AERA 3" CYLINDER
PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

Lumenwerx

5 YEAR WARRANTY

COMPLIANT WITH JA8 TITLE 24 | Energy ENERGY STAR | Declare.

4" Height

8" Height

12" Height

Beam Angles

Wall Wash | 80°-Up | Low UGR < 10

Performance

LUMEN OUTPUT [1]	WATTS	EFFICACY
601 lm	10 W	43 lm/W
822 lm	14 W	59 lm/W
1135 lm	20 W	57 lm/W

[1] 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)

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.

Mounting Options

Flat
Stem
Swivel Stem

Conduit
Stem
Swivel Stem

Direct
Stem

Deep
Stem

Aera Family (Refer to other spec sheets)

Downlight

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

Multi-aperture

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

Cylinder

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

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PoE Power over Ethernet

AERA 3" CYLINDER
PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

Lumenwerx

Project: _____

Type: _____

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

Order Guide

LUMINAIRE ID [1]	DISTRIBUTION	CYLINDER HEIGHT		CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE3CYPWW					**WW**	
AE3CYPWW - Aera 3" Cylinder Pendant Wall Wash [1] Pendant (direct) and Pendant Asymmetric also available. Consult other spec sheet.	**DI** - Direct/Indirect **D** - Direct	**DIRECT/INDIRECT** [2] **6IN** - 6" **8IN** - 8" **12IN** - 12" **CH#IN** [4] - Custom height	**DIRECT** **4IN** [3] - 4" **8IN** - 8" **12IN** - 12"	**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**WW** - Wall wash	**FTMW** - Textured matte white **FTMB** - Textured matte black **FSPC** - Specular **FSSPC** - Semi-specular **FCHP** - Champagne **CF#** - Custom finish, specify RAL#

[2] Only available with DR canopy option when specified with integral drivers.
[3] Not available with DMNC/DMRM canopy options when specified with integral drivers.
[4] 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
WW		**WW**				
WW - Wall wash diffuser	**SW** - Static white **FS** - Full spectrum	**WW** - Wall wash	**2STP** [5] - 2 Step MacAdam Ellipse **3STP** - 3 Step MacAdam Ellipse [5] Not available with full spectrum.	**90CRI** [6] - 90 CRI **95CRI** - 95 CRI **80CRI** [6] - 80 CRI [6] Not available with full spectrum.	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V **347V** [9] - 347V [9] Available with RD1 driver only. Please consult factory.
	SOLA - Dim-to-warm single channel control **DUO** - Tunable white 2-channel control		**3STP** - 3 Step MacAdam Ellipse	**90CRI** - 90 CRI	**SOLA** [7] - Dim-to-warm single channel control **DUO** [8] - Tunable white 2-channel control [7] 3500K to 2200K [8] 6500K to 2700K	

DIRECT WATTAGE [10]	INDIRECT WATTAGE [12] Specify NA for Direct	DIMMING [13]			ELECTRICAL
10W - 10 W output, up to 601 lm **14W** - 14 W output, up to 822 lm **20W** [11] - 20 W output, up to 1135 lm [10] Lumen outputs are reduced with full spectrum, consult factory. [11] Not available for a Direct/Indirect fixture.	**10W** - 10 W output, up to 683 lm **14W** - 14 W output, up to 939 lm **NA** - Not applicable [12] Lumen outputs are reduced with full spectrum, consult factory.	**INTEGRAL** **D1** - 1% 0-10V **ELV** [14] - ELV 120V **TRI** [14] - TRIAC 120V [13] PoE (Power-over-Ethernet) compatible. Consult factory for details. [14] Available with 120V only.	**REMOTE** [15] **RD1** - 1% 0-10V **RELV** [16] - ELV 120V **RTRI** [16] - TRIAC 120V **RLDE1** [17] - Lutron Hi-lume 1% Eco [15] A remote driver box is provided, see page 7 for details. [16] Available with 120V only. [17] On-site commissioning is required. [18] For emergency battery, code will be like the following example: RD1+EB.	**RDA** [17] - DALI **RELD1** - eldoLED 1% ECOdrive 0-10V **RELD0** - eldoLED 0.1% SOLOdrive 0-10V **+EB** [18] - Emergency battery	**1C** - 1 circuit **2C** [19] - 2 circuits [19] Available with Direct/Indirect only.
SOLA **12W** - 12 W output, up to 930 lm **DUO** **11W** - 11 W output, up to 517 lm	**SOLA** **12W** - 12 W output, up to 431 lm **DUO** **11W** - 11 W output, up to 285 lm **NA** - Not applicable	**SOLA** **SD1** - Single 0-10V input **SELV** [14] - ELV 120V **STRI** [14] - TRIAC 120V	**SOLA** **RSD1** - Single 0-10V input **RSELV** [16] - ELV 120V **RSTRI** [16] - TRIAC 120V	**DUO** **RDMX** [17] - DMX **RDDA** [17] - DALI DT6 **RDDA8** [17] - DALI DT8 **RDD1** - Dual 0-10V input for CCT/intensity **RLD2** [17] - Lutron DALI-2 digital	

CANOPY TYPE [20]		CANOPY FINISH	SUSPENSION [26]	OPTION [29]
				NA
FLR [21, 22] - Flat round canopy, 4" octagonal junction box **CDR** [21, 22] - Conduit feed, round canopy **DMNC** [21, 23] - Direct mount, new construction **DMRM** [21, 23, 24] - Direct mount, remodel **DR** [25] - Deep round canopy [20] See page 6 for details. [21] Direct/Indirect requires a remote driver. [22] For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. [23] 4" long cylinders require a remote driver. [24] Single wiring entry only. No daisy chain connections allowed. [25] Can accommodate up to 2 drivers.		**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**BKS##IN** - Textured black stem **WHS##IN** - Textured white stem **BKSS##IN** [27] - Textured black swivel stem **WHSS##IN** [27] - Textured white swivel stem **CF#S##IN** [28] - Custom finish stem **CF#SS##IN** [27, 28] - Custom finish swivel stem [26] Min 10" - max 72", specify length (##) in inches. [27] Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. [28] Specify RAL#.	**NA** - None [29] To specify an ENERGY STAR certified fixture, see page 3. To specify a JA8 compliant fixture, see page 4.

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AERA3-CYLINDER-PENDANT-WW-SPEC-REV5   April 22, 2024

PoE

AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT
ENERGY STAR

⎾ Lumenwerx

Project: _____

Type: _____

[ENERGY STAR logo]

Order Guide

LUMINAIRE ID [1]	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE3CYPWW	**D**			**WW**	
AE3CYPWW - Aera 3" Cylinder Pendant Wall Wash [1] Pendant (direct) and Pendant Asymmetric also available. Consult other spec sheet.	**D** - Direct	**4IN** [2] - 4" **8IN** - 8" **12IN** - 12" **CH#IN** [3] - Custom height [2] Not available with DMNC/DMRM canopy options when specified with integral drivers. [3] Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5.	**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**WW** - Wall wash	**FTMW** - Textured matte white **FTMB** - Textured matte black **FSPC** - Specular **FSSPC** - Semi-specular **FCHP** - Champagne **CF#** - Custom finish, specify RAL#

LENS	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
WW	**SW**	**WW**	**2STP**			
WW - Wall wash diffuser	**SW** - Static white	**WW** - Wall wash	**2STP** - 2 Step MacAdam Ellipse	**90CRI** - 90 CRI **80CRI** - 80 CRI	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V

DIRECT WATTAGE	INDIRECT WATTAGE	DIMMING		ELECTRICAL
	NA			**1C**
10W - 10 W output, up to 601 lm **14W** - 14 W output, up to 822 lm	**NA** - Not applicable	**INTEGRAL** **D1** - 1% 0-10V **ELV** [4] - ELV 120V **TRI** [4] - TRIAC 120V [4] Available with 120V only.	**REMOTE** [5] **RD1** - 1% 0-10V **RELV** [6] - ELV 120V **RTRI** [6] - TRIAC 120V **RLDE1** [7] - Lutron Hi-lume 1% Eco [5] A remote driver box is provided, see page 7 for details. [6] Available with 120V only. [7] On-site commissioning is required.	**1C** - 1 circuit

CANOPY TYPE [8]		CANOPY FINISH	SUSPENSION [13]	OPTION
				ES
FLR [9] - Flat round canopy, 4" octagonal junction box **CDR** [9] - Conduit feed, round canopy **DMNC** [10] - Direct mount, new construction **DMRM** [10, 11] - Direct mount, remodel **DR** [12] - Deep round canopy [8] See page 6 for details. [9] For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. [10] 4" long cylinders require a remote driver. [11] Single wiring entry only. No daisy chain connections allowed. [12] Can accommodate up to 2 drivers.		**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**BKS##IN** - Textured black stem **WHS##IN** - Textured white stem **BKSS##IN** [14] - Textured black swivel stem **WHSS##IN** [14] - Textured white swivel stem **CF#S##IN** [15] - Custom finish stem **CF#SS##IN** [14, 15] - Custom finish swivel stem [13] Min 10" - max 72", specify length (##) in inches. [14] Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. [15] Specify RAL#.	**ES** - ENERGY STAR

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AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT
Title 24 JA8

Lumenwerx

Project: _____

Type: _____

COMPLIANT WITH **JA8** *TITLE 24*

Order Guide

LUMINAIRE ID [1]	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE3CYPWW	**D**			**WW**	
AE3CYPWW - Aera 3" Cylinder Pendant Wall Wash [1] Pendant (direct) and Pendant Asymmetric also available. Consult other spec sheet.	**D** - Direct	**4IN** [2] - 4" **8IN** - 8" **12IN** - 12" **CH#IN** [3] - Custom height [2] Not available with DMNC/DMRM canopy options when specified with integral drivers. [3] Specify height (#) in 1" increments only. Up to maximum 36". For minimum heights, see page 5.	**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**WW** - Wall wash	**FTMW** - Textured matte white **FTMB** - Textured matte black **FSPC** - Specular **FSSPC** - Semi-specular **FCHP** - Champagne **CF#** - Custom finish, specify RAL#

LENS	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
WW		**WW**		**90CRI**		
WW - Wall wash diffuser	**SW** - Static white	**WW** - Wall wash	**2STP** - 2 Step MacAdam Ellipse **3STP** - 3 Step MacAdam Ellipse	**90CRI** - 90 CRI	**27K** - 2700K **30K** - 3000K **35K** - 3500K **40K** - 4000K	**120V** - 120V **277V** - 277V **UNV** - 120V-277V
	SOLA - Dim-to-warm single channel control		**3STP** - 3 Step MacAdam Ellipse		**SOLA** [4] - Dim-to-warm single channel control [4] 3500K to 2200K	

DIRECT WATTAGE	INDIRECT WATTAGE	DIMMING		ELECTRICAL
	NA			**1C**
10W - 10 W output, up to 601 lm **14W** - 14 W output, up to 822 lm	**NA** - Not applicable	**INTEGRAL** **D1** - 1% 0-10V **ELV** [5] - ELV 120V **TRI** [5] - TRIAC 120V [5] Available with 120V only.	**REMOTE** [6] **RD1** - 1% 0-10V **RELV** [7] - ELV 120V **RTRI** [7] - TRIAC 120V **RLDE1** [8] - Lutron Hi-lume 1% Eco [6] A remote driver box is provided, see page 7 for details. [7] Available with 120V only. [8] On-site commissioning is required.	**1C** - 1 circuit
12W - 12 W output, up to 930 lm		**SD1** - Single 0-10V input **SELV** [5] - ELV 120V **STRI** [5] - TRIAC 120V	**RSD1** - Single 0-10V input **RSELV** [7] - ELV 120V **RSTRI** [7] - TRIAC 120V	

| CANOPY TYPE [9]	CANOPY FINISH	SUSPENSION [14]	OPTION
			JA8
FLR [10] - Flat round canopy, 4" octagonal junction box **CDR** [10] - Conduit feed, round canopy **DMNC** [11] - Direct mount, new construction **DMRM** [11, 12] - Direct mount, remodel **DR** [13] - Deep round canopy [9] See page 6 for details. [10] For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. [11] 4" long cylinders require a remote driver. [12] Single wiring entry only. No daisy chain connections allowed. [13] Can accommodate up to 2 drivers.	**FTMW** - Textured matte white **FTMB** - Textured matte black **FCHP** - Champagne **CF#** - Custom finish, specify RAL#	**BKS##IN** - Textured black stem **WHS##IN** - Textured white stem **BKSS##IN** [15] - Textured black swivel stem **WHSS##IN** [15] - Textured white swivel stem **CF#S##IN** [16] - Custom finish stem **CF#SS##IN** [15, 16] - Custom finish swivel stem [14] Min 10" - max 72", specify length (##) in inches. [15] Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. [16] Specify RAL#.	**JA8** - JA8 compliant

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AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

Dimensions

CYLINDER

Direct/Indirect

6"
8"
12"

← 3 1/8" →

Direct

4"
8"
12"

← 3 1/8" →
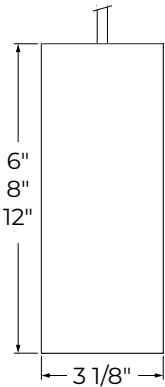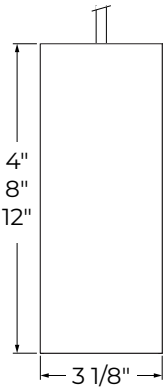
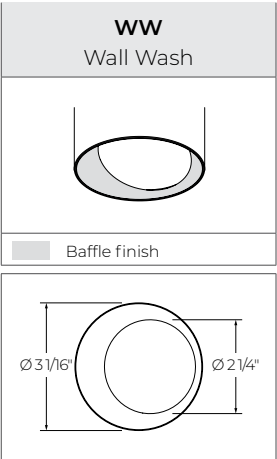**Minimum heights - Cylinder**

Size	Distribution	Integral driver in cylinder	Integral driver in canopy or J-box	Remote driver
Ø 3"	Direct/Indirect	NA	6"	6"
	Direct	7"	4"	4"

*Consult factory for maximum heights.

BAFFLE

WW
Wall Wash

Baffle finish

Ø 3 1/16"   Ø 2 1/4"

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AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

![Lumenwerx]
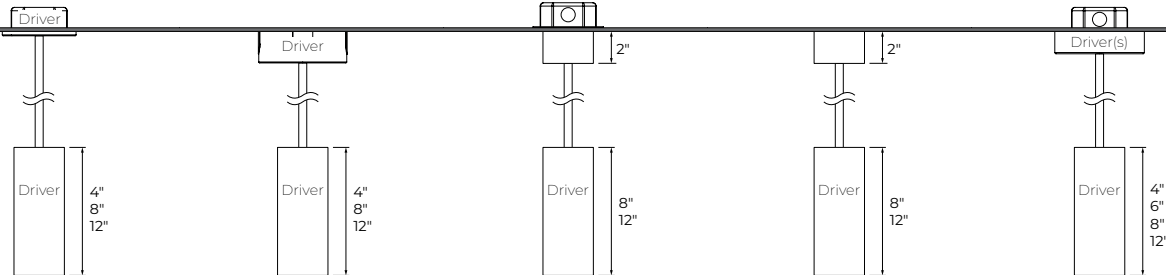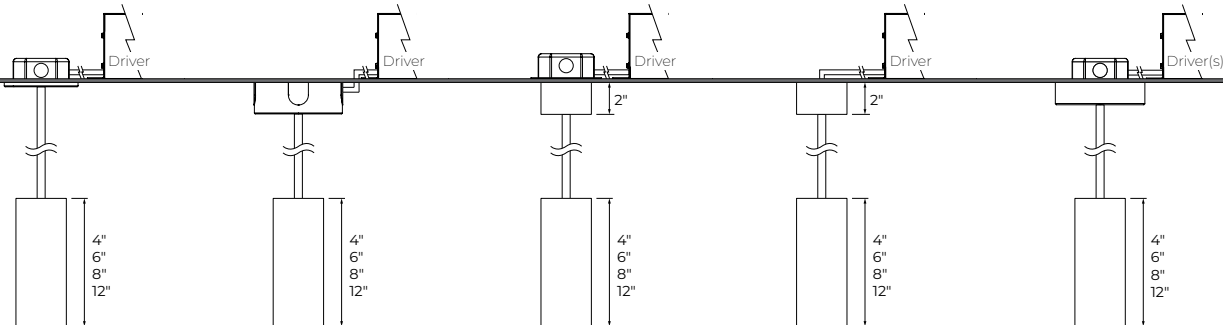
Mounting

CANOPY

INTEGRAL DRIVER

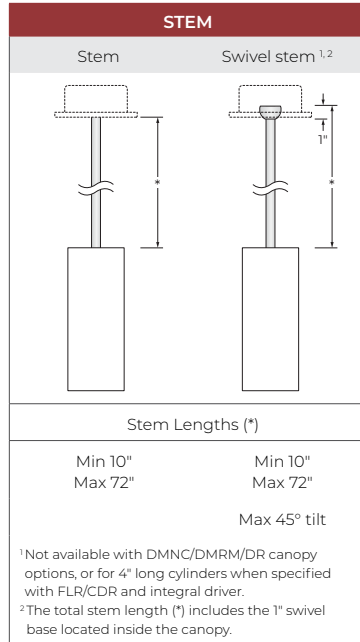| Order code	FLR Flat round canopy, 4" octagonal junction box	CDR Conduit feed, round canopy	DMNC Direct mount, new construction	DMRM Direct mount, remodel	DR Deep round canopy
Canopy type	Driver / Driver 4" 8" 12"	Driver / Driver 4" 8" 12"	2" / Driver 8" 12"	2" / Driver 8" 12"	Driver(s) / Driver 4" 6" 8" 12"
Distribution	Direct				Direct/Indirect Direct
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 3 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"
Suspension	Stem, Swivel stem [1] [1] Not available for 4" long cylinders specified with FLR/CDR.		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 or cylinder

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	DR Deep round canopy
Canopy type	Driver 4" 6" 8" 12"	Driver 4" 6" 8" 12"	2" / Driver 4" 6" 8" 12"	2" / Driver 4" 6" 8" 12"	Driver(s) 4" 6" 8" 12"
Distribution	Direct/Indirect Direct				
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 3 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"
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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AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

SUSPENSION

STEM	
Stem	Swivel stem [1,2]

Stem Lengths (*)	
Min 10" Max 72"	Min 10" Max 72" Max 45° tilt

[1] Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver.
[2] The total stem length (*) includes the 1" swivel base located inside the canopy.

REMOTE DRIVER BOX

RDB8 / RDB18 / RDB24

RDB24W

	RDB8	RDB18	RDB24	RDB24W
A	10"	20"	26"	26"
B	8"	18"	24"	24"
DRIVER	**RD1** - 1% 0-10V **RELV** - ELV 120V **RTRI** - TRIAC 120V <u>SOLA</u> **RSD1** - Single 0-10V input **RSELV** - ELV 120V **RSTRI** - TRIAC 120V	**RLDE1** - Lutron Hi-lume 1% Eco **RDA** - DALI **RELD1** - eldoLED 1% ECOdrive 0-10V **RELD0** - eldoLED 0.1% SOLOdrive 0-10V	Emergency battery (+EB) with the following driver options. **RD1+EB** - 1% 0-10V **RELV+EB** - ELV 120V **RTRI+EB** - TRIAC 120V <u>DUO</u> **RDMX** - DMX **RDDA** - DALI DT6 **RDDA8** - DALI DT8 **RDD1** - Dual 0-10V input for CCT/intensity **RLD2** - Lutron DALI-2 digital	Emergency battery (+EB) with the following driver options. **RLDE1+EB** - Lutron Hi-lume 1% Eco **RDA+EB** - DALI **RELD1+EB** - eldoLED 1% ECOdrive 0-10V **RELD0+EB** - eldoLED 0.1% SOLOdrive 0-10V

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AERA 3" CYLINDER
PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

Color Quality

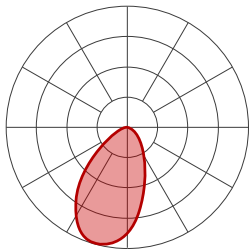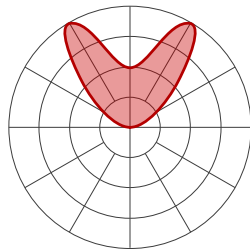| COLOR QUALITY - 3500K	
TM-30 R_f	90
TM-30 R_g	100
CRI	90
R9	> 50
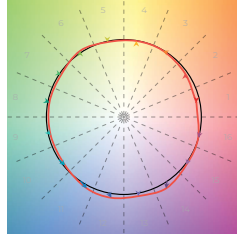
Photometrics

WALL WASH

Values calculated based on 3500K and white wall wash baffle.

Wall Wash

80°
Uplight

Delivered lumens

CRI	90 CRI		95 CRI		80 CRI	
BEAM	WW	Uplight	WW	Uplight	WW	Uplight
10 W	562	683	433	491	601	683
14 W	768	877	591	675	822	939
20 W	1061	NA	817	NA	1135	NA

Efficacy

CRI	90 CRI		95 CRI		80 CRI	
BEAM	WW	Uplight	WW	Uplight	WW	Uplight
10 W	56	64	43	49	60	68
14 W	55	63	42	48	59	67
20 W	53	NA	41	NA	57	NA

MULTIPLIERS

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

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

BAFFLE COLOR	
White	1
Black	1

For SOLA and DUO, please consult factory.

DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

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

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PoE
Power over Ethernet

AERA 3" CYLINDER

PENDANT WALL WASH
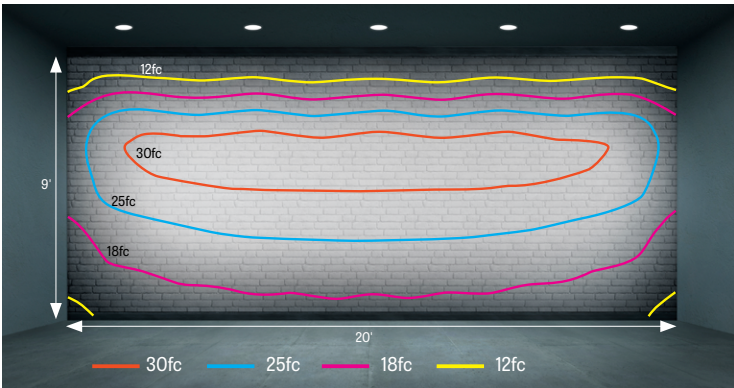## DIRECT/INDIRECT, DIRECT

Photometrics

UNIFORMITY
Values calculated based on 3500K and white wall wash baffle.

24" from Wall - 36" Spacing

Foot-candles

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'	10	7	10	6	5	7	5	4	5
	8'	40	31	43	25	19	27	19	15	21
	7'	54	41	57	35	27	37	27	20	28
	6'	46	35	49	30	23	32	23	18	25
	5'	34	26	37	23	18	25	17	13	19
	4'	26	20	28	18	14	19	13	10	14
	3'	21	16	22	14	11	15	11	8	11
	2'	17	13	18	12	9	12	9	7	9
	1'	15	11	16	10	8	11	8	6	8

Lumenwerx reserves the right to modify
product specifications without notification.
AERA3-CYLINDER-PENDANT-WW-SPEC-REV5   April 22, 2024

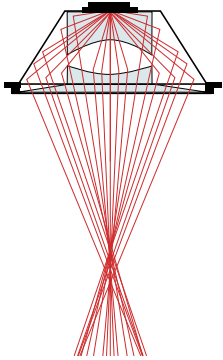# AERA 3" CYLINDER

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

Static white

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.

Full spectrum

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
Stem: Ø 1/2" 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
Baffle: Die-cast aluminum
Baffle style: Wall Wash

ETL LISTED
Intertek

PoE

AERA 3" CYLINDER

PENDANT WALL WASH
DIRECT/INDIRECT, DIRECT

Lumenwerx

WEIGHT

Direct/Indirect	Direct
6": 1.4 lbs - 0.6 kg	**4"**: 1.4 lbs - 0.6 kg
8": 1.8 lbs - 0.8 kg	**8"**: 2 lbs - 0.9 kg
12": 2.3 lbs - 1 kg	**12"**: 2.4 lbs - 1.1 kg

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
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.

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PoE