

# AERA 4" CYLINDER

PENDANT WALL WASH  
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



8" Height



12" Height

### Beam Angles



Low UGR < 10

### Performance

LUMEN OUTPUT <sup>1</sup>	WATTS	EFFICACY
763 lm	14 W	54 lm/W
1216 lm	20 W	61 lm/W
1632 lm	28 W	58 lm/W

<sup>1</sup>Lumen packages are assuming 3500K, 80 CRI.

### Light Source

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



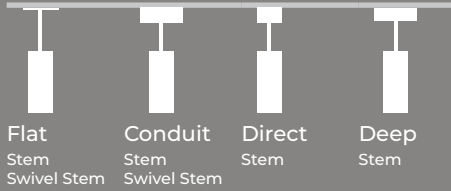
### COB

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



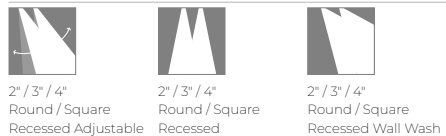
### Aera Family (Refer to other spec sheets)

#### Downlight



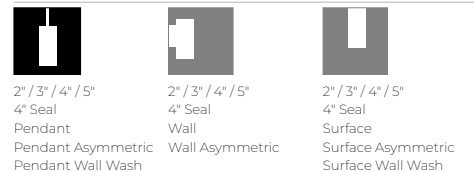
2" / 3" / 4" Round / Square Recessed Adjustable  
2" / 3" / 4" Round / Square Recessed  
2" / 3" / 4" Round / Square Recessed Wall Wash

#### 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  
2" / 3" / 4" / 5" 4" Seal Wall Asymmetric  
2" / 3" / 4" / 5" 4" Seal Surface Asymmetric Surface Wall Wash



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## Order Guide



For an ENERGY STAR® certified fixture, see page 3.  
For a Title 24 JA8 compliant fixture, see page 4.

LUMINAIRE ID <sup>1</sup>	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
<b>AE4CYPWW</b>				<b>WW</b>	
<b>AE4CYPWW</b> - Aera 4" Cylinder Pendant Wall Wash  <sup>1</sup> Pendant (direct) and Pendant Asymmetric also available. Consult other spec sheet.	<b>DI</b> - Direct/Indirect <b>D</b> - Direct	<b>DIRECT/INDIRECT <sup>2</sup></b> <b>6IN</b> - 6" <b>8IN</b> - 8" <b>12IN</b> - 12"  <b>CH#IN <sup>4</sup></b> - Custom height	<b>DIRECT</b> <b>4IN <sup>3</sup></b> - 4" <b>8IN</b> - 8" <b>12IN</b> - 12"	<b>FTMW</b> - Textured matte white <b>FTMB</b> - Textured matte black <b>FCHP</b> - Champagne <b>CF#</b> - Custom finish, specify RAL#	<b>WW</b> - Wall wash  <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#
		<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	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
<b>WW</b>		<b>WW</b>				
<b>WW</b> - Wall wash diffuser	<b>SW</b> - Static white <b>FS</b> - Full spectrum	<b>WW</b> - Wall wash	<b>2STP <sup>5</sup></b> - 2 Step MacAdam Ellipse <b>3STP</b> - 3 Step MacAdam Ellipse  <sup>5</sup> Not available with full spectrum.	<b>90CRI <sup>6</sup></b> - 90 CRI <b>95CRI</b> - 95 CRI <b>80CRI <sup>6</sup></b> - 80 CRI  <sup>6</sup> Not available with full spectrum.	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>35K</b> - 3500K <b>40K</b> - 4000K	<b>120V</b> - 120V <b>277V</b> - 277V <b>UNV</b> - 120V-277V <b>347V <sup>7</sup></b> - 347V  <sup>7</sup> Available with RDI driver only. Please consult factory.
	<b>SOLA</b> - Dim-to-warm single channel control 35K to 22K <b>DUO</b> - Tunable white 2-channel control 65K to 27K		<b>3STP</b> - 3 Step MacAdam Ellipse  <b>90CRI</b> - 90 CRI	<b>SOLA</b> - Dim-to-warm single channel control 35K to 22K <b>DUO</b> - Tunable white 2-channel control 65K to 27K		

DIRECT WATTAGE <sup>8</sup>	INDIRECT WATTAGE <sup>10</sup> Specify NA for Direct	DIMMING <sup>11</sup>		ELECTRICAL
<b>14W</b> - 14 W output, up to 763 lm <b>20W</b> - 20 W output, up to 1216 lm <b>28W <sup>9</sup></b> - 28 W output, up to 1632 lm  <sup>8</sup> Lumen outputs are reduced with full spectrum, consult factory. <sup>9</sup> Not available for a Direct/Indirect fixture.	<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>10</sup> Lumen outputs are reduced with full spectrum, consult factory.	<b>INTEGRAL</b> <b>DI</b> - 1% 0-10V <b>ELV <sup>12</sup></b> - ELV 120V <b>TRI <sup>12</sup></b> - TRIAC 120V  <sup>11</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details. <sup>12</sup> Available with 120V only.	<b>REMOTE <sup>13</sup></b> <b>RDI</b> - 1% 0-10V <b>RELV <sup>14</sup></b> - ELV 120V <b>RTRI <sup>14</sup></b> - TRIAC 120V  <sup>13</sup> A remote driver box is provided, see page 7 for details. <sup>14</sup> Available with 120V only.	<b>1C</b> - 1 circuit <b>2C <sup>17</sup></b> - 2 circuits  <sup>17</sup> Available with Direct/Indirect only.
<b>SOLA</b> <b>25W</b> - 25 W output, up to 1442 lm  <b>DUO</b> <b>19W</b> - 19 W output, up to 992 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 <sup>12</sup></b> - ELV 120V <b>STRI <sup>12</sup></b> - TRIAC 120V	<b>SOLA</b> <b>RSDI</b> - Single 0-10V input <b>RSELV <sup>14</sup></b> - ELV 120V <b>RSTRI <sup>14</sup></b> - TRIAC 120V	<b>DUO</b> <b>RDMX <sup>15</sup></b> - DMX <b>RDDA <sup>15</sup></b> - DALI DT6 <b>RDDA8 <sup>15</sup></b> - DALI DT8 <b>RDD1</b> - Dual 0-10V input for CCT/intensity <b>RPSQO <sup>15</sup></b> - Lutron T-Series 1% tunable white

CANOPY TYPE <sup>18</sup>	CANOPY FINISH	SUSPENSION <sup>25</sup>	OPTION <sup>28</sup>
<b>FLR <sup>19,20</sup></b> - Flat round canopy, 4" octagonal junction box <b>CDR <sup>19,20</sup></b> - Conduit feed, round canopy <b>DMNC <sup>19,21</sup></b> - Direct mount, new construction <b>DMRM <sup>19,21,22</sup></b> - Direct mount, remodel <b>DR <sup>23,24</sup></b> - Deep round canopy, driver(s) in canopy  <sup>18</sup> See page 6 for details. <sup>19</sup> Direct/Indirect requires a remote driver. <sup>20</sup> 4" long cylinders require a remote driver, or a j-box for integral drivers. See page 6 for details. <sup>21</sup> 4" long cylinders require a remote driver. <sup>22</sup> Single wiring entry only. No daisy chain connections allowed. <sup>23</sup> Available with integral driver only. <sup>24</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 <b>CF#</b> - Custom finish, specify RAL#	<b>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN <sup>26</sup></b> - Textured black swivel stem <b>WHSS##IN <sup>26</sup></b> - Textured white swivel stem <b>CF#S##IN <sup>27</sup></b> - Custom finish stem <b>CF#SS##IN <sup>26,27</sup></b> - Custom finish swivel stem  <sup>25</sup> Min 10" - max 72", specify length (##) in inches. <sup>26</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>27</sup> Specify RAL#.	<b>NA</b> - None  <sup>28</sup> To specify an ENERGY STAR certified fixture, see page 3.  To specify a JA8 compliant fixture, see page 4.



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ENERGY STAR

# LUMENWERX

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



## Order Guide

LUMINAIRE ID <sup>1</sup>	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
<b>AE4CYPWW</b>	<b>D</b>			<b>WW</b>	
<b>AE4CYPWW</b> - Aera 4" Cylinder Pendant Wall Wash  <sup>1</sup> Pendant (direct) and Pendant Asymmetric 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>WW</b> - Wall wash	<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	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
<b>WW</b>	<b>SW</b>	<b>WW</b>	<b>2STP</b>			
<b>WW</b> - Wall wash diffuser	<b>SW</b> - Static white	<b>WW</b> - Wall wash	<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>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>14W</b> - 14 W output, up to 763 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>RLDEI<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 <sup>13</sup>	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>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN<sup>14</sup></b> - Textured black swivel stem <b>WHSS##IN<sup>14</sup></b> - Textured white swivel stem <b>CF##S##IN<sup>15</sup></b> - Custom finish stem <b>CF##SS##IN<sup>14,15</sup></b> - Custom finish swivel stem  <sup>13</sup> Min 10" - max 72"; specify length (##) in inches. <sup>14</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>15</sup> Specify RAL#.	<b>ES</b> - ENERGY STAR



# AERA 4" CYLINDER

PENDANT WALL WASH  
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>AE4CYPWW</b>	<b>D</b>			<b>WW</b>	
<b>AE4CYPWW</b> - Aera 4" Cylinder Pendant Wall Wash  <sup>1</sup> Pendant (direct) and Pendant Asymmetric 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>WW</b> - Wall wash	<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	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
<b>WW</b>	<b>SW</b>	<b>WW</b>		<b>90CRI</b>		
<b>WW</b> - Wall wash diffuser	<b>SW</b> - Static white	<b>WW</b> - Wall wash	<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>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>14W</b> - 14 W output, up to 763 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 <sup>13</sup>	OPTION
			<b>JA8</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>BKS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN<sup>14</sup></b> - Textured black swivel stem <b>WHSS##IN<sup>14</sup></b> - Textured white swivel stem <b>CF##IN<sup>15</sup></b> - Custom finish stem <b>CF##SS##IN<sup>14,15</sup></b> - Custom finish swivel stem  <sup>13</sup> Min 10" - max 72"; specify length (##) in inches. <sup>14</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>15</sup> Specify RAL#.	<b>JA8</b> - JA8 compliant

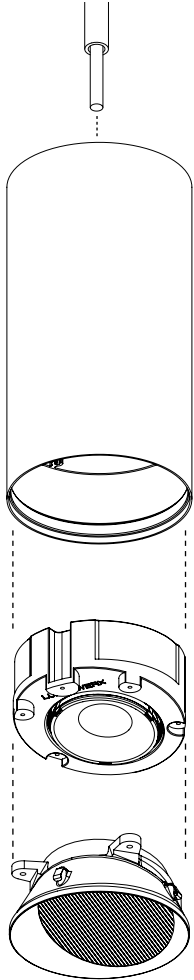


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**LUMENWERX**

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DIRECT/INDIRECT, DIRECT

## Overview

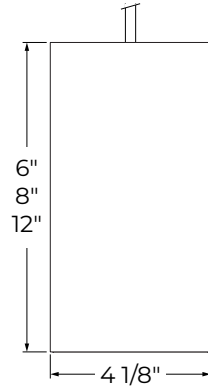


**AE4CYPWW**  
Aera 4"  
Cylinder  
Pendant  
Wall Wash

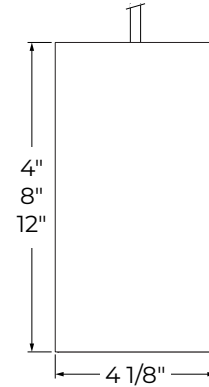
## Dimensions

### CYLINDER

Direct/Indirect



Direct

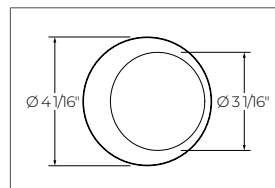
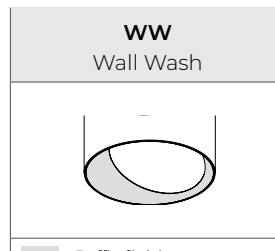


### Minimum heights - Cylinder

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



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## 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	Stem, Swivel stem <sup>1</sup> <small><sup>1</sup>Not available for 4" long cylinders specified with FLR/CDR.</small>		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

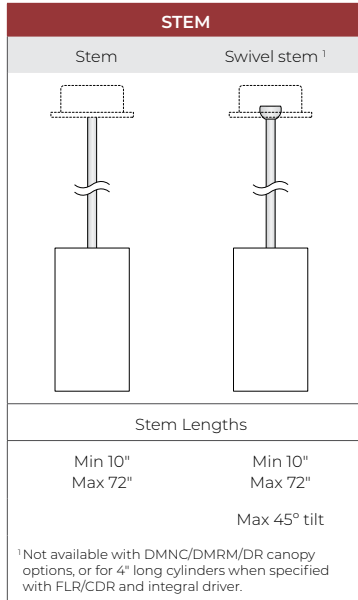
REMOTE DRIVER					
Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	
Canopy type					
Distribution	Direct/Indirect Direct				
Canopy size	Ø 4 5/8" Height 1/4"	Ø 5 1/2" Height 1 15/16"	Ø 4 1/8" Height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

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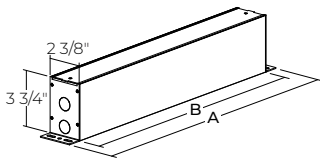
LUMENWERX

## SUSPENSION

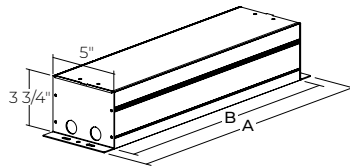


## REMOTE DRIVER BOX

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>RELD0</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>RLDEI+EB</b> - Lutron Hi-Lume 1% Eco <b>RDA+EB</b> - DALI <b>RELDI+EB</b> - eldoLED 1% ECOdrive 0-10V <b>RELD0+EB</b> - eldoLED 0.1% SOLOdrive 0-10V

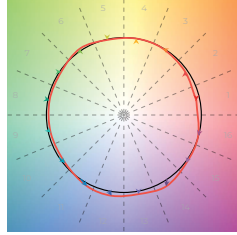
# AERA 4" CYLINDER

**LUMENWERX**

PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

## Color Quality

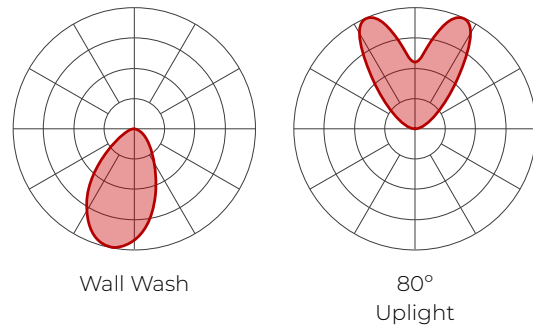
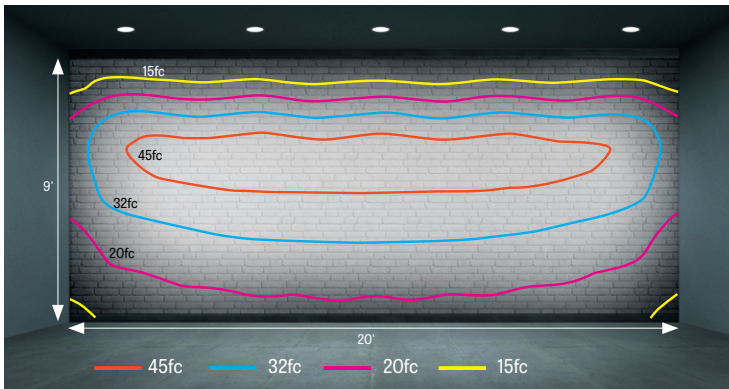
COLOR QUALITY - 3500K	
TM-30 R <sub>r</sub>	90
TM-30 R <sub>g</sub>	100
CRI	90
R9	> 50



## Photometrics

Please follow the multiplier tables to ensure correct lumen value. CCT and baffle colors will change the lumen value.

### 24" from Wall - 36" Spacing



### Foot-Candles for Round White Wall Wash Baffles - At 35K

FC ON WALL	24" FROM WALL - 24" SPACING			24" FROM WALL - 36" SPACING			24" FROM WALL - 48" SPACING			24" FROM WALL - 60" SPACING			
	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	
ABOVE FINISHED FLOOR	9'	11	9	12	7	5	7	6	5	6	5	4	6
	8'	51	39	54	31	24	33	27	20	28	25	19	26
	7'	70	54	74	45	34	48	36	28	39	33	25	35
	6'	61	47	65	40	31	43	31	24	33	27	21	29
	5'	47	36	50	31	24	34	24	18	25	20	15	21
	4'	36	28	39	25	19	26	18	14	20	15	12	16
	3'	29	22	31	20	15	21	14	11	15	12	9	13
	2'	24	18	26	16	13	18	12	9	13	10	8	11
	1'	21	16	22	14	11	15	10	8	11	9	7	9

### Delivered Lumens - At 35K

CRI	90 CRI		95 CRI		80 CRI	
	WW	Uplight	WW	Uplight	WW	Uplight
14 W	713	1029	549	792	763	1102
20 W	1136	1448	875	1114	1216	1550
28 W	1525	NA	1174	NA	1632	NA

### MULTIPLIERS

CCT	
2700K	0.9
3000K	0.95
3500K	1
4000K	1.05

### DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

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

### Efficacy Based on Delivered Lumens

CRI	90 CRI		95 CRI		80 CRI	
	WW	Uplight	WW	Uplight	WW	Uplight
14 W	51	74	39	57	54	79
20 W	57	72	44	56	61	78
28 W	54	NA	42	NA	58	NA

### BAFFLE COLOR

White	1
Black	1

For SOLA and DUO, please consult factory.



# AERA 4" CYLINDER

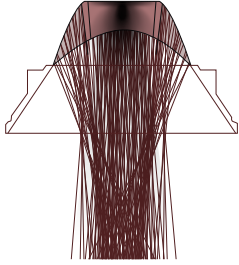
PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

# 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.

**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

### BAFFLE

Die-cast aluminum

**Baffle style:** Wall Wash

# AERA 4" CYLINDER

PENDANT WALL WASH

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LUMENWERX

## 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.