


# AERA 2" CYLINDER

PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT


# LUMENWERX




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



4" Height




8" Height



12" Height

**Beam Angles**



Low UGR < 10

Wall Wash 80°-Up

**Performance**

LUMEN OUTPUT <sup>1</sup>	WATTS	EFFICACY
414 lm	7 W	59 lm/W
557 lm	10 W	56 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**




Flat Stem Swivel Stem



Conduit Stem Swivel Stem





Direct Stem



Deep Stem

**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  
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

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# 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>AE2CYPWW</b>					<b>WW</b>	
<b>AE2CYPWW</b> - Aera 2" 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</b> <sup>2</sup>	<b>DIRECT</b>	<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#
		<b>6IN</b> - 6" <b>8IN</b> - 8" <b>12IN</b> - 12"	<b>4IN</b> <sup>3</sup> - 4" <b>8IN</b> - 8" <b>12IN</b> - 12"			
		<b>CH#IN</b> <sup>4</sup> - Custom height				
		<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</b> <sup>5</sup> - 2 Step MacAdam Ellipse <b>3STP</b> - 3 Step MacAdam Ellipse  <sup>5</sup> Not available with full spectrum.	<b>90CRI</b> <sup>6</sup> - 90 CRI <b>95CRI</b> - 95 CRI <b>80CRI</b> <sup>6</sup> - 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</b> <sup>7</sup> - 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>10,11</sup> Specify NA for Direct	DIMMING <sup>12</sup>		ELECTRICAL
<b>7W</b> - 7 W output, up to 414 lm <b>10W</b> <sup>9</sup> - 10 W output, up to 557 lm  <sup>8</sup> Lumen outputs are reduced with full spectrum, consult factory. <sup>9</sup> Not available for a Direct/Indirect fixture.	<b>7W</b> - 7 W output, up to 293 lm <b>NA</b> - Not applicable  <sup>10</sup> Lumen outputs are reduced with full spectrum, consult factory. <sup>11</sup> For a Direct/Indirect fixture for SOLA/DUO, consult factory.	<b>INTEGRAL</b>  <b>DI</b> - 1% 0-10V <b>ELV</b> <sup>13</sup> - ELV 120V <b>TRI</b> <sup>13</sup> - TRIAC 120V  <sup>12</sup> PoE (Power-over-Ethernet) compatible. Consult factory for details. <sup>13</sup> Available with 120V only.	<b>REMOTE</b> <sup>14</sup>  <b>RDI</b> - 1% 0-10V <b>RELV</b> <sup>15</sup> - ELV 120V <b>RTRI</b> <sup>15</sup> - TRIAC 120V  <sup>14</sup> A remote driver box is provided, see page 7 for details. <sup>15</sup> Available with 120V only.	<b>1C</b> - 1 circuit <b>2C</b> <sup>18</sup> - 2 circuits  <sup>16</sup> Available with Direct/Indirect only.  <sup>16</sup> On-site commissioning is required. <sup>17</sup> For emergency battery, code will be like the following example: <b>RDI+EB</b> .
<b>SOLA</b> <b>8W</b> - 8 W output, up to 468 lm  <b>DUO</b> <b>7W</b> - 7 W output, up to 338 lm		<b>SOLA</b> <b>SDI</b> - Single 0-10V input <b>SELV</b> <sup>13</sup> - ELV 120V <b>STRI</b> <sup>13</sup> - TRIAC 120V	<b>SOLA</b> <b>RSDI</b> - Single 0-10V input <b>RSELV</b> <sup>15</sup> - ELV 120V <b>RSTRI</b> <sup>15</sup> - TRIAC 120V	<b>DUO</b> <b>RDMX</b> <sup>16</sup> - DMX <b>RDDA</b> <sup>16</sup> - DALI DT6 <b>RDDA8</b> <sup>16</sup> - DALI DT8 <b>RDD1</b> - Dual 0-10V input for CCT/intensity <b>RPSQ0</b> <sup>16</sup> - Lutron T-Series 1% tunable white

CANOPY TYPE <sup>19</sup>	CANOPY FINISH	SUSPENSION <sup>26</sup>	OPTION <sup>29</sup>
			<b>NA</b>
<b>FLR</b> <sup>20,21</sup> - Flat round canopy, 4" octagonal junction box <b>CDR</b> <sup>20,21</sup> - Conduit feed, round canopy <b>DMNC</b> <sup>20,22</sup> - Direct mount, new construction <b>DMRM</b> <sup>20,22,23</sup> - Direct mount, remodel <b>DR</b> <sup>24,25</sup> - Deep round canopy, driver(s) in canopy  <sup>19</sup> See page 6 for details. <sup>20</sup> Direct/Indirect requires a remote driver. <sup>21</sup> 4" long cylinders require a remote driver, or a j-box for integral drivers. See page 6 for details. <sup>22</sup> 4" long cylinders require a remote driver. <sup>23</sup> Single wiring entry only. No daisy chain connections allowed. <sup>24</sup> Available with integral driver only. <sup>25</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>BKSS##IN</b> - Textured black stem <b>WHS##IN</b> - Textured white stem <b>BKSS##IN</b> <sup>27</sup> - Textured black swivel stem <b>WHS##IN</b> <sup>27</sup> - Textured white swivel stem <b>CFSS##IN</b> <sup>28</sup> - Custom finish stem <b>CFSS##IN</b> <sup>27,28</sup> - Custom finish swivel stem  <sup>26</sup> Min 10" - max 72", specify length (##) in inches. <sup>27</sup> Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. <sup>28</sup> Specify RAL#.	<b>NA</b> - None  <sup>29</sup> To specify an ENERGY STAR certified fixture, see page 3.  To specify a JAB compliant fixture, see page 4.

www.lumenwerx.com  
T (514) 225-4304

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# AERA 2" CYLINDER

PENDANT WALL WASH  
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>AE2CYPWW</b>	<b>D</b>			<b>WW</b>	
<b>AE2CYPWW</b> - Aera 2" Cylinder Pendant Wall Wash  <sup>1</sup> Pendant (direct) and Pendant Asymmetric 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>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>7W</b>	<b>NA</b>		<b>1C</b>
<b>7W</b> - 7 W output, up to 414 lm	<b>NA</b> - Not applicable	<b>INTEGRAL</b>  <b>D1</b> - 1% 0-10V <b>ELV</b> <sup>4</sup> - ELV 120V <b>TRI</b> <sup>4</sup> - TRIAC 120V  <sup>4</sup> Available with 120V only.	<b>REMOTE</b> <sup>5</sup>  <b>RD1</b> - 1% 0-10V <b>RELV</b> <sup>6</sup> - ELV 120V <b>RTRI</b> <sup>6</sup> - TRIAC 120V <b>RLDE1</b> <sup>7</sup> - 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</b> <sup>9</sup> - Flat round canopy, 4" octagonal junction box <b>CDR</b> <sup>9</sup> - Conduit feed, round canopy <b>DMNC</b> <sup>10</sup> - Direct mount, new construction <b>DMRM</b> <sup>10,11</sup> - Direct mount, remodel <b>DR</b> <sup>12</sup> - 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</b> <sup>14</sup> - Textured black swivel stem <b>WHSS##IN</b> <sup>14</sup> - Textured white swivel stem <b>CF##IN</b> <sup>15</sup> - Custom finish stem <b>CF##SS##IN</b> <sup>14,15</sup> - 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 2" 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>AE2CYPWW</b>	<b>D</b>			<b>WW</b>	
<b>AE2CYPWW</b> - Aera 2" 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>WW</b>		<b>90CRI</b>		
<b>WW</b> - Wall wash diffuser	<b>SW</b> - Static white  <b>SOLA</b> - Dim-to-warm single channel control 35K to 22K	<b>WW</b> - Wall wash	<b>2STP</b> - 2 Step MacAdam Ellipse <b>3STP</b> - 3 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>SOLA</b> - Dim-to-warm single channel control 35K to 22K	<b>120V</b> - 120V <b>277V</b> - 277V

DIRECT WATTAGE	INDIRECT WATTAGE	DIMMING		ELECTRICAL
	<b>NA</b>			<b>IC</b>
<b>7W</b> - 7 W output, up to 414 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.	<b>IC</b> - 1 circuit
<b>8W</b> - 8 W output, up to 468 lm		<b>SD1</b> - Single 0-10V input <b>SELV<sup>4</sup></b> - ELV 120V <b>STRI<sup>4</sup></b> - TRIAC 120V	<b>RSD1</b> - Single 0-10V input <b>RSELV<sup>6</sup></b> - ELV 120V <b>RSTRI<sup>6</sup></b> - TRIAC 120V	

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

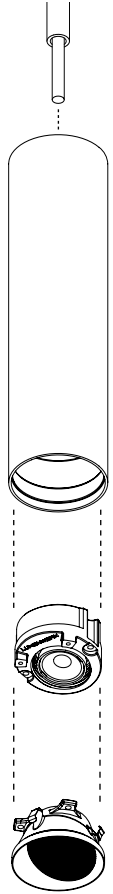


# AERA 2" CYLINDER

LUMENWERX

PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

## Overview

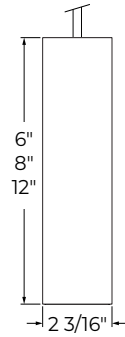


**AE2CYPWW**  
Aera 2"  
Cylinder  
Pendant  
Wall Wash

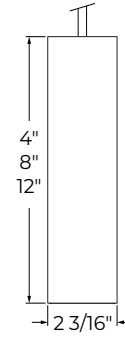
## Dimensions

### CYLINDER

Direct/Indirect



Direct

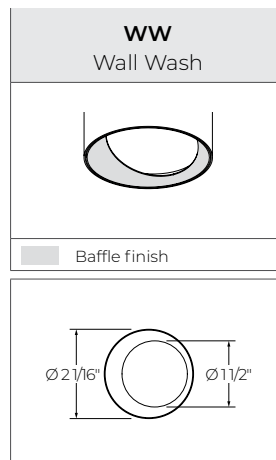


### Minimum heights - Cylinder

Size	Distribution	Integral driver in cylinder	Integral driver in canopy or J-box	Remote driver
Ø2"	Direct/Indirect	NA	6"	6"
	Direct	7"	4"	4"

\*Consult factory for maximum heights.

### BAFFLE



# AERA 2" CYLINDER

LUMENWERX

PENDANT WALL WASH  
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 2 3/16" Height 2"		Ø 5 5/8" Height 1 3/8"
Suspension	Stem, Swivel stem <sup>1</sup>		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	

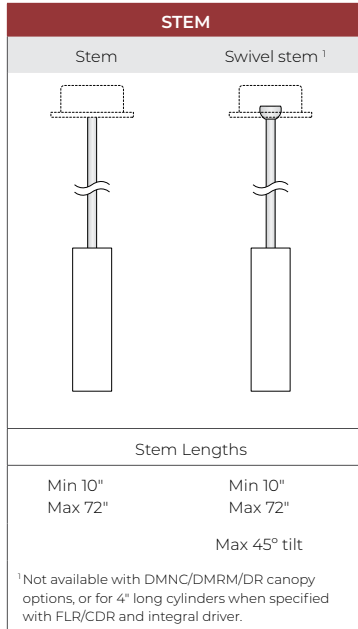
REMOTE DRIVER					
Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	
Canopy type					
Distribution	Direct/Indirect Direct				
Canopy size	Ø 4 5/8" Height 1/4"	Ø 5 1/2" Height 1 15/16"	Ø 2 3/16" Height 2"		
Suspension	Stem, Swivel stem		Stem		
Min. height	D/I - 6" D - 4"				
				Single wiring entry only. No daisy chain connections allowed.	

# AERA 2" CYLINDER

PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

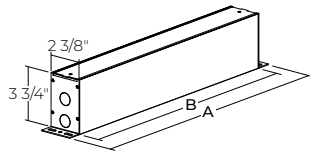
LUMENWERX

## SUSPENSION

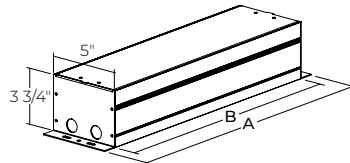


## REMOTE DRIVER BOX

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>RLDE1</b> - Lutron Hi-lume 1% Eco <b>RDA</b> - DALI <b>RELD1</b> - eldoLED 1% ECOdrive 0-10V <b>RELD0</b> - eldoLED 0.1% SOLOdrive 0-10V	Emergency battery (+EB) with the following driver options. <b>RD1+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>RPSQ0</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>RELD0+EB</b> - eldoLED 0.1% SOLOdrive 0-10V

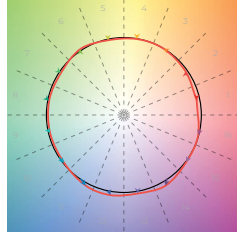
# AERA 2" CYLINDER

PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

**LUMENWERX**

## Color Quality

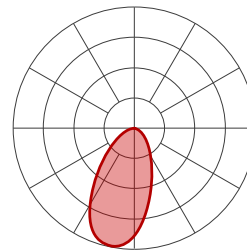
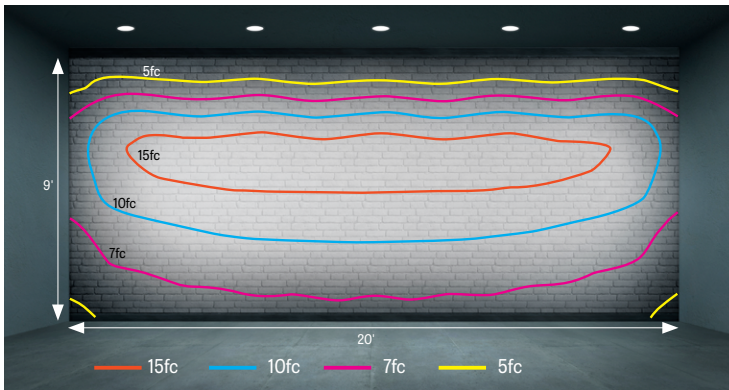
COLOR QUALITY - 3500K	
TM-30 R <sub>r</sub>	91
TM-30 R <sub>g</sub>	100
CRI	90
R9	> 50



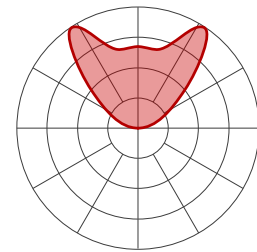
## Photometrics

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

### 24" from Wall - 36" Spacing



Wall Wash



80°  
Uplight

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

	FC ON WALL	24" FROM WALL - 24" SPACING			24" FROM WALL - 36" SPACING			24" FROM WALL - 48" SPACING		
		90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI
ABOVE FINISHED FLOOR	9'	4	3	5	3	2	3	2	2	2
	8'	16	12	17	10	7	10	8	6	8
	7'	22	17	24	14	11	15	11	8	11
	6'	21	16	22	13	10	14	10	8	11
	5'	16	13	18	11	8	12	8	6	9
	4'	13	10	14	9	7	9	7	5	7
	3'	10	8	11	7	5	7	5	4	6
	2'	9	7	9	6	5	6	5	3	5
	1'	8	6	8	5	4	6	4	3	4

### Delivered Lumens - At 35K

CRI	90 CRI		95 CRI		80 CRI	
	WW	Uplight	WW	Uplight	WW	Uplight
7W	387	273	298	210	414	293
10W	521	NA	401	NA	557	NA

### Efficacy Based on Delivered Lumens

CRI	90 CRI		95 CRI		80 CRI	
	WW	Uplight	WW	Uplight	WW	Uplight
7W	55	39	43	30	59	42
10W	52	NA	40	NA	56	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.

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

### BAFFLE COLOR

White	1
Black	1

For SOLA and DUO, please consult factory.



# AERA 2" CYLINDER

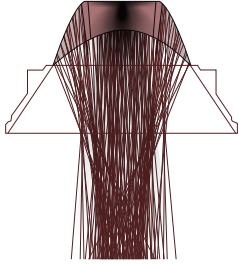
PENDANT WALL WASH  
DIRECT/INDIRECT, DIRECT

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, eidoLED 0.1% SOLOdrive 0-10V, eidoLED 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" - 1 lbs - 0.5 kg	4" - 0.6 lbs - 0.3 kg
8" - 1.2 lbs - 0.5 kg	8" - 1.2 lbs - 0.6 kg
12" - 1.4 lbs - 0.6 kg	12" - 1.5 lbs - 0.7 kg

### BAFFLE

Die-cast aluminum

**Baffle style:** Wall Wash

# AERA 2" CYLINDER

PENDANT WALL WASH

DIRECT/INDIRECT, DIRECT

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 JAB** - 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.