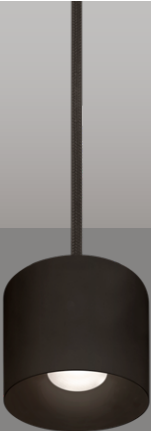


AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT




Declare.



**4" Height
Bevel**




**8" Height
Decorative Bevel**



**12" Height
Pinhole**

Beam Angles



15° 25° 35° 50° 80° 90° 80°-Up

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


Performance

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

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

Light Source

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




COB

2 Step Color Binning
Up to 95 CRI

Driver

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

Mounting Options



Flat	Conduit	Direct	Deep
Power Cord Stem Swivel Stem	Power Cord Stem Swivel Stem	Power Cord Stem	Power Cord Stem

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.

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 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT



Project: _____

Type: _____



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		
AE4CYP - Aera 4" Cylinder Pendant AE4CYPASY - Aera 4" Cylinder Pendant Asymmetric ¹ Pendant Wall Wash also available. Consult other spec sheet.	DI - Direct/Indirect D - Direct	DIRECT/INDIRECT ²		DIRECT	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne 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 finish, specify RAL#	
		6IN - 6"	8IN - 8"	4IN ³ - 4"				8IN - 8"
		12IN - 12"	12IN - 12"	CH#IN ⁴ - Custom height				

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 * See page 5 for details	LIGHT SOURCE	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	ACCESSORIES * See page 5 for details	VOLTAGE
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 ⁵ - 80° Very wide flood 90DEG ⁵ - 90° Open flood	2STP ⁶ - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse ⁶ Not available with full spectrum.	90CRI ⁷ - 90 CRI 95CRI - 95 CRI 80CRI ⁷ - 80 CRI ⁷ Not available with full spectrum.	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K SOLA ⁸ - Dim-to-warm single channel control DUO ⁹ - Tunable white 2-channel control	At light element ^{10,11} (choose up to 2 options) LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens LS - Linear spread HEX ¹² - Hex louver NA - None	120V - 120V 277V - 277V UNV - 120V-277V 347V ¹³ - 347V ¹³ Available with RD1 driver only. Please consult factory.
		⁵ Not available with Asymmetric. 50DEG - 50° Wide flood	3STP - 3 Step MacAdam Ellipse 90CRI - 90 CRI	⁸ 3500K to 2200K ⁹ 6500K to 2700K	¹⁰ Separate codes with a "*" if more than one is specified, e.g. LSDL+LS. ¹¹ LSDL and LFDL cannot be combined. LS and HEX cannot be combined. ¹² Not available with 80°/90° beam options.		
		* LSDL or LFDL at light element cannot be combined with SDL, FDL, or CL at baffle. For SOLA/DUO, one of the following lenses must be specified: SDL, FDL, LSDL, or LFDL.					

DIRECT WATTAGE ¹⁴	INDIRECT WATTAGE ¹⁷ Specify NA for Direct	DIMMING ¹⁸	ELECTRICAL
PENDANT 14W - 14 W output, up to 1538 lm 20W - 20 W, up to 2146 lm 28W ^{15,16} - 28 W, up to 2882 lm ¹⁴ Lumen outputs are reduced with full spectrum, consult factory. ¹⁵ Not available for a Direct/Indirect fixture. ¹⁶ Not available with full spectrum.	PENDANT ASY. 14W - 14 W output, up to 1119 lm 20W - 20 W, up to 1782 lm 28W ^{15,16} - 28 W, up to 2393 lm ¹⁷ Lumen outputs are reduced with full spectrum, consult factory.	INTEGRAL DI - 1% 0-10V ELV ¹⁹ - ELV 120V TRI ¹⁹ - TRIAC 120V ¹⁸ PoE (Power-over-Ethernet) compatible. Consult factory for details. ¹⁹ Available with 120V only.	REMOTE ²⁰ RD1 - 1% 0-10V RELV ²¹ - ELV 120V RTRI ²¹ - TRIAC 120V RLDEI ²² - Lutron Hi-lume 1% Eco ²⁰ A remote driver box is provided, see page 7 for details. ²¹ Available with 120V only. ²² On-site commissioning is required. ²³ For emergency battery, code will be like the following example: RD1+EB.
SOLA 25W - 25 W output, up to 1400 lm DUO 19W - 19 W output, up to 1100 lm	SOLA 25W - 25 W output, up to 1100 lm DUO 19W - 19 W output, up to 900 lm	SOLA 12W - 12 W output, up to 483 lm DUO 11W - 11 W output, up to 305 lm NA - Not applicable	1C - 1 circuit 2C ²⁴ - 2 circuits ²⁴ Available with Direct/Indirect only.
SOLA 12W - 12 W output, up to 483 lm DUO 11W - 11 W output, up to 305 lm NA - Not applicable	SOLA 12W - 12 W output, up to 483 lm DUO 11W - 11 W output, up to 305 lm NA - Not applicable	SOLA SDI - Single 0-10V input SELV ¹⁹ - ELV 120V STRI ¹⁹ - TRIAC 120V	DUO RDMX ²² - DMX RDDA ²² - DALI DT6 RDDA8 ²² - DALI DT8 RDDI - Dual 0-10V input for CCT/intensity RLD2 ²² - Lutron DALI-2 digital

CANOPY TYPE ²⁵	CANOPY FINISH	SUSPENSION	OPTION ³⁹
FLR ^{26,27} - Flat round canopy, 4" octagonal junction box CDR ^{26,27} - Conduit feed, round canopy DMNC ^{26,28} - Direct mount, new construction DMRM ^{26,28,29} - Direct mount, remodel DR ³⁰ - Deep round canopy ²⁵ See page 6 for details. ²⁶ Direct/Indirect requires a remote driver. ²⁷ For 4" long cylinders, driver has to be in j-box when specified with integral drivers. See page 6 for details. ²⁸ 4" long cylinders require a remote driver. ²⁹ Single wiring entry only. No daisy chain connections allowed. ³⁰ Can accommodate up to 2 drivers.	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne finish, specify RAL# CF# - Custom finish, specify RAL#	POWER CORD ^{31,32} BPC##IN - Black PVC WPC##IN - White PVC CF#S##IN ^{33,34,35} - Custom color fabric, consult factory ³¹ Min 18" - max 72", specify length (##) in inches. ³² Not available with Asymmetric. ³³ Not available with DI and SDI dimming options. ³⁴ Not available for DI fixture. ³⁵ Specify fabric color (#).	STEM ³⁶ BKS##IN - Textured black stem WHS##IN - Textured white stem BKSS##IN ³⁷ - Textured black swivel stem WHSS##IN ³⁷ - Textured white swivel stem CF#S##IN ³⁸ - Custom finish stem CF#SS##IN ^{37,38} - Custom finish swivel stem ³⁶ Min 10" - max 72", specify length (##) in inches. ³⁷ Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. ³⁸ Specify RAL#.
NA - None ³⁹ To specify an ENERGY STAR certified fixture, see page 3. To specify a JA8 compliant fixture, see page 4.			

AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT
ENERGY STAR



Project: _____
Type: _____



Order Guide

LUMINAIRE ID ¹	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	D				
AE4CYP - Aera 4" Cylinder Pendant AE4CYPASY - Aera 4" Cylinder Pendant Asymmetric ¹ Pendant Wall Wash also available. Consult other spec sheet.	D - Direct	4IN² - 4" 8IN - 8" 12IN - 12" CH#IN³ - 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	DIRECT 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

DIRECT WATTAGE	INDIRECT WATTAGE	DIMMING	ELECTRICAL
14W	NA		1C
PENDANT 14W - 14 W output, up to 1538 lm	PENDANT ASY. 14W - 14 W output, up to 1119 lm	NA - Not applicable INTEGRAL D1 - 1% 0-10V ELV⁴ - ELV 120V TRI⁴ - TRIAC 120V ⁴ Available with 120V only.	REMOTE⁵ RD1 - 1% 0-10V RELV⁶ - ELV 120V RTRI⁶ - TRIAC 120V RLDE1⁷ - 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.

CANOPY TYPE ⁸	CANOPY FINISH	SUSPENSION	OPTION
			ES
FLR⁹ - Flat round canopy, 4" octagonal junction box CDR⁹ - Conduit feed, round canopy DMNC¹⁰ - Direct mount, new construction DMRM^{10,11} - Direct mount, remodel DR¹² - 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#	POWER CORD^{13,14} BPC##IN - Black PVC WPC##IN - White PVC CF#F##IN^{15,16} - Custom color fabric, consult factory ¹³ Min 18" - max 72", specify length (##) in inches. ¹⁴ Not available with Asymmetric. ¹⁵ Not available with D1 dimming option. ¹⁶ Specify fabric color (#).	STEM¹⁷ BKS##IN - Textured black stem WHS##IN - Textured white stem BKSS##IN¹⁸ - Textured black swivel stem WHSS##IN¹⁸ - Textured white swivel stem CF#S##IN¹⁹ - Custom finish stem CF#SS##IN^{18,19} - Custom finish swivel stem ¹⁷ Min 10" - max 72", specify length (##) in inches. ¹⁸ Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. ¹⁹ Specify RAL#.



AERA 4" CYLINDER

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



Project: _____

 Type: _____



Order Guide

LUMINAIRE ID ¹	DISTRIBUTION	CYLINDER HEIGHT	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
	D				
AE4CYP - Aera 4" Cylinder Pendant AE4CYPASY - Aera 4" Cylinder Pendant Asymmetric ¹ Pendant 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	DIRECT BEAM	COLOR QUALITY	CRI	COLOR TEMP.	ACCESSORY * See page 5 for details	VOLTAGE
	SW			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	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	90CRI - 90 CRI	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	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.

DIRECT WATTAGE		INDIRECT WATTAGE	DIMMING	ELECTRICAL	
14W		NA		1C	
PENDANT	PENDANT ASY.	NA - Not applicable	INTEGRAL	REMOTE ⁶	
14W - 14 W output, up to 1538 lm	14W - 14 W output, up to 1119 lm		D1 - 1% 0-10V ELV ⁵ - ELV 120V TRI ⁵ - TRIAC 120V ⁵ Available with 120V only.	RD1 - 1% 0-10V RELV ⁷ - ELV 120V RTRI ⁷ - TRIAC 120V RLDEI 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	

CANOPY TYPE ⁹	CANOPY FINISH	SUSPENSION	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#	POWER CORD ^{14,15} BPC##IN - Black PVC WPC##IN - White PVC CF#F##IN ^{16,17} - Custom color fabric, consult factory ¹⁴ Min 18" - max 72", specify length (##) in inches. ¹⁵ Not available with Asymmetric. ¹⁶ Not available with D1 dimming option. ¹⁷ Specify fabric color (#).	STEM ¹⁸ BKS##IN - Textured black stem WHS##IN - Textured white stem BKSS##IN ¹⁹ - Textured black swivel stem WHSS##IN ¹⁹ - Textured white swivel stem CF#S##IN ²⁰ - Custom finish stem CF#SS##IN ^{19,20} - Custom finish swivel stem ¹⁸ Min 10" - max 72", specify length (##) in inches. ¹⁹ Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with FLR/CDR and integral driver. ²⁰ Specify RAL#.	JA8 - JA8 compliant



AERA 4" CYLINDER

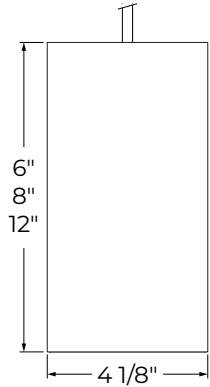
PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT



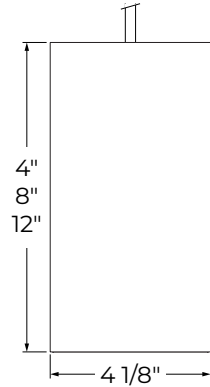
Dimensions

CYLINDER

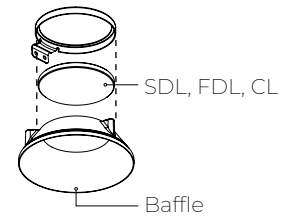
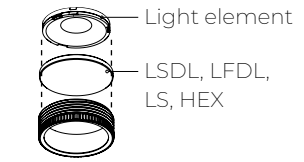
Direct/Indirect



Direct



Lens and Accessories



Minimum heights - Cylinder

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

*Consult factory for maximum heights.

BAFFLE

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

AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC
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
Canopy type					
Distribution	Direct				Direct/Indirect Direct
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 4 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"
Suspension	Power cord, Stem, Swivel stem ¹ ¹ Not available for 4" long cylinders specified with FLR/CDR.		Power cord, Stem		
Min. height	4" (Driver in junction box) 8" (Driver in cylinder)		8"		D/I - 6" D - 4"
				Single wiring entry only. No daisy chain connections allowed.	D/I - 2 drivers in canopy D - 1 driver in canopy 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					
Distribution	Direct/Indirect Direct				
Canopy size	Ø 4 1/2" Height 3/8"	Ø 5 1/2" Height 1 15/16"	Ø 4 1/8" Height 2"		Ø 5 5/8" Height 1 3/8"
Suspension	Power cord, Stem, Swivel stem		Power cord, Stem		
Min. height			D/I - 6" D - 4"		
				Single wiring entry only. No daisy chain connections allowed.	

AERA 4" CYLINDER

PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT

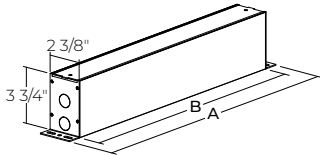


SUSPENSION

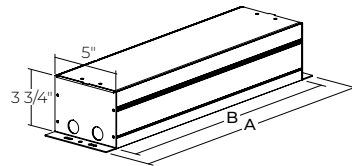
POWER CORD ¹		STEM	
PVC	Fabric ^{2,3}	Stem	Swivel stem ^{4,5}
Power Cord Lengths (*)		Stem Lengths (*)	
Min 18" Max 72"	Min 18" Max 72"	Min 10" Max 72"	Min 10" Max 72" Max 45° tilt
¹ Not available with Asymmetric. ² Not available with D1 and SD1 dimming options. ³ Not available for DI fixture.		⁴ Not available with DMNC/DMRM/DR canopy options, or for 4" long cylinders when specified with CDR and integral driver. ⁵ 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 SOLA RSDI - 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

AERA 4" CYLINDER

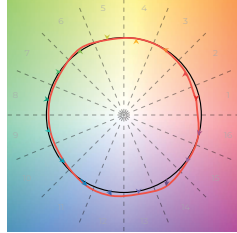
PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT



Color Quality

COLOR QUALITY - 3500K

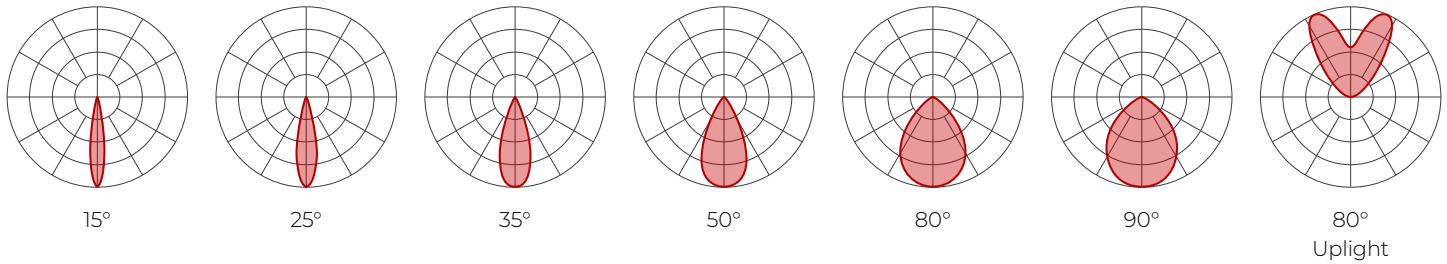
TM-30 Rr	90
TM-30 Ra	100
CRI	90
R9	> 50



Photometrics

PENDANT

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



Delivered lumens

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

Efficacy

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

MULTIPLIERS

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
3000K	0.95		Black	1	FDL - Frosted lens	0.8
3500K	1	Pinhole	White	0.92	CL - Clear lens	1.1
4000K	1.05		Black	0.92	NOL - No lens	1.1
For SOLA and DUO, please consult factory.		Decorative bevel	White	1	* When more than one lens or accessory is specified, multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924	
			Black	1	LSDL - Soft diffused lens, Solite	1
					LFDL - Frosted lens	0.8
					LS - Linear spread	0.84
					HEX - Hex louver	0.86

DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

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



AERA 4" CYLINDER

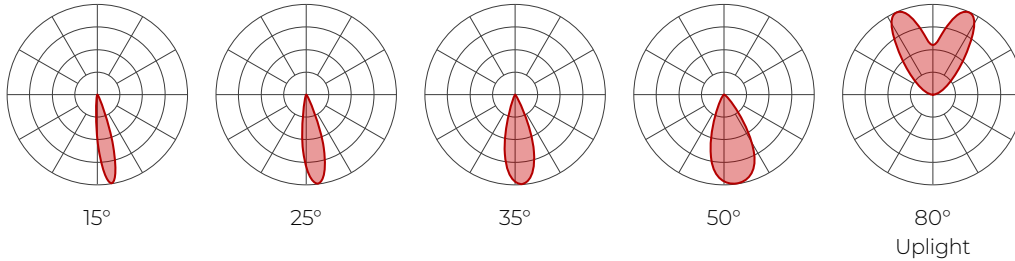
PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT



Photometrics

PENDANT ASYMMETRIC

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



Delivered lumens

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

Efficacy

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

MULTIPLIERS

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				

DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.

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

AERA 4" CYLINDER

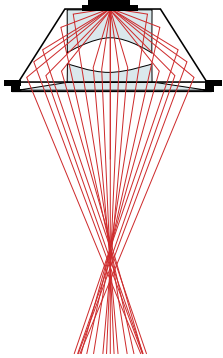
PENDANT, PENDANT ASYMMETRIC
DIRECT/INDIRECT, DIRECT



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

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

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: Bevel, pinhole, and decorative bevel

AERA 4" CYLINDER

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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

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.