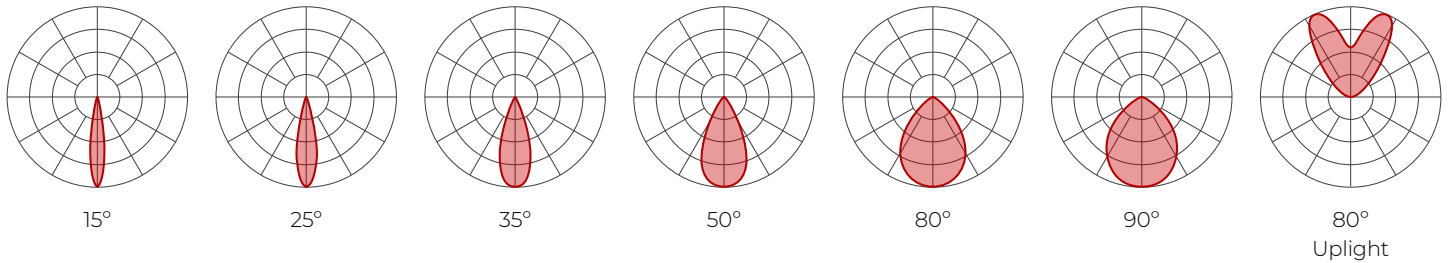
TM-30 Rr	90
TM-30 Ra	100
CRI	90
R9	> 50



## Photometrics

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

### PENDANT



### Delivered Lumens for Bevel Baffles - At 35K, with SDL lens option

CRI	90 CRI							95 CRI							80 CRI						
	BEAM	15	25	35	50	80	90	Uplight	15	25	35	50	80	90	Uplight	15	25	35	50	80	90
14 W	1399	1437	1384	1356	1220	1220	1029	1077	1106	1066	1044	940	940	792	1497	1538	1481	1451	1306	1306	1102
20 W	1952	2006	1931	1893	1704	1704	1448	1503	1545	1487	1458	1312	1312	1114	2089	2146	2066	2026	1823	1823	1550
28 W	2621	2693	2593	2541	2287	2287	NA	2018	2074	1997	1957	1761	1761	NA	2804	2882	2775	2719	2447	2447	NA

### Efficacy Based on Delivered Lumens

CRI	90 CRI							95 CRI							80 CRI						
	BEAM	15	25	35	50	80	90	Uplight	15	25	35	50	80	90	Uplight	15	25	35	50	80	90
14 W	100	103	99	97	87	87	74	77	79	76	75	67	67	57	107	110	106	104	93	93	79
20 W	98	100	97	95	85	85	72	75	77	74	73	66	66	56	104	107	103	101	91	91	78
28 W	94	96	93	91	82	82	NA	72	74	71	70	63	63	NA	100	103	99	97	87	87	NA

### MULTIPLIERS

CCT	BAFFLE STYLE AND COLOR			LENS * (At baffle)		ACCESSORIES * (At light element)		
2700K	0.9	Bevel	White	1	SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1
3000K	0.95		Black	1		FDL - Frosted lens		0.8
3500K	1	Pinhole	White	0.92	CL - Clear lens		1.1	LS - Linear spread
4000K	1.05		Black	0.92		NOL - No lens	1.1	
For SOLA and DUO, please consult factory.		Decorative bevel	White	1	* When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + HEX = 1.1 x 1 x 0.86 = 0.946			
			Black	1				

### DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\left( \frac{\text{DIRECT DELIVERED LM} + \text{UPLIGHT DELIVERED LM}}{\text{DIRECT WATTAGE} + \text{UPLIGHT WATTAGE}} \right) = \text{EFFICACY}$$



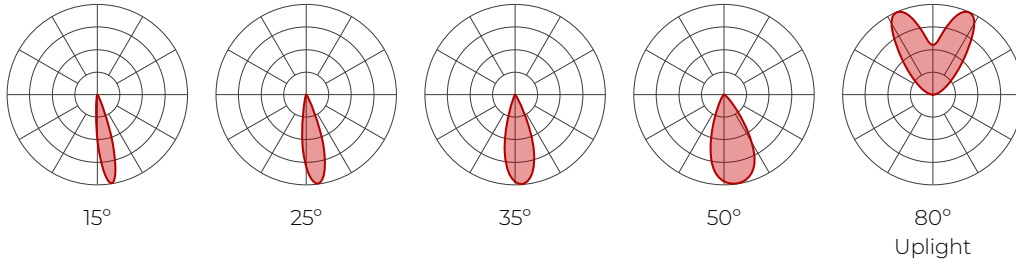
# AERA 4" CYLINDER

**LUMENWERX**

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

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

## PENDANT ASYMMETRIC



Delivered Lumens for Bevel Baffles - At 35K, with SDL lens option

CRI	90 CRI					95 CRI					80 CRI				
	BEAM	15	25	35	50	Uplight	15	25	35	50	Uplight	15	25	35	50
14 W	977	1025	1018	1046	1029	752	789	784	805	792	1045	1097	1089	1119	1102
20 W	1556	1632	1621	1665	1448	1198	1257	1248	1282	1114	1665	1746	1734	1782	1550
28 W	2089	2191	2176	2236	NA	1609	1687	1676	1722	NA	2235	2344	2328	2393	NA

Efficacy Based on Delivered Lumens

CRI	90 CRI					95 CRI					80 CRI				
	BEAM	15	25	35	50	Uplight	15	25	35	50	Uplight	15	25	35	50
14 W	70	73	73	75	74	54	56	56	58	57	75	78	78	80	79
20 W	78	82	81	83	72	60	63	62	64	56	83	87	87	89	78
28 W	75	78	78	80	NA	57	60	60	61	NA	80	84	83	85	NA

## MULTIPLIERS

CCT		BAFFLE STYLE AND COLOR			LENS * (At baffle)		ACCESSORIES * (At light element)	
2700K	0.9	Bevel	White	1	SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1
3000K	0.95		Black	1	FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8
3500K	1	Pinhole	White	0.92	CL - Clear lens	1.1	LS - Linear spread	0.84
4000K	1.05		Black	0.92	NOL - No lens	1.1	HEX - Hex louver	0.86
For SOLA and DUO, please consult factory.		Decorative bevel	White	1	* When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + HEX = 1.1 x 1 x 0.86 = 0.946			
			Black	1				

## DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\frac{\left( \begin{array}{c} \text{DIRECT} \\ \text{DELIVERED LM} \end{array} + \begin{array}{c} \text{UPLIGHT} \\ \text{DELIVERED LM} \end{array} \right)}{\left( \begin{array}{c} \text{DIRECT} \\ \text{WATTAGE} \end{array} + \begin{array}{c} \text{UPLIGHT} \\ \text{WATTAGE} \end{array} \right)} = \text{EFFICACY}$$

# AERA 4" CYLINDER

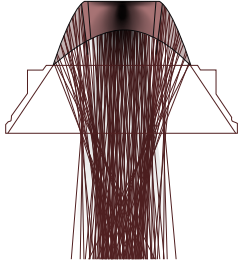
PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

# LUMENWERX

## 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

Compact COB (Chip-On-Board) LED module, available in 2700K, 3000K, 3500K and 4000K 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. Optional full spectrum LEDs can be incorporated in the fixture to increase Cyanosis Observation Index (COI) and assist in regulating circadian rhythms.

### CHROMAWERX

#### Chromawerx SOLA

Chromawerx SOLA is single-channel control that dims output while warming the color temperature in a pre-determined relationship. 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 (6500K) to warm (2700K) LED arrays - maintaining a CRI above 90. 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 T-series (tunable white).

**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 10W, the battery provides 6W of emergency light output. For fixtures 10W and over, the battery provides 10W.

### 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), 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.

**Power Cord:** Black and white PVC, custom color fabric. 18" to 72" standard length (Pendant option only).

**Stem:** Rigid stem and swivel stem 10" to 72" standard length

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

**Finish:** Textured matte white, black, and champagne. Custom colors also available (provide RAL #). Specular and semi-specular finishes are also available for Baffle.

**Heat sink:** Die-cast aluminum.

### WEIGHT

Direct/Indirect	Direct
6" - 3 lbs - 1.4 kg	4" - 2.2 lbs - 1 kg
8" - 3.4 lbs - 1.5 kg	8" - 2.9 lbs - 1.3 kg
12" - 4 lbs - 1.8 kg	12" - 3.4 lbs - 1.5 kg

# AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC  
DIRECT/INDIRECT, DIRECT

# LUMENWERX

## BAFFLE

Die-cast aluminum

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

## 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 JA8** - California Building Standards Code

## 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.