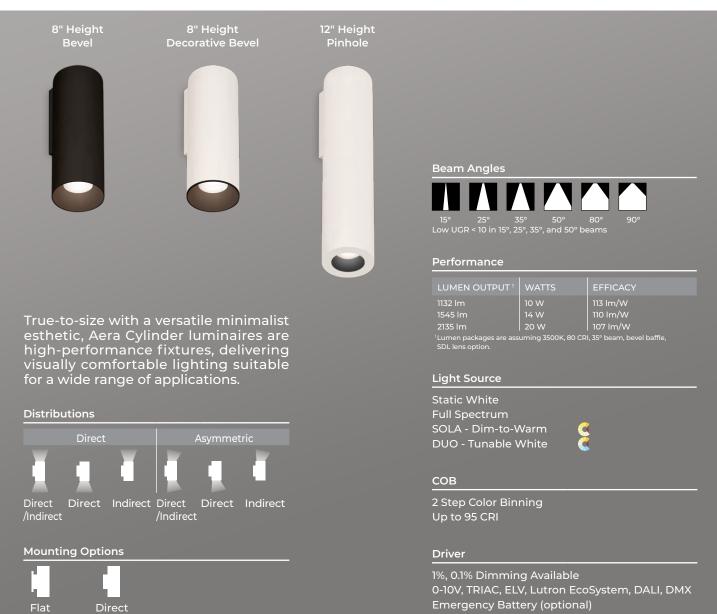


WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT







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







Round / Square Recessed Wall Wash

#### Multi-aperture







Round / Square Recessed Wall Wash

#### Cylinder







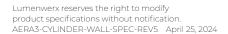
Wall Pendant Asymmetric Wall Asymmetric



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









WALL, WALL ASYMMETRIC
DIRECT/INDIRECT, DIRECT, INDIRECT

Lumenwerx
Lamburg

Project:

Туре:



## Order Guide

LUMINAIRE ID	DISTRIBUTION	CYLINDER HEIGHT 1		CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE3CYW - Aera 3"	DI - Direct/	DIRECT/INDIRECT	DIRECT OR INDIRECT	FTMW - Textured	BVL - Bevel	FTMW - Textured matte
Cylinder Wall  AE3CYWASY - Aera 3" Cylinder  Wall Asymmetric	Indirect D - Direct I - Indirect	6IN <sup>2</sup> - 6" 8IN <sup>2</sup> - 8" 12IN <sup>3</sup> - 12" 14IN - 14"	6IN <sup>3</sup> - 6" 8IN - 8" 12IN - 12" 14IN - 14"	matte white  FTMB - Textured  matte black  FCHP - Champagne  CF# - Custom finish,	PHL - Pinhole BVLD - Decorative bevel	white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne
				specify RAL#		CF# - Custom finish, specify RAL#

LENS * See page 4 for details	LIGHT SOURCE	DIRECT BEAM Specify NA for Indirect	INDIRECT BEAM Specify NA for Direct	COLOR QUALITY	CRI	COLOR TEMP.	ACCESSORIES * See page 4 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 NA - Not applicable Asymmetric.	15DEG - 15° Narrow spot 25DEG - 25° Spot 35DEG - 35° Narrow flood 50DEG - 50° Wide flood 80DEG <sup>5</sup> - 80° Very wide flood 90DEG <sup>5</sup> - 90° Open flood NA - Not applicable  *Not available with Asymmetric.	2STP <sup>6</sup> - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse <sup>6</sup> 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 <sup>8</sup> - Dim- to-warm single channel control DUO <sup>9</sup> - 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  10 Separate codes with a 14 if more than one is specified, e.g. LSDL+LS
		<b>50DEG</b> - 50° Wide flood <b>NA</b> - Not applicable	<b>50DEG</b> - 50° Wide flood <b>NA</b> - Not applicable	<b>3STP</b> - 3 Step MacAdam Ellipse	<b>90CRI</b> - 90 CRI	<sup>9</sup> 6500K to 2700K	"LSDL and LFDL cannot be combined. LS and HEX cannot be combined. "2 Not available with 80°/90° beam options.

<sup>\*</sup> 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.

VOLTAGE	E DIRECT WATTAGE <sup>14</sup> Specify NA for Indirect		INDIRECT WATTAGE <sup>16</sup> Specify NA for Direct		DIMMING 18		
<b>120V</b> - 120V	WALL	WALL ASY.	WALL	WALL ASY.	INTEGRAL	REMOTE 20	
277V - 277V UNV - 120V-277V 347V <sup>13</sup> - 347V <sup>13</sup> Available with RDI	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm 20W <sup>15</sup> - 20 W output, up to 2135 lm	10W - 10 W output, up to 1029 Im 14W - 14 W output, up to 1406 Im 20W <sup>15</sup> - 20 W output, up to 1942 Im	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm 20W <sup>17</sup> - 20 W output, up to 2135 lm	10W - 10 W output, up to 1029 lm 14W - 14 W output, up to 1406 lm 20W <sup>π</sup> - 20 W output, up to 1942 lm	D1 - 1% 0-10V ELV <sup>19</sup> - ELV 120V TRI <sup>19</sup> - TRIAC 120V <sup>18</sup> PoE (Power-over-Ethernet) compatible, Consult	RD1 - 1% 0-10V RELV <sup>21</sup> - ELV 120V RTRI <sup>21</sup> - TRIAC 120V RLDE1 <sup>22</sup> - Lutron Hi-lume 1% Eco	RDA <sup>22</sup> - DALI RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1% SOLOdrive 0-10V +EB <sup>22</sup> - Emergency battery provided, see page 5 for details.
driver only. Please consult factory.	NA - Not applicable  16 Lumen outputs are reduced with full spectrum, consult factory.  18 Not available for a Direct/Indirect fixture.		NA - Not applicable  N6 Lumen outputs are reduced with full spectrum, consult factory.  Not available for a Direct/Indirect fixture.		factory for details. <sup>20</sup> A remote driver box is provided, se <sup>20</sup> A vailable with 120V only. <sup>21</sup> Available with 120V only. <sup>22</sup> On-site commissioning is required <sup>25</sup> For emergency battery, code will t  example: RD1+EB.		y. g is required.
	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 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 <sup>19</sup> - ELV 120V STRI <sup>19</sup> - TRIAC 120V	input	DUQ RDMX <sup>22</sup> - DMX RDDA <sup>22</sup> - DALI DT6 RDDA8 <sup>22</sup> - DALI DT8 RDD1 - Dual 0-10V input for CCT/intensity RLD2 <sup>22</sup> - Lutron DALI-2 digital
	NA - Not	applicable	NA - Not	applicable			Ü

ELECTRICAL	MOUNTING TYPE	MOUNTING FINISH 25	OPTION <sup>26</sup>
			NA
1C - 1 circuit 2C <sup>24</sup> - 2 circuits	FLS - Flat square canopy, 4" octagonal junction box DM - Direct mount	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne	NA - None <sup>26</sup> To specify a JA8 compliant fixture, see
<sup>24</sup> Available with Direct/Indirect and remote driver only.		CF# - Custom finish, specify RAL#	page 3.
		<sup>25</sup> Direct mount finish matches cylinder finish.	





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

	Lumenwerx
Project:	



## Order Guide

LUMINAIRE ID	DISTRIBUTION	CYLINDER HEIGHT <sup>1</sup>	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE3CYW - Aera 3" Cylinder Wall AE3CYWASY - Aera 3"	D - Direct I - Indirect	6IN <sup>2</sup> - 6" 8IN - 8" 12IN - 12"	FTMW - Textured matte white FTMB - Textured matte	BVL - Bevel PHL - Pinhole BVLD - Decorative bevel	FTMW - Textured matte white FTMB - Textured matte
Cylinder Wall Asymmetric		<b>14IN</b> - 14"	black FCHP - Champagne	BVLD - Decorative bever	black FSPC - Specular
		<sup>1</sup> For minimum heights, see dimensions on page 4. <sup>2</sup> Available with remote driver only when specified with Wall Asymmetric.	CF# - Custom finish, specify RAL#		FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL#

Туре:

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

<sup>\*</sup>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.

VOLTAGE	DIRECT WATTAGE Specify NA for Indirect		INDIRECT WATTAGE Specify NA for Direct		DIMMING		
<b>120V</b> - 120V	WALL	WALL ASY.	WALL	WALL ASY.	INTEGRAL	REMOTE 7	
277V - 277V UNV - 120V-277V	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm NA - Not :	10W - 10 W output, up to 1029 Im 14W - 14 W output, up to 1406 Im applicable	10W - 10 W output, up to 1132 lm 14W - 14 W output, up to 1545 lm NA - Not a	<b>10W</b> - 10 W output, up to 1029 Im <b>14W</b> - 14 W output, up to 1406 Im applicable	D1 - 1% 0-10V ELV <sup>6</sup> - ELV 120V TRI <sup>6</sup> - TRIAC 120V <sup>6</sup> Available with 120V only.	RD1 - 1% 0-10V RELV 8 - ELV 120V RTRI 8 - TRIAC 120V RLDE1 9 - Lutron Hi-lume 1% Eco  7A remote driver box is provided, see page 5 for details. Available with 120V only. 9 On-site commissioning is required.	
	<b>12W</b> - 12 W output, up to 725 lm	<b>12W</b> - 12 W output, up to 625 lm	<b>12W</b> - 12 W output, up to 725 lm	<b>12W</b> - 12 W output, up to 625 lm	SD1 - Single 0-10V input SELV <sup>6</sup> - ELV 120V	RSD1 - Single 0-10V input RSELV <sup>8</sup> - ELV 120V	
	NA - Not applicable		NA - Not applicable		STRI <sup>6</sup> - TRIAC 120V	RSTRI 8 - TRIAC 120V	

ELECTRICAL	MOUNTING TYPE	MOUNTING FINISH <sup>10</sup>	OPTION
1C			JA8
1C - 1 circuit	FLS - Flat square canopy, 4" octagonal junction box DM - Direct mount	FTMW - Textured matte white FTMB - Textured matte black FCHP - Champagne CF# - Custom finish, specify RAL#  **Direct mount finish matches cylinder finish.	JA8 - JA8 compliant

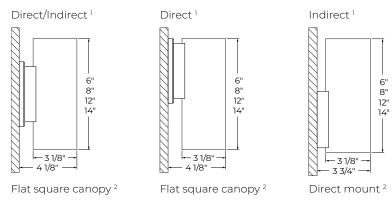


# **Lumenwerx**

WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

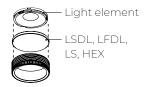
### **Dimensions**

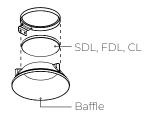
#### CYLINDER



<sup>&</sup>lt;sup>1</sup>Certain restrictions apply. See page 2 for the height options available with integral and remote.

## Lens and Accessories





#### Minimum heights - Cylinder

Size	Distribution	Direct		Asymr	metric
		Integral driver	Remote driver	Integral driver	Remote driver
Ø 71	Direct/Indirect	12"	6"	14"	8"
Ø 3"	Direct or Indirect	6"	6"	8"	6"

<sup>\*</sup>Consult factory for maximum heights.

#### BAFFLE

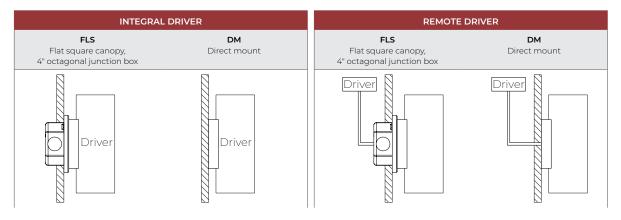
<b>BVL</b> Bevel	<b>PHL</b> Pinhole	<b>BVLD</b> Decorative bevel
Baffle finish Textured matte black		
Ø31/16" Ø113/16"	Ø31/16" Ø113/16"	Ø31/8' Ø113/16'
Cut-off 7/8"  55° Shielding	Optic	23° 1" 1" 3/16° Shielding

<sup>&</sup>lt;sup>2</sup>Flat square canopy and direct mount options are available with all Direct/Indirect, Direct and Indirect.

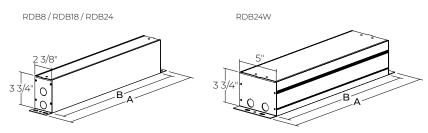


WALL, WALL ASYMMETRIC
DIRECT/INDIRECT, DIRECT, INDIRECT

## Mounting



#### REMOTE DRIVER BOX



	RDB8	RDB18	RDB24	RDB24W
Α	10"	20"	26"	26"
В	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  RTR1+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

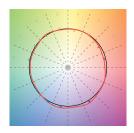




WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

## Color Quality

# TM-30 R<sub>f</sub> 90 TM-30 R<sub>g</sub> 100 CRI 90 R9 > 50

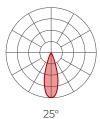


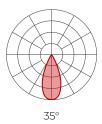
#### **Photometrics**

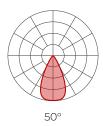
#### WALL

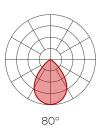
Values calculated based on 3500K, bevel baffle, and SDL lens option.

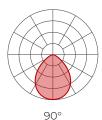












#### Delivered lumens

CRI	90 CRI						95 CRI					80 CRI						
BEAM	15°	25°	35°	50°	80°	90°	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							
BEAM	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.

ory roo, barrie corore, remaining arra accessor								
ССТ		BAFFLE STYLE AND COLOR						
2700K	0.9	David	White	1				
3000K	0.95	Bevel	Black	1				
3500K	1	Pinhole	White	0.92				
4000K	1.05	Pirinole	Black	0.92				
For SOLA	,	Decorative	White	1				
please cor factory.	ISUIT	bevel	Black	1				

LENS * (At baffle)		ACCESSORIES * (At light element)					
SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1				
FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8				
CL - Clear lens	1.1	LS - Linear spread	0.84				
NOL - No lens	1.1	HEX - Hex louver	0.86				
*When more than one lens or accessory is specified.							

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

#### DIRECT/INDIRECT - EFFICACY CALCULATION

For Direct/Indirect performance values, follow the formula.





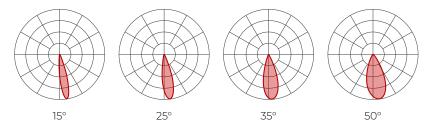


WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

#### **Photometrics**

#### WALL 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°	15°	25°	35°	50°	15°	25°	35°	50°
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			
BEAM	15°	25°	35°	50°	15°	25°	35°	50°	15°	25°	35°	50°
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.

ССТ		BAFFLE STYLE AND COLOR					
2700K	0.9		White	1			
3000K	0.95	Bevel	Black	1			
3500K	1	Pinhole	White	0.92			
4000K	1.05	Pinnoie	Black	0.92			
For SOLA and DUO,		Decorative bevel	White	1			
please consult facto	ry.	Decorative bever	Black	1			

LENS* (At baffle)		ACCESSORIES * (At light element)				
SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1			
FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8			
CL - Clear lens	1.1	LS - Linear spread	0.84			
NOL - No lens	1.1	HEX - Hex louver	0.86			

\* 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

For Direct/Indirect performance values, follow the formula.

DIRECT/INDIRECT - EFFICACY CALCULATION



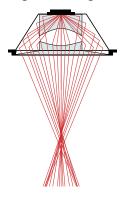
# **Lumenwerx**

# WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

## 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-lon 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**: Extruded aluminum Canopy: Flat and direct Arm: Machined aluminum

**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





# **Lumenwerx**

## WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

#### WEIGHT

Direct/Indirect	Direct or Indirect
<b>6"</b> : 1.8 lbs - 0.8 kg <b>12"</b> : 3 lbs - 1.4 kg	<b>6"</b> : 1.6 lbs - 0.7 kg <b>8"</b> : 2 lbs - 0.9 kg <b>12"</b> : 2.4 lbs - 1.1 kg

#### LENS AND ACCESSORIES











**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.

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.

