

WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT







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



Round / Square Round / Square Recessed Adjustable Recessed



Round / Square Recessed Wall Wash



Round / Square Recessed Adjustable



Round / Square



2"/3"/4"/5" Pendant

Cylinder



Wall Pendant Asymmetric Wall Asymmetric Pendant Wall Wash



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









WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

Lumenwerx
Lumenwerk

Project:

Туре:



To specify a Title 24 JA8 compliant fixture, see page 3.

#### Order Guide

<u>Order du</u>	nac									
LUMINAIRE ID	DISTRIBUTION	CYLINDER HEIGHT <sup>1</sup>		CYLINDER FINISH	BAFFLE STYLE	BAFFLE	FINISH	LENS * See page 4 for details		
AE2CYW - Aera 2"       DI - Direct/Indirect       6IN 2.3 - 6"         Cylinder Wall       D - Direct       8IN 2 - 8"         AE2CYWASY - D - Direct       12IN - 12"			FTMW - Matte white FTMB - Matte black FCHP - Champagne	BVL - Bevel PHL - Pinhole BVLD -	FTMW - M FTMB - M FSPC - Sa		At baffle (choose 1 option) Specify NOL for Pinhole			
Aera 2" Cylinder Wall Asymmetric	I - Indirect	<sup>1</sup> For actual heights and minir dimensions on page 4. <sup>2</sup> For DI fixture, available with <sup>3</sup> For Wall asymmetric with D not available with integral d	remote driver only. irect or Indirect fixture,	FDBZ - Dark bronze CF# - Custom finish, specify RAL#	Decorative bevel	FCHP - Ch FDBZ - Da	fatte silver nampagne ark bronze tom finish, L#	SDL - Soft diffused lens, Solite FDL - Frosted diffused lens CL - Clear lens NOL - No lens		
LIGHT SOURCE DIRECT BEAM INDIRECT BEAM Specify NA for Indirect Specify NA for Direct		COLOR QUALITY	CRI	COLOR TEMPER	RATURE	ACCESSO See page 4				
SW - Static white FS - Full spectrum static white	10DEG <sup>4</sup> - 10° Very narrow spot 15DEG <sup>4</sup> - 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		2STP <sup>6</sup> - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse <sup>6</sup> Not available with full spectrum.	80CRI 7 - 80 + CRI 90CRI 7 - 90 + CRI 95CRI - 95 + CRI 7 Not available with full spectrum.	24K 8 - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K 8 - 5000K	5+ CRI.	At light element 9,10 (choose up to 2 options for SW/FS and 1 option for SOLA/DUO)  LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens LS - Linear spread HEX 11 - Hex louver NA - None			
SOLA - Dim- to-warm single channel control DUO - Tunable white 2-channel control	NA - Not applicable  A - Dimarm single annel control  - Tunable e 2-channel  NA - Not available with full spectrum. Snot available with Asymmetric.  25DEG - 25° Spot  35DEG - 35° Narrow flood		<b>3STP</b> - 3 Step MacAdam Ellipse	<b>90CRI</b> - 90+ CRI	SOLA 30K18K - 3000K t 27K18K - 2700K to DUO 65K27K - 6500K to 50K27K - 5000K to	specified, policy land HEX cannus of 2700K		codes with a "+" if more than one is e.g. LSDL+LS. I LFDL cannot be combined. LS and iot be combined. ble with 80°/90° beam options.		

 $^{\ast}$  LSDL or LFDL at light element cannot be combined with SDL, FDL, or CL at baffle.

VOLTAGE	DIRECT WATTAGE Specify NA for Indirect	13	INDIRECT WATTAG Specify NA for Direct	E 15	DIMMING <sup>17</sup>						
120V - 120V 277V - 277V UNV - 120V-277V 347V 12 - 347V	WALL	WALL ASY.	WALL	WALL ASY.	INTEGRAL	REMOTE 19					
	<b>7W</b> - 7 W output, up to 560 lm <b>10W</b> <sup>14</sup> - 10 W output, up to 736 lm	7W - 7 W output, up to 511 lm 10W <sup>14</sup> - 10 W output, up to 689 lm	<b>7W</b> - 7 W output, up to 560 lm <b>10W</b> <sup>16</sup> - 10 W output, up to 736 lm	<b>7W</b> - 7 W output, up to 511 lm <b>10W</b> <sup>16</sup> - 10 W output, up to 689 lm	<b>D1</b> - 1% 0-10V <b>ELV</b> <sup>18</sup> - ELV 120V <b>TRI</b> <sup>16</sup> - TRIAC 120V	RD1 - 1% 0-10V RELV <sup>20</sup> - ELV 120V RTRI <sup>20</sup> - TRIAC 120V RLDE1 <sup>21</sup> - Lutron	RDA <sup>21</sup> - DALI RELD1 - eldoLED 1% ECOdrive 0-10V RELD0 - eldoLED 0.1%				
	NA - Not a	applicable	<b>NA</b> - Not a	applicable	<sup>17</sup> PoE (Power- over-Ethernet)	Hi-lume 1% Eco	SOLOdrive 0-10V +EB <sup>22</sup> - Emergency battery				
<sup>12</sup> Available with RD1 driver only. Please	<sup>13</sup> Lumen outputs are redu consult factory. <sup>14</sup> Not available for a Direct	,	<sup>15</sup> Lumen outputs are redu consult factory. <sup>16</sup> Not available for a Direct		compatible. Consult factory for details. <sup>18</sup> Available with 120V	<sup>19</sup> A remote driver box is provided. <sup>20</sup> Available with 120V only.					
consult	SOLA	SOLA	SOLA	SOLA	only.	<sup>21</sup> On-site commissioning is <sup>22</sup> To specify, add +EB to the	e selected dimming option, e.g. RD1+EB.				
factory.	<b>10W</b> <sup>14</sup> - 10 W output, up to 525 lm	<b>10W</b> <sup>14</sup> - 10 W output, up to 480 lm	<b>10W</b> <sup>16</sup> - 10 W output, up to 525 lm	<b>10W</b> <sup>16</sup> - 10 W output, up to 480 lm	SOLA SD1 - Single	SOLA RSD1 - Single 0-10V	DUO RDMX <sup>21</sup> - DMX				
	<u>DUO</u> <b>8W</b> - 8 W output, up to 500 lm	<u>DUO</u> <b>8W</b> - 8 W output, up to 455 Im	<u>DUO</u> <b>8W</b> - 8 W output, up to 500 Im	<u>DUO</u> <b>8W</b> - 8 W output, up to 455 Im	0-10V input SELV <sup>18</sup> - ELV 120V STRI <sup>18</sup> - TRIAC 120V	input  RSELV <sup>20</sup> - ELV 120V  RSTRI <sup>20</sup> - TRIAC  120V	RDDA <sup>21</sup> - DALI DT6 RDDA8 <sup>21</sup> - DALI DT8 RDD1 - Dual 0-10V input for CCT/intensity				
	<b>NA</b> - Not a	applicable	<b>NA</b> - Not a	applicable	1200	1200	RLD2 <sup>21</sup> - Lutron DALI-2 digital +EB <sup>22</sup> - Emergency battery				

ELECTRICAL	MOUNTING TYPE	MOUNTING FINISH <sup>24</sup>	OPTION <sup>25</sup>
			NA
1C - 1 circuit	FLS - Flat square canopy, 4" octagonal	FTMW - Matte white	NA - None
2C <sup>23</sup> - 2 circuits	junction box	FTMB - Matte black	
	<b>DM</b> - Direct mount	FCHP - Champagne	<sup>25</sup> To specify a JA8 compliant fixture, see
<sup>23</sup> Available with Direct/Indirect and remote		FDBZ - Dark bronze	page 3.
driver only.		CF# - Custom finish, specify RAL#	
		<sup>24</sup> Direct wall mount finish matches cylinder finish.	





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

	Lumenwerx	
Project:		_
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#### Order Guide

LUMINAIRE ID	DISTRIBUTION	CYLINDER HEIGHT <sup>1</sup>	CYLINDER FINISH	BAFFLE STYLE	BAFFLE FINISH
AE2CYW - Aera 2" Cylinder Wall AE2CYWASY - Aera 2" Cylinder Wall Asymmetric	D - Direct I - Indirect	6IN <sup>2</sup> - 6" 8IN - 8" 12IN - 12" <sup>1</sup> For actual heights and minimum heights, see dimensions on page 4. <sup>2</sup> For Wall asymmetric with Direct or Indirect fixture, not available with integral driver.	FTMW - Matte white FTMB - Matte black FCHP - Champagne FDBZ - Dark bronze CF# - Custom finish, specify RAL#	BVL - Bevel PHL - Pinhole BVLD - Decorative bevel	FTMW - Matte white FTMB - Matte black FSPC - Satin silver FSSPC - Matte silver FCHP - Champagne FDBZ - Dark bronze 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 50DEC - 50° Wide flood 80DEG 4 - 80° Very wide flood 90DEG 4 - 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	
	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 WATTAC Specify NA for Indirec		INDIRECT WATTA Specify NA for Direct		DIMMING						
120V - 120V	WALL	WALL ASY. WALL WALL		WALL ASY.	INTEGRAL	REMOTE 7					
<b>277V</b> - 277V	<b>7W</b> - 7 W output, up to 560 lm	<b>7W</b> - 7 W output, up to 511 lm	<b>7W</b> - 7 W output, up to 560 lm	<b>7W</b> - 7 W output, up to 511 lm	D1 - 1% 0-10V ELV <sup>6</sup> - ELV 120V	<b>RD1</b> - 1% 0-10V <b>RELV</b> 8 - ELV 120V					
	NA - Not	applicable	NA - Not	applicable	TRI 6 - TRIAC 120V	RTRI 8 - TRIAC 120V RLDE1 9 - Lutron Hi-lume 1% Eco					
	<b>8W</b> - 8 W output, up to 250 lm	<b>8W</b> - 8 W output, up to 200 lm	<b>8W</b> - 8 W output, up to 250 lm	<b>8W</b> - 8 W output, up to 200 lm	<sup>6</sup> Available with 120V only.	<sup>7</sup> A remote driver box is provided. <sup>8</sup> Available with 120V only.					
	NA - Not	applicable	NA - Not	applicable		<sup>9</sup> On-site commissioning is required.					
					SD1 - Single 0-10V input SELV <sup>6</sup> - ELV 120V STRI <sup>6</sup> - TRIAC 120V	RSD1 - Single 0-10V input RSELV <sup>8</sup> - ELV 120V RSTRI <sup>8</sup> - 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 - Matte white FTMB - Matte black FCHP - Champagne FDBZ - Dark bronze CF# - Custom finish, specify RAL#	JA8 - JA8 compliant

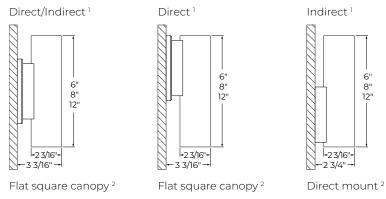


## **Lumenwerx**

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.

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

#### Minimum heights - Cylinder

Size	Distribution	Dir	ect	Asymmetric			
		Integral driver	Remote driver	Integral driver	Remote driver		
Ø 2"	Direct/Indirect	12"	6"	12"	6"		
₩ Z"	Direct or Indirect	6"	6"	8"	6"		

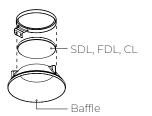
<sup>\*</sup>Consult factory for maximum heights.

#### BAFFLE

<b>BVL</b> Bevel	<b>PHL</b> Pinhole	<b>BVLD</b> Decorative bevel
Baffle finish  Matte black		
Ø 2 1/16" Ø 1 3/8"	Ø2 1/16" Ø11//4"	Ø 2 3/16" Ø 1 3/8"
Cut-off 7/8"  7/8"  Shielding	Optic Cut-off 7/8"	Cut-off 3/16"

#### Lens and Accessories



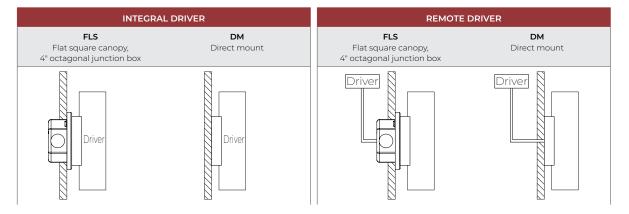






WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

#### Mounting



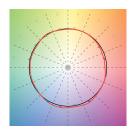




WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

#### Color Quality

# TM-30 R<sub>f</sub> 91 TM-30 R<sub>g</sub> 100 CRI 90+ R9 > 50



#### **Photometrics**

#### WALI

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



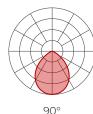












#### Delivered lumens (LM)

CRI	80+ CRI						90+ CRI							95+ CRI							
BEAM	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°
7 W	589	513	560	552	530	477	477	550	479	523	516	495	446	446	423	369	403	397	381	343	343
10 W	792	673	736	727	697	627	627	740	629	688	679	651	586	586	570	484	530	523	501	451	451

#### Efficacy (LM/W)

CRI	80+ CRI						90+ CRI						95+ CRI								
BEAM	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°	10°	15°	25°	35°	50°	80°	90°
7 W	84	73	80	79	76	68	68	79	68	75	74	71	64	64	60	53	58	57	54	49	49
10 W	79	67	74	73	70	63	63	74	63	69	68	65	59	59	57	48	53	52	50	45	45

#### 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.

		,	5						
сст		BAFFLE ST AND COLO			LENS * (At baffle)		ACCESSORIES * (At light element)		
2400K	0.87	Bevel	White	1	SDL - Soft diffused	1	LSDL - Soft diffused	1	
2700K	0.94	Devei	Black 1		lens, Solite		lens, Solite		
3000K	0.98		White	0.92	FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8	
3500K	,	Pinhole	Black	0.92	CL - Clear lens	1.1	LS - Linear spread	0.84	
3500K	'		DIACK	0.92	NOL - No lens	1.1	HEX - Hex louver	0.86	
4000K	1.05	Decorative	White	1	* When more than c	ne lens c	r accessory is specified	d,	

For SOLA and DUO, please consult factory.

1.05

#### DIRECT/INDIRECT - LPW CALCULATION

For Direct/Indirect performance values, follow the formula.

$$\frac{\left(\begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{LM} & + & \text{LM} \end{array}\right)}{\left(\begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{W} & + & \text{INDIRECT} \\ \end{array}\right)} = \text{LPW}$$



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

5000K

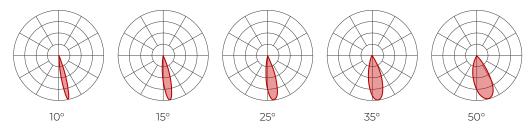


WALL, WALL ASYMMETRIC DIRECT/INDIRECT, DIRECT, INDIRECT

#### **Photometrics**

#### WALL ASYMMETRIC

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



#### Delivered lumens (LM)

CRI	80+ CRI						90+ CRI					95+ CRI					
BEAM	10°	15°	25°	35°	50°	10°	15°	25°	35°	50°	10°	15°	25°	35°	50°		
7 W	428	476	493	511	439	401	445	461	478	410	309	343	355	368	316		
10 W	577	641	664	689	591	539	599	621	644	552	415	461	478	496	425		

#### Efficacy (LM/W)

CRI			80+ CRI			90+ CRI					95+ CRI					
BEAM	10°	15°	25°	35°	50°	10°	15°	25°	35°	50°	10°	15°	25°	35°	50°	
7 W	61	68	70	73	63	57	64	66	68	59	44	49	51	53	45	
10 W	58	64	66	69	59	54	60	62	64	55	41	46	48	50	43	

#### **MULTIPLIERS**

For SOLA and DUO, please consult factory.

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 A	AND COLOR		LENS * (At baffle)	ACCESSORIES * (At light element)		
2400K	0.87		White	1	SDL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1
2700K	0.94	Bevel	Black	1	FDL - Frosted lens	0.8	LFDL - Frosted lens	0.8
3000K	0.98		White	0.92	CL - Clear lens	1.1	LS - Linear spread	0.8
3500K	1	Pinhole	Black	0.92	NOL - No lens	1.1	HEX - Hex louver	0.8
4000K	1.05		White	1	* When more than one lens or acc			
5000K	1.05	Decorative bevel	Black	1	multiply together the value of ea e.g. NOL + LSDL + LS = 1.1 x 1 x 0.8	r accessory.		

DIRECT/INDIRECT - LPW CALCULATION For Direct/Indirect performance values, follow the formula.

$$\frac{\left(\begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{LM} & + & \text{LM} \end{array}\right)}{\left(\begin{array}{ccc} \text{DIRECT} & + & \text{INDIRECT} \\ \text{W} & + & \text{W} \end{array}\right)} = \text{LPW}$$

0.8

0.84

0.86

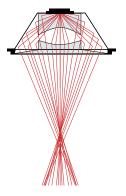
## **Lumenwerx**

## 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 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K 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 static white

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**: Matte white, matte black, champagne, and dark bronze. Custom colors also available (provide RAL #). Satin silver and matte silver finishes are also available for Baffle.

**Heat sink**: Die-cast aluminum **Baffle**: Die-cast aluminum

Baffle style: Bevel, pinhole, and decorative bevel





## **L**umenwerx

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

#### WEIGHT

Direct/Indirect	Direct or Indirect
<b>6"</b> : 1 lbs - 0.5 kg	<b>8"</b> : 1.2 lbs - 0.6 kg
<b>12"</b> : 1.8 lbs - 0.8 kg	<b>12"</b> : 1.5 lbs - 0.7 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 on 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.



