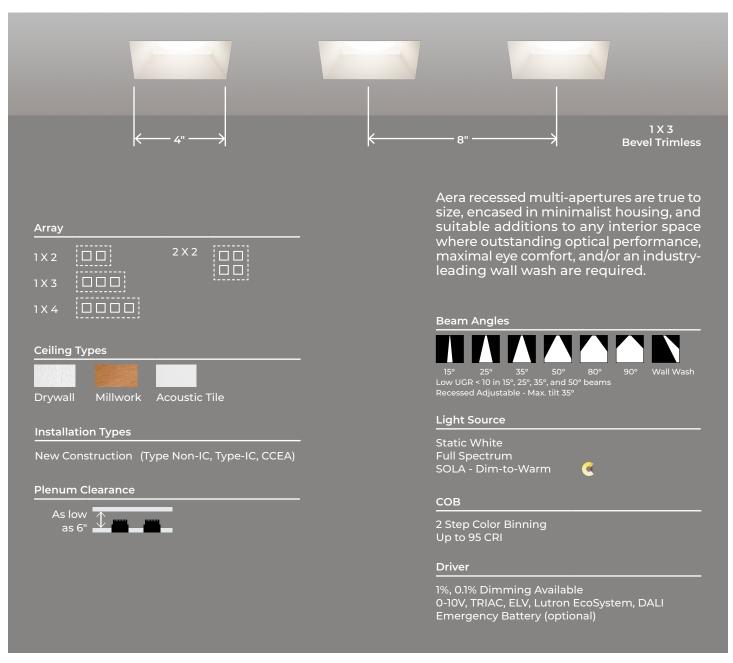
AERA 4" MULTI-APERTURE **Z** Lumenwerx

SQUARE RECESSED







Aera Family (Refer to other spec sheets) Downlight



Round / Square Round / Square Recessed Adjustable Recessed



Round / Square Recessed Wall Wash



Recessed Adjustable





Recessed Wall Wash

Cylinder







Wall



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







Pendant Wall Wash



AERA 4" MULTI-APERTURE **Lumenwerx**

SQUARE RECESSED

Project:			
_			
Typo:			

Order Guide

1 - Housing (Example: AE4MSR-1X2M-TRM-OF-ASB)

LUMINAIRE ID 1	ARRAY	TRIM STYLE	INSTALLATION TYPE	MOUNTING OPTION 3
AE4MSR				
AE4MSR - Aera 4" Multi- aperture Square Recessed Round recessed also available. Consult other spec sheet.	1X2M - 1 X 2 1X3M - 1 X 3 1X4M - 1 X 4 2X2M - 2 X 2	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW - Trimless millwork	OF - Open Frame Type Non-IC IC ² - Type-IC CP ² - Chicago Plenum Type-IC (CCEA) ² Not available with 20 W output and higher.	ASB - Adjustable standard bar hangers FMB - Flush mount bars ACB - Adjustable commercial bar hangers AHC - Adjustable hat channel bars NA - None
				³ See page 4 for more details.

2-Module (Example: AE4MSRB-SW-15DEG-2STP-90CRI-27K-120V-14W-D1-LSDL+LS-TRM-CL-FTMW-FTMW-NA)

МОЕ	DULE (Specify order code for each module)	1X2	M1 M2 2 X 2 M1 M2
M1 M2		1X3	M3 M4
M3 M4		1 X 4	M1 M2 M3 M4

LUMINAIRE ID	LIGHT SOURCE	BEAM Specify WW for Wall Wash	COLOR QUALITY	CRI	COLOR TEMP.	VOLTAGE
AE4MSRB - Aera 4" Square Recessed Bevel AE4MSRAB - Aera 4" Square Recessed Adjustable Bevel AE4MSRWWB - Aera 4" Square Recessed Wall Wash	SW - Static white FS - Full spectrum	15DEG - 15° Narrow spot 25DEG - 25° Spot 35DEG - 35° Narrow flood 50DEG - 50° Wide flood 80DEG - 80° Very wide flood 90DEG - 90° Open flood WW - Wall wash	2STP 4 - 2 Step MacAdam Ellipse 3STP - 3 Step MacAdam Ellipse 4Not available with full spectrum.	90CRI ⁵ - 90 CRI 95CRI - 95 CRI 80CRI ⁵ - 80 CRI ⁵ Not available with full spectrum.	27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K	120V - 120V 277V - 277V UNV - 120V-277V 347V ⁶ - 347V ⁶ Available with RD1 driver only. Please
	SOLA - Dim- to-warm single channel control	25DEG - 25° Spot 35DEG - 35° Narrow flood 60DEG - 60° Wide flood 80DEG - 80° Very wide flood 90DEG - 90° Open flood WW - Wall wash	3STP - 3 Step MacAdam Ellipse	90CRI - 90 CRI	SOLA 30K18K - 3000K to 1800K 27K18K - 2700K to 1800K	consult factory.

DIMMING 10, 11 WATTAGE PER LIGHT 7

RECESSED	RECESSED ADJ.	RECESSED WW	INTEGRAL	REMOTE 13			
14W - 14 W output, up to 1538 lm 20W ⁸ - 20 W output, up to 2146 lm 28W ⁸ - 28 W output, up to 2882 lm ⁷ Lumen outputs are reduced v ⁸ Not available with IC/CP. ⁹ Not available with full spectru	14W - 14 W output, up to 1348 lm 20W s - 20 W output, up to 1932 lm 28W s - 28 W output, up to 2594 lm vith full spectrum, consult factory.	14W - 14 W output, up to 763 lm 20W ⁸ - 20 W output, up to 1216 lm 28W ⁸ - 28 W output, up to 1632 lm	D1 - 1% 0-10V ELV 12 - ELV 120V TRI 12 - TRIAC 120V 10 A driver provided per light. 11 PoE (Power-over-Ethernet) compatible. Consult factory for details. 12 Available with 120V only.	See page 3 for details. 14 Available with 120V only 15 On-site commissioning			
28W ⁸ - 28 W output, up to 1945 lm	28W ⁸ - 28 W output, up to 1945 lm	28W ⁸ - 28 W output, up to 1615 lm	SD1 - Single 0-10V input SELV ¹² - ELV 120V STRI ¹² - TRIAC 120V	RSD1 - Single 0-10V in RSELV 14 - ELV 120V RSTRI 14 - TRIAC 120V			

ACCESSORIES * See page 6 for details	TRIM STYLE Specify same as Housing	LENS * See page 6 for details	BAFFLE FINISH	TRIM FLANGE FINISH Specify NA for Bevel Trimless & Wall Wash Trimless	OPTION Specify NA for Wall Wash
At light element ^{17, 18} (choose up to 2 options for SW/FS and 1 option for SOLA) Specify NA for Wall Wash LSDL - Soft diffused lens, Solite LFDL - Frosted diffused lens LS - Linear spread HEX ¹⁹ - Hex louver NA - None 17 Separate codes with a "+" if more than one is specified, e.g. LSDL+LS. 18 LSDL and LFDL cannot be combined. LS and HEX cannot be combined. 18 Not available with 80°/90° beam options.	TRM - Flanged trim TLMP - Trimless drywall mudplate TLMW - Trimless millwork	At baffle (choose l option) Specify WW for Wall Wash SDL - Soft diffused lens, Solite FDL - Frosted diffused lens CL - Clear lens NOL - No lens WW - Wall wash diffuser	FTMW - Textured matte white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL#	FTMW - Textured matte white FTMB - Textured matte black FSPC - Specular FSSPC - Semi-specular FCHP - Champagne CF# - Custom finish, specify RAL# NA - Not applicable	WET ²⁰ - Wet location NA - None ²⁰ Must be specified with the bevel (AE4MSRB or AE4MSRAB), flanged trim (TRM), and either SDL, FDL, or CL lens options.

^{*} LSDL or LFDL at light element cannot be combined with SDL or FDL at baffle.

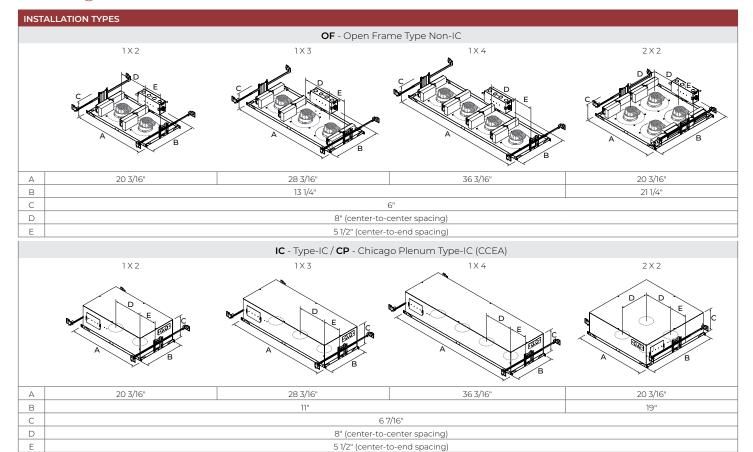




AERA 4" MULTI-APERTURE **Lumenwerx**

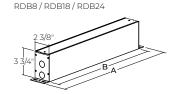
SQUARE RECESSED

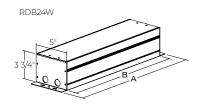
Housing



⁻ For OF, IC, and CP installation types with remote dimming, a remote driver box is provided.

REMOTE DRIVER BOX

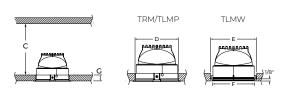




	RDB8	RDB18	RDB24	RDB24W
Α	10"	20"	26"	26"
В	8"	18"	24"	24"
DRIVER	RDI - 1% 0-10V RELV - ELV 120V RTRI - TRIAC 120V	RLDE1 - Lutron Hi-lume 1% Eco RDA - DALI RELD1 - eldoLED 1% ECOdrive 0-10V	Emergency battery (+EB) with the following driver options. RD1+EB - 1% 0-10V RELV+EB - ELV 120V	Emergency battery (+EB) with the following driver options. RLDE1+EB - Lutron Hi- lume 1% Eco
	SOLA RSD1 - Single 0-10V input RSELV - ELV 120V RSTRI - TRIAC 120V	RELDO - eldoLED 0.1% SOLOdrive 0-10V	RTRI+EB - TRIAC 120V	RDA+EB - DALI RELDI+EB - eldoLED 1% ECOdrive 0-10V RELD0+EB - eldoLED 0.1% SOLOdrive 0-10V

⁻ $\operatorname{\mathsf{Multiple}}$ remote driver boxes may be required for multiple light modules.

PLENUM CLEARANCE & CUT-OUT DIMENSIONS



	PLENUM CLEARANCE HEIGHT								
	REMOTE & INTEGRAL								
	OF	IC	СР						
С	6"	6 7/16"							
		LIT OLIT DIMENSION	ıc						

		CUT-OUT DIMENSIONS									
D	TRM/TLMP	4 1/2" x 4 1/2"									
E	T1 5 4547	4 1/2" x 4 1/2"									
F	TLMW	4 1/16" x 4 1/16" with 1/8" lip									

	MAXIMUM CEILING THICKNESS										
		RECESSED RECESSED WW	RECESSED ADJ.								
	TRM/TLMP	1 3/8"	1 1/2"								
G	TLMW	5/8"									







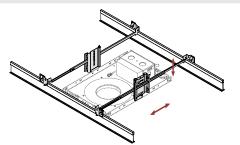
AERA 4" MULTI-APERTURE **Lumenwerx**

SQUARE RECESSED

Housing

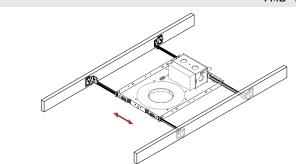
MOUNTING OPTIONS

ASB - Adjustable Standard Bar Hangers



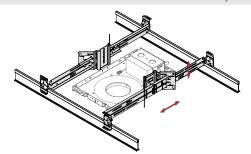
Adjustable Standard Bar hangers can be used in both commercial and residential applications and are adjustable to various heights in both Grid Ceiling and Drywall mounting. ASB hangers are less rigid and versatile than ACB hangers.

FMB - Flush Mount Bars



Flush Mount Bars are best used in residential applications, fitting snug to the surface and suitable for Wood, Metal, and Drywall mounting. The flush mounted bars are static and can't be adjusted.

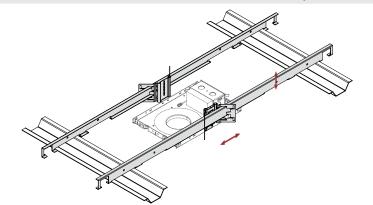
ACB - Adjustable Commercial Bar Hangers



Adjustable Commercial Bar hangers can be used in both commercial and residential applications and are by far the most versatile mounting bar we offer with its adjustability to various heights. ACB hangers are suitable for Grid Ceiling, Drywall, Metal, Wood and Frame mounting.

- · Extremely rigid
- · Fits into C-Channel notches in a Butterfly Bracket

AHC - Adjustable Hat Channel Bars



Adjustable Hat Channel bars can be used in both commercial and residential applications and come with a butterfly clip to adjust to various heights. AHC bars can be hung downward by 90 degrees in vertical position, and once wired, can be shifted onto the horizontal mounting plane. AHC bars are suitable for both Drywall and wood ceiling applications.

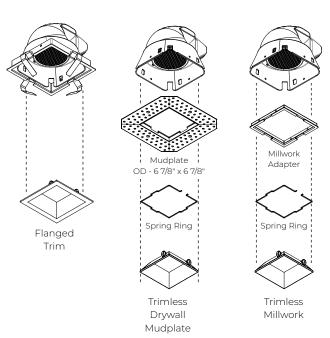




AERA 4" MULTI-APERTURE **Lumenwerx** SQUARE RECESSED

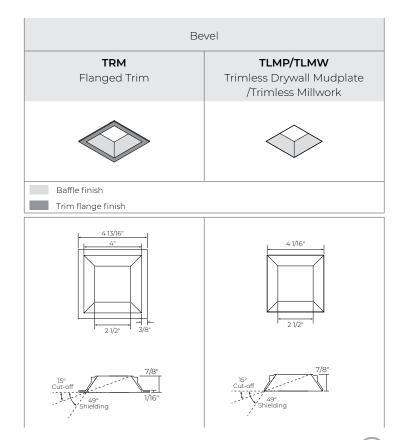
Light & Baffle

RECESSED



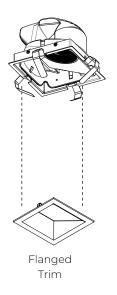
RECESSED ADJUSTABLE Millwork Mudplate OD - 67/8" x 67/8' Adapter Flanged Spring Ring Trim Spring Ring Trimless Trimless Drywall Millwork

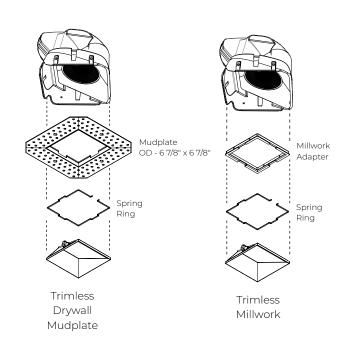
Mudplate



Light & Baffle

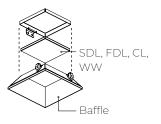
RECESSED WALL WASH





LENS AND ACCESSORIES



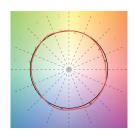


Wall	Wash					
TRM Flanged Trim	TLMP/TLMW Trimless Drywall Mudplate /Trimless Millwork					
Baffle finish Trim flange finish						
4" 413/16"	4 1/16"					

AERA 4" MULTI-APERTURE **Lumenwerx** SQUARE RECESSED

Color Quality

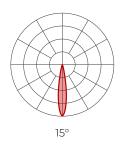
COLOR QUALITY - 3500K TM-30 R_f 90 TM-30 R_g 100 R9 > 50

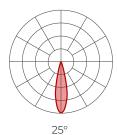


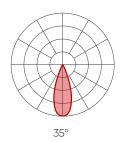
Photometrics

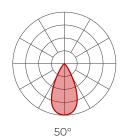
RECESSED - STATIC WHITE

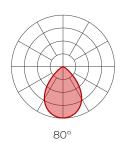
Values calculated based on 3500K, bevel baffle, and SDL lens option. All values are per light.

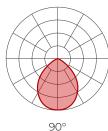












Delivered lumens

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°
14 W	1399	1437	1384	1356	1220	1220	1077	1106	1066	1044	940	940	1497	1538	1481	1451	1306	1306
20 W	1952	2006	1931	1893	1704	1704	1503	1545	1487	1458	1312	1312	2089	2146	2066	2026	1823	1823
28 W	2621	2693	2593	2541	2287	2287	2018	2074	1997	1957	1761	1761	2804	2882	2775	2719	2447	2447

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°
14 W	100	103	99	97	87	87	77	79	76	75	67	67	107	110	106	104	93	93
20 W	98	100	97	95	85	85	75	77	74	73	66	66	104	107	103	101	91	91
28 W	94	96	93	91	82	82	72	74	71	70	63	63	100	103	99	97	87	87

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

DLOR
1
1
1
1
1
1

_		
	LENS * (At baffle)	
_		
	SDL - Soft diffused lens, Solite	1
	FDL - Frosted lens	0.8
	CL - Clear lens	1.1
	NOL - No lens	1.1
*	When more than one lens or acc	ressony is specifi

affle)		ACCESSORIES * (At light element)								
used lens, Solite	1	LSDL - Soft diffused lens, Solite	1							
lens	0.8	LFDL - Frosted lens	0.8							
5	1.1	LS - Linear spread	0.84							
	1.1	HEX - Hex louver	0.86							
nan one lens or accessory is specified,										

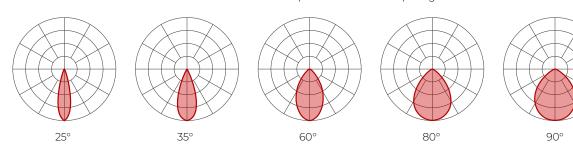
multiply together the value of e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924



Photometrics

RECESSED - SOLA

Values calculated based on bevel baffle and SDL lens option. All values are per light.



SOLA

BEAM	2	5°	3	5°	6	0°	8	0°	90°		
		lm	lm/W								
20.14/	3000K	1920	69	1945	69	1850	66	1590	57	1460	52
28 W	2700K	1920	69	1945	69	1850	66	1590	57	1460	52

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.

BAFFLE STYLE A	AND COLOR							
Flanged trim	1							
Trimless	1							
Bevel	1							
Wet bevel	1							
White	1							
Black	1							

LENS * (At baffle)	
SDL - Soft diffused lens, Solite	1
FDL - Frosted lens	0.8
CL - Clear lens	1.1
NOL - No lens	1.1

ı	CE CICAI ICIIS	1		LU L
	NOL - No lens	1,1		HEX -
	* When more than one lens or ac multiply together the value of e	3	,	ssory.
	ea NOL + LSDL = 11 x 1 = 11			

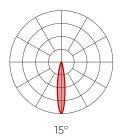
ACCESSORIES * (At light eler	ment)
LSDL - Soft diffused lens, Solite	1
LFDL - Frosted lens	0.8
LS - Linear spread	0.84
HEX - Hex louver	0.86

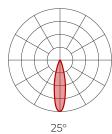
AERA 4" MULTI-APERTURE **Lumenwerx** SQUARE RECESSED

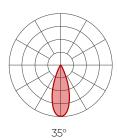
Photometrics

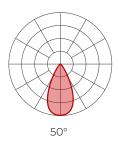
RECESSED ADJUSTABLE - STATIC WHITE

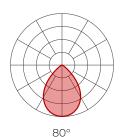
Values calculated based on 3500K, bevel baffle, and SDL lens option. All values are per light.

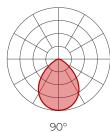












Delivered lumens

CRI			90	CRI					95			80 CRI						
BEAM	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°	15°	25°	35°	50°	80°	90°
14 W	1226	1260	1213	1189	1070	1070	944	970	934	916	824	824	1312	1348	1298	1272	1145	1145
20 W	1758	1806	1739	1704	1534	1534	1354	1391	1339	1312	1181	1181	1881	1932	1861	1823	1641	1641
28 W	2359	2424	2334	2287	2058	2058	1816	1867	1797	1761	1585	1585	2524	2594	2498	2447	2202	2202

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°
14 W	88	90	87	85	76	76	67	69	67	65	59	59	94	96	93	91	82	82
20 W	88	90	87	85	77	77	68	70	67	66	59	59	94	97	93	91	82	82
28 W	84	87	83	82	74	74	65	67	64	63	57	57	90	93	89	87	79	79

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

ND COLOR
1
1
1
1
1
1

LENS * (At baffle)	
SDL - Soft diffused lens, Solite	1
FDL - Frosted lens	0.8
CL - Clear lens	1.1
NOL - No lens	1.1

DL - Soft diffused lens, Solite	1	LSDL - Soft diffused lens, Solite	1
DL - 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 accounting together the value of ea	- '	ecory	

ACCESSORIES * (At light element)

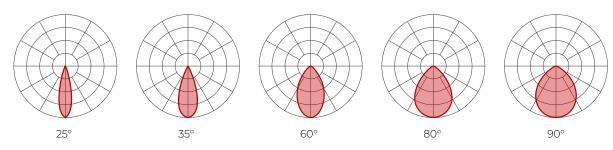


multiply together the value of each lens and/or accessory. e.g. NOL + LSDL + LS = 1.1 x 1 x 0.84 = 0.924

Photometrics

RECESSED ADJUSTABLE - SOLA

Values calculated based on bevel baffle and SDL lens option. All values are per light.



SOLA

BEAM		2	5°	3	5°	6	0°	8	0°	9	0°
		lm	lm/W								
20.14/	3000K	1920	69	1945	69	1850	66	1590	57	1460	52
28 W	2700K	1920	69	1945	69	1850	66	1590	57	1460	52

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.

BAFFLE STYLE AND COLOR				
Flanged trim	1			
Trimless	1			
Bevel	1			
Wet bevel	1			
White	1			
Black	1			

LENS * (At baffle)					
SDL - Soft diffused lens, Solite	1				
FDL - Frosted lens	0.8				
CL - Clear lens	1.1				
NOL - No lens	1.1				

NOL - No lens	1.1	HEX -
* When more than one lens or ac multiply together the value of e	J .	essory.
ag NOL + LSDL = 11 v 1 = 11		

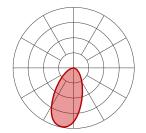
ACCESSORIES * (At light element)				
LSDL - Soft diffused lens, Solite	1			
LFDL - Frosted lens	0.8			
LS - Linear spread	0.84			
HEX - Hex louver	0.86			

Photometrics

RECESSED WALL WASH

Values calculated with white wall wash baffle, and based on 3500K for static white. All values are per light.

1525



STATIC WHITE CRI 90 CRI 95 CRI 80 CRI lm/W Im/W lm/W 14 W 713 51 549 39 763 54 20 W 1136 1216 57 875 44 61

1174

1632

58

		lm	lm/W
20.14/	3000K	1615	58
28 W	2700K	1615	58

SOLA

MULTIPLIERS

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

54

ССТ	
STATIC V	VHITE
2700K	0.9
3000K	0.95
3500K	1
4000K	1.05

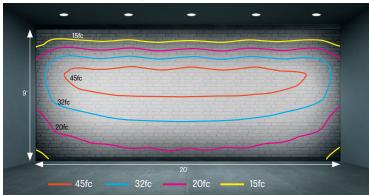
BAFFLE STYLE AND COLOR			
1			
1			
1			
1			

28 W

UNIFORMITY

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

24" from Wall - 36" Spacing



Foot-candles

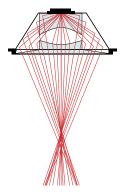
FC ON WALL		24" FROM WALL - 24" SPACING			24" FROM WALL - 36" SPACING			24" FROM WALL - 48" SPACING			24" FROM WALL - 60" SPACING		
		90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI	90 CRI	95 CRI	80 CRI
α .	9'	11	9	12	7	5	7	6	5	6	5	4	6
OOR	8'	51	39	54	31	24	33	27	20	28	25	19	26
FINISHED FL	7'	70	54	74	45	34	48	36	28	39	33	25	35
	6'	61	47	65	40	31	43	31	24	33	27	21	29
15	5'	47	36	50	31	24	34	24	18	25	20	15	21
E	4'	36	28	39	25	19	26	18	14	20	15	12	16
7	3'	29	22	31	20	15	21	14	11	15	12	9	13
l log	2'	24	18	26	16	13	18	12	9	13	10	8	11
⋖	יר	21	16	22	14	11	15	10	8	11	9	7	9

AERA 4" MULTI-APERTURE **Z** Lumenwerx SQUARE RECESSED

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.



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.

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.

FI FCTRICAL

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

Emergency battery options: Remotely-installed, long-life, hightemperature, 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

For new construction, 20 gauge powder coated steel. Open frame, type-IC, or Chicago Plenum (CCEA) rated. 18 gauge galvanized steel junction box with ½" trade size knockouts. Adjustable hanger bars and butterfly brackets are included. Adjustable commercial hat channel and flush mounted brackets are also available.

Light element

Adjustability: Hot aiming, 355° rotation and 35° vertical tilt with shift to ensure beam stays centered (Recessed Adjustable only). LED module: Integral COB module. 90 CRI and 2 SDCM, Standard with options of 80 CRI, or 95 CRI. L80 > 60,000 hours.

XPoint™ Refraction Technology optic: Micro optical paths from the chip on board converge and then disperse in precise beam angles, resulting in a crisp and exacting light quality.

Thermal management: Cold-forged aluminum heat sink to maximize thermal dissipation.

Baffle: Die-cast aluminum mounted with retaining spring clips Trim style: Trimmed and trimless with mudplate or millwork adapter

WEIGHT

	Open frame	Type-IC / Chicago Plenum				
1 X 2	10.5 lbs - 4.8 kg	13.5 lbs - 6.1 kg				
1 X 3	14.5 lbs - 6.6 kg	16.5 lbs - 7.5 kg				
1 X 4	18.5 lbs - 8.4 kg	20.5 lbs - 9.3 kg				
2 X 2	20.5 lbs - 9.3 kg	22.5 lbs - 10.2 kg				







LENS AND ACCESSORIES

Recessed / Recessed adjustable











Soft diffused lens, Solite

sed Frosted ite diffused lens

Clear lens

Linear spread

Hex louve

Recessed wall wash



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. IP44: IP44 rated for bathrooms, showers, outdoor canopies, and marquees when specified with the wet location (WET) option. Chicago Plenum: City of Chicago approved (CCEA) when specified with CP installation type option.

IC rated: Suitable for direct contact with insulation when specified with IC or CP installation type options.

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.



