

AERA 3" CYLINDER

SURFACE, SURFACE ASYMMETRIC



Declare.



4" Height
Bevel



8" Height
Decorative Bevel



12" Height
Pinhole

Beam Angles



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

Performance

LUMEN OUTPUT ¹	WATTS	EFFICACY
1132 lm	10 W	113 lm/W
1545 lm	14 W	110 lm/W
2135 lm	20 W	107 lm/W

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

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 Conduit Direct

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)

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 3" CYLINDER

SURFACE, SURFACE ASYMMETRIC



Project: _____

Type: _____



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

Order Guide

LUMINAIRE ID ¹	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	D				
AE3CYS - Aera 3" Cylinder Surface AE3CYSASY - Aera 3" Cylinder Surface Asymmetric ¹ Surface Wall Wash 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#	BVL - Bevel PHL - Pinhole BVLD - Decorative bevel	FTMW - Textured matte white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL#

LENS *	LIGHT SOURCE	BEAM	COLOR QUALITY	CRI	COLOR TEMP.	ACCESSORIES *	VOLTAGE
See page 5 for details						See page 5 for details	
At baffle (choose 1 option) Specify NOL for Pinhole SDL - Soft diffused lens, Solite FDL - Frosted diffused lens CL - Clear lens NOL - No lens	SW - Static white FS - Full spectrum SOLA - Dim-to-warm single channel control DUO - Tunable white 2-channel control	15DEG - 15° Narrow spot 25DEG - 25° Spot 35DEG - 35° Narrow flood 50DEG - 50° Wide flood 80DEG ⁴ - 80° Very wide flood 90DEG ⁴ - 90° Open flood ⁴ Not available with Asymmetric.	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 SOLA ⁷ - Dim-to-warm single channel control DUO ⁸ - Tunable white 2-channel control ⁷ 3500K to 2200K ⁸ 6500K to 2700K	At light element ^{9,10} (choose up to 2 options) LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens LS - Linear spread HEX ¹¹ - Hex louver NA - None ⁹ Separate codes with a "+" if more than one is specified, e.g. LSDL+LS. ¹⁰ LSDL and LFDL cannot be combined. LS and HEX cannot be combined. ¹¹ Not available with 80°/90° beam options.	120V - 120V 277V - 277V UNV - 120V-277V 347V ¹² - 347V ¹² Available with RD1 driver only. Please consult factory.

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

WATTAGE ¹³		DIMMING ¹⁴		CANOPY TYPE ²⁰	CANOPY FINISH Specify NA for DM	OPTION ²⁴
						NA
SURFACE 10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm 20W - 20 W output, up to 2135 lm ¹³ Lumen outputs are reduced with full spectrum, consult factory.	SURFACE ASY. 10W - 10 W output, up to 1029 lm 14W - 14 W output, up to 1406 lm 20W - 20 W output, up to 1942 lm	INTEGRAL DI - 1% 0-10V ELV ¹⁵ - ELV 120V TRI ¹⁵ - TRIAC 120V ¹⁴ PoE (Power-over-Ethernet) compatible. Consult factory for details. ¹⁵ Available with 120V only.	REMOTE ¹⁶ RD1 - 1% 0-10V RELV ¹⁷ - ELV 120V RTRI ¹⁷ - TRIAC 120V RLDE1 ¹⁸ - Lutron Hi-lume 1% Eco RDA ¹⁸ - DALI RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V +EB ¹⁹ - Emergency battery ¹⁶ A remote driver box is provided, see page 6 for details. ¹⁷ Available with 120V only. ¹⁸ On-site commissioning is required. ¹⁹ For emergency battery, code will be like the following example: RD1+EB.	FLR ²¹ - Flat round canopy, 4" octagonal junction box CDR ²¹ - Conduit feed, round canopy DMNC ²² - Direct mount, new construction DMRM ^{22,23} - Direct mount, remodel ²⁰ See page 6 for details. ²¹ For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. ²² 4" long cylinders require a remote driver. ²³ Single wiring entry only. No daisy chain connections allowed.	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne CF# - Custom finish, specify RAL# NA - Not applicable	NA - None ²⁴ To specify an ENERGY STAR certified fixture, see page 3. To specify a JAB compliant fixture, see page 4.
SOLA 12W - 12 W output, up to 725 lm DUO 11W - 11 W output, up to 525 lm	SOLA 12W - 12 W output, up to 625 lm DUO 11W - 11 W output, up to 475 lm	SOLA SD1 - Single 0-10V input SELV ¹⁵ - ELV 120V STRI ¹⁵ - TRIAC 120V	SOLA RSD1 - Single 0-10V input RSELV ¹⁷ - ELV 120V RSTRI ¹⁷ - TRIAC 120V DUO RDMX ¹⁸ - DMX RDDA ¹⁸ - DALI DT6 RDDA8 ¹⁸ - DALI DT8 RDD1 - Dual 0-10V input for CCT/intensity RLD2 ¹⁸ - Lutron DALI-2 digital			

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Lumenwerx reserves the right to modify product specifications without notification.

AERA3-CYLINDER-SURFACE-SPEC-REV5 April 22, 2024



AERA 3" CYLINDER

SURFACE, SURFACE ASYMMETRIC

ENERGY STAR



Project: _____

 Type: _____



Order Guide

LUMINAIRE ID ¹	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	D				
AE3CYS - Aera 3" Cylinder Surface AE3CYSASY - Aera 3" Cylinder Surface Asymmetric ¹ Surface Wall Wash 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#	BVL - Bevel PHL - Pinhole BVLD - Decorative bevel	FTMW - Textured matte white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL#

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

WATTAGE		DIMMING		CANOPY TYPE ⁸	CANOPY FINISH Specify NA for DM	OPTION
						ES
SURFACE 10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm	SURFACE ASY. 10W - 10 W output, up to 1029 lm 14W - 14 W output, up to 1406 lm	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 6 for details. ⁶ Available with 120V only. ⁷ On-site commissioning is required.	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 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.	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne CF# - Custom finish, specify RAL# NA - Not applicable	ES - ENERGY STAR



AERA 3" CYLINDER

SURFACE, SURFACE ASYMMETRIC

Title 24 JA8



Project: _____

Type: _____



Order Guide

LUMINAIRE ID ¹	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	D				
AE3CYS - Aera 3" Cylinder Surface AE3CYSASY - Aera 3" Cylinder Surface Asymmetric ¹ Surface Wall Wash 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#	BVL - Bevel PHL - Pinhole BVLD - Decorative bevel	FTMW - Textured matte white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL#

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

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

WATTAGE		DIMMING		CANOPY TYPE ¹⁰	CANOPY FINISH Specify NA for DM	OPTION
						JA8
SURFACE 10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm	SURFACE ASY. 10W - 10 W output, up to 1029 lm 14W - 14 W output, up to 1406 lm	INTEGRAL D1 - 1% 0-10V ELV ⁶ - ELV 120V TRI ⁶ - TRIAC 120V ⁶ Available with 120V only.	REMOTE ⁷ RD1 - 1% 0-10V RELV ⁸ - ELV 120V RTRI ⁸ - TRIAC 120V RLDEL ⁹ - Lutron Hi-lume 1% Eco ⁷ A remote driver box is provided, see page 6 for details. ⁸ Available with 120V only. ⁹ On-site commissioning is required.	FLR ¹¹ - Flat round canopy, 4" octagonal junction box CDR ¹¹ - Conduit feed, round canopy DMNC ¹² - Direct mount, new construction DMRM ^{12,13} - Direct mount, remodel ¹⁰ See page 6 for details. ¹¹ For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. ¹² 4" long cylinders require a remote driver. ¹³ Single wiring entry only. No daisy chain connections allowed.	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne CF# - Custom finish, specify RAL# NA - Not applicable	JA8 - JA8 compliant
12W - 12 W output, up to 725 lm	12W - 12 W output, up to 625 lm	SD1 - Single 0-10V input SELV ⁶ - ELV 120V STRI ⁶ - TRIAC 120V	RSD1 - Single 0-10V input RSELV ⁸ - ELV 120V RSTRI ⁸ - TRIAC 120V			



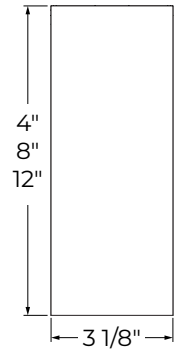
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SURFACE, SURFACE ASYMMETRIC



Dimensions

CYLINDER

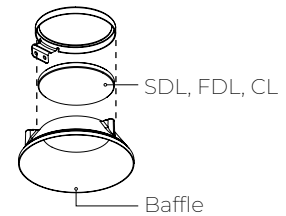
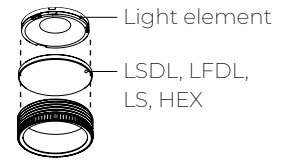


Minimum heights - Cylinder

Size	Integral driver in cylinder	Integral driver in J-box	Remote driver
Ø 3"	7"	4"	4"

*Consult factory for maximum heights.

Lens and Accessories



BAFFLE

BVL Bevel	PHL Pinhole	BVLD Decorative bevel
<p>■ Baffle finish</p> <p>■ Textured matte black</p>		

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SURFACE, SURFACE ASYMMETRIC



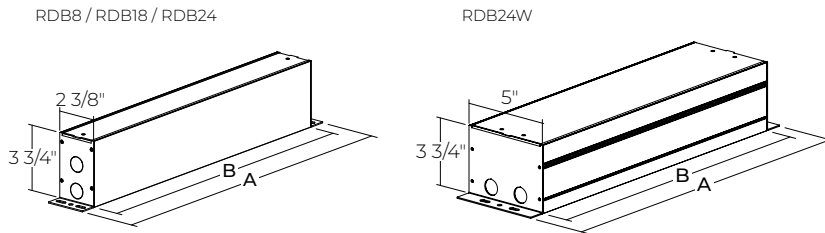
Mounting

CANOPY

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

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

REMOTE DRIVER BOX



	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 SOLA 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 DUO 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

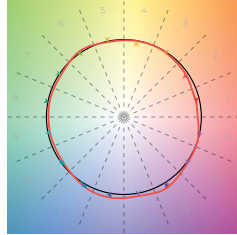
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Color Quality

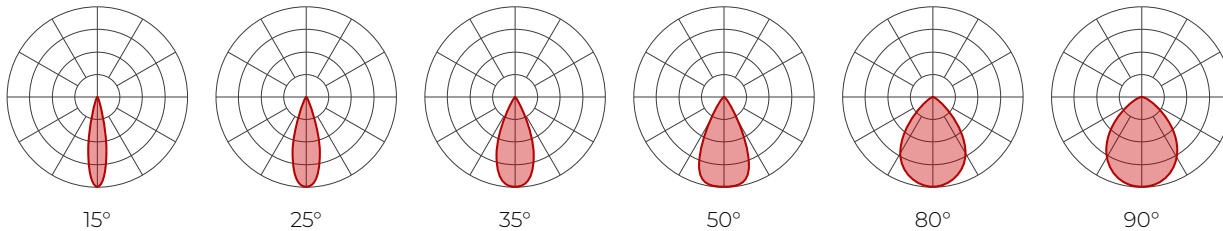
COLOR QUALITY - 3500K	
TM-30 Rr	90
TM-30 Ra	100
CRI	90
R9	> 50



Photometrics

SURFACE

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



Delivered lumens

CRI	90 CRI						95 CRI						80 CRI					
	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°
10 W	987	1053	1058	937	843	843	760	811	815	721	649	649	1056	1127	1132	1003	902	902
14 W	1347	1438	1444	1280	1152	1152	1037	1107	1112	986	887	887	1441	1539	1545	1370	1233	1233
20 W	1861	1986	1995	1768	1591	1591	1433	1529	1536	1361	1225	1225	1991	2125	2135	1892	1703	1703

Efficacy

CRI	90 CRI						95 CRI						80 CRI					
	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°
10 W	99	105	106	94	84	84	76	81	81	72	65	65	106	113	113	100	90	90
14 W	96	103	103	91	82	82	74	79	79	70	63	63	103	110	110	98	88	88
20 W	93	99	100	88	80	80	72	76	77	68	61	61	100	106	107	95	85	85

MULTIPLIERS

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

CCT		BAFFLE STYLE AND COLOR		LENS * (At baffle)		ACCESSORIES * (At light element)		
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 + LS = 1.1 x 1 x 0.84 = 0.924			
			Black	1				



AERA 3" CYLINDER

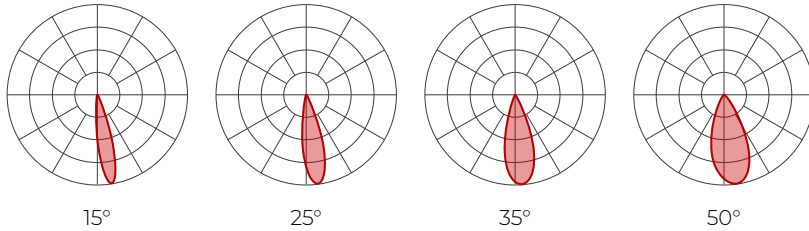
SURFACE, SURFACE ASYMMETRIC



Photometrics

SURFACE ASYMMETRIC

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



Delivered lumens

CRI	90 CRI				95 CRI				80 CRI			
	15°	25°	35°	50°	15°	25°	35°	50°	15°	25°	35°	50°
BEAM												
10 W	855	962	952	876	658	741	733	675	914	1029	1018	937
14 W	1167	1314	1300	1197	899	1012	1001	921	1249	1406	1391	1280
20 W	1612	1815	1795	1653	1241	1397	1382	1272	1725	1942	1921	1768

Efficacy

CRI	90 CRI				95 CRI				80 CRI			
	15°	25°	35°	50°	15°	25°	35°	50°	15°	25°	35°	50°
BEAM												
10 W	85	96	95	88	66	74	73	67	91	103	102	94
14 W	83	94	93	85	64	72	71	66	89	100	99	91
20 W	81	91	90	83	62	70	69	64	86	97	96	88

MULTIPLIERS

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

CCT		BAFFLE STYLE AND COLOR			LENS * (At baffle)		ACCESSORIES * (At light element)	
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
			Black	0.92	NOL - No lens	1.1	HEX - Hex louver	0.86
4000K	1.05	Decorative bevel	White	1	* When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924			
			Black	1				

For SOLA and DUO, please consult factory.

AERA 3" CYLINDER

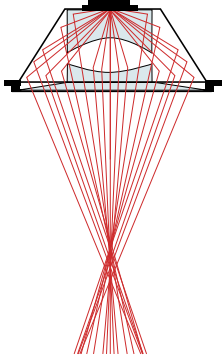
SURFACE, SURFACE ASYMMETRIC



Technical Specifications

OPTIC

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



LIGHT SOURCE

Static white

Compact COB (Chip-On-Board) LED module, available in 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

Canopy: Flat, conduit feed, and direct

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: Bevel, pinhole, and decorative bevel

WEIGHT

4": 1.4 lbs - 0.6 kg

8": 2 lbs - 0.9 kg

12": 2.4 lbs - 1.1 kg

AERA 3" CYLINDER

SURFACE, SURFACE ASYMMETRIC



LENS AND ACCESSORIES



Soft diffused lens, Solite



Frosted diffused lens



Clear lens



Linear spread



Hex louver

ENVIRONMENT

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

CERTIFICATIONS

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

ENERGY STAR: ENERGY STAR certified

Title 24 JAB: California Building Standards Code

Declare: [LBC Red List Approved](#)

WARRANTY

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