

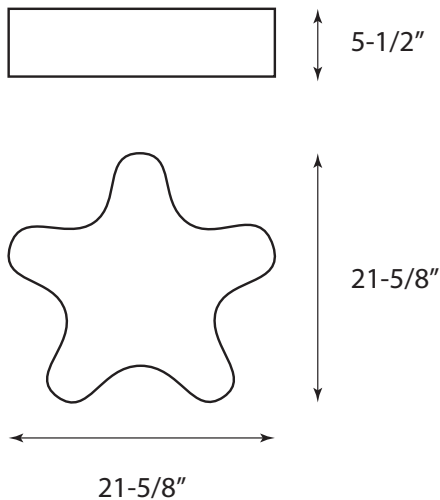
AILA-LED

AILA LED PENDANT SERIES

UP TO
1500
LUMENS



DIMENSIONS:



Catalog Number:

Project Name:

Note:

Type:

ORACLE
LIGHTING

1482

LUMENS

31

WATT

APPLICATION - Aila is the perfect aesthetic element to add dimension to a space. It is a whimsical form that can add visual and pleasing illumination into a space. Aila features a side sparkle and star like shape while maintaining quality performance. Aila is a great visual focal point in many applications, such as, boardrooms, lobbies, retail spaces or high design hospitality. The luminaire adds an artistic flare that creates visual interest.

CONSTRUCTION - Rigid aluminum design ensures longevity and endurance plus a high quality, high transmission, glare free lens for smooth illumination.

PERFORMANCE - The honeycomb light engines found in the Aila are rated at 80+ CRI and are available in multiple CCTs: 3000K, 3500K and 4000K. Rated and tested to LM-79 and LM-80 standards. The LEDs are also binned to a 3-step MacAdam ellipse to achieve consistent color from fixture to fixture.

ELECTRICAL - Powered by high-quality constant-current power LED drivers which are rated for 50 to 60Hz at 120-277V input, produce less than 20% THD, and have a power factor of .90 to 1.00.

DIMMING - The AILA-LED comes standard with 0-10V dimming on either in 120 and 277V. 347V please consult factory. Dimmable down to 1% of initial lumens. Also available in Lutron dimming options. Consult factory for dimmer compatibility.

MOUNTING - Comes standard in ceiling mount or adjustable cable suspension system providing fast installation into a variety of interior heights, including sloped ceilings. Consult factory for additional mounting options.

QUALITY CONTROL - Every fixture is rigorously tested by our QC Department before shipping.

WARRANTY - Limited 5 Year Warranty

EXAMPLE: AILA-LED-2-1500L-DIM10-MVOLT-40K-WH-CM

SERIES	SIZE	LUMENS - DIMMING	CCT	EMERGENCY	COLOR	MOUNTING OPTION
AILA-LED	2'(1.8')	<input type="checkbox"/> 1500L-DIM10-MVOLT <input type="checkbox"/> 1500L-LUTH-MVOLT <input type="checkbox"/> 1500L-DIMTR-120	<input type="checkbox"/> 30K <input type="checkbox"/> 35K <input type="checkbox"/> 40K	<input type="checkbox"/> EMG-LED Remote Mounted for Surface Mount	<input type="checkbox"/> WH (Matt White) Custom color available, please consult factory. Must provide RAL#	<input type="checkbox"/> CM-Ceiling Mount <input type="checkbox"/> SM-10' Suspended Mount (Consult factory for other sizes)

PHOTOMETRY DATA

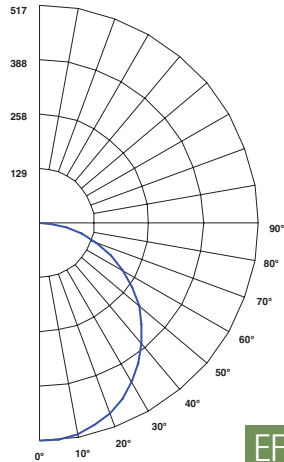
AILA-LED-2-1500L-DIM10-MVOLT-40K-WH

WATTAGE: **31.2**

LUMENS: **1482**

TOTAL LUMINAIRE EFFICACY: **48**

Candle Power Distribution (Candelas)



Zonal Lumens Summary

Zone	Lumens	%Lamp	%Fixt
0-30°	400.00	27.00	27.00
0-40°	654.18	44.20	44.10
0-60°	1155.29	78.10	78.00
0-90°	1482.03	100.20	100.00
0-180°	1482.03	100.20	100.00

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0°	Average 45°	Average 90°
45°	412	414	415
55°	395	399	400
65°	373	376	380
75°	341	344	353
85°	257	283	300

Candela Tabulation

	0	45	90
0	516.922	516.922	516.922
5	516.860	515.910	515.610
15	497.070	496.650	496.900
25	459.720	459.720	460.450
35	406.480	407.070	408.390
45	340.480	341.700	343.260
55	264.840	267.190	268.410
65	184.040	185.610	187.670
75	103.110	104.150	106.870
85	26.210	28.810	30.570
90	1.750	1.820	

Spacing Criteria

0-180	: 1.26
90-270	: 1.26
Diagonal	: 1.38

EFFICACY: **48 LM/W**

Coefficients of Utilization - Zonal Cavity Method
Effective Floor Cavity Reflectance 20% = PF

RC RW	80%				70%				50%				30%				10%				0%			
	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%	0%	0%	0%
0	119	119	119	119	116	116	116	116	111	111	111	107	107	107	102	102	102	102	102	102	100	100	100	100
1	109	104	99	95	106	101	97	94	97	94	91	93	91	88	90	87	85	83	83	83	83	83	83	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69	69	69	69	69	69	69
3	90	79	71	64	87	77	70	64	74	68	62	72	66	61	69	64	60	58	58	58	58	58	58	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	62	56	52	49	49	49	49	49	49	49
5	76	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43	43	43	43	43	43	43
6	70	56	47	41	68	55	47	40	53	46	40	52	45	40	50	44	39	37	37	37	37	37	37	37
7	65	51	42	36	63	50	42	36	49	41	35	47	40	35	46	40	35	33	33	33	33	33	33	33
8	60	46	38	32	59	46	38	32	44	37	32	43	36	31	42	36	31	29	29	29	29	29	29	29
9	56	43	34	29	55	42	34	29	41	34	29	40	33	28	39	33	28	26	26	26	26	26	26	26
10	53	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24	24	24	24	24	24	24
RC - Ceiling Cavity Reflectance											RW - Wall Reflectance													

