



IES INDOOR REPORT

PHOTOMETRIC FILENAME : AUL-08L-S-850-R22AW.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LED-12707
 [TESTLAB] LSI INDUSTRIES, INC.
 [ISSUE DATE] 05/25/21
 [TEST DATE] 04/15/21
 [MANUFAC] LSI INDUSTRIES, INC.
 [LUMCAT] AUL-08L-S-850-R22AW
 [OTHER] SCALED FROM ORIGINAL TEST DATA
 [ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
 [OTHER] TEST PROCEDURE: IESNA LM-79-08
 [SEARCH_SOURCETYPE] LED
 [SEARCH_APPLICATION] Interior
 [SEARCH_COLORTEMP] 5000

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8026
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	164
Total Luminaire Watts	49
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	1.83 ft (Diameter)
Luminous Width (90-270)	1.83 ft (Diameter)
Luminous Height	0.67 ft



LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9006	9006	8907
55	4724	4703	4690
65	1785	1790	1799
75	1460	1454	1460
85	787	787	802

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AUL-08L-S-850-R22AW.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3221	3221	3221	3221	3221
2.5	3226	3226	3228	3230	3228
5.0	3239	3240	3243	3243	3241
7.5	3249	3249	3252	3251	3251
10.0	3250	3252	3255	3254	3253
12.5	3234	3238	3239	3243	3242
15.0	3202	3204	3205	3206	3206
17.5	3161	3160	3160	3164	3165
20.0	3112	3107	3108	3117	3114
22.5	3049	3037	3041	3049	3042
25.0	2982	2977	2976	2980	2978
27.5	2924	2920	2919	2921	2920
30.0	2861	2859	2858	2858	2858
32.5	2790	2789	2790	2789	2789
35.0	2715	2714	2715	2713	2712
37.5	2636	2632	2635	2633	2632
40.0	2553	2553	2554	2554	2554
42.5	2464	2463	2460	2466	2471
45.0	2287	2288	2287	2280	2262
47.5	2010	2001	1995	1991	1984
50.0	1666	1668	1657	1645	1666
52.5	1358	1362	1355	1345	1348
55.0	1105	1102	1100	1106	1097
57.5	826	823	835	837	841
60.0	532	521	535	543	552
62.5	393	394	396	398	395
65.0	369	370	370	372	372
67.5	344	345	345	346	346
70.0	317	317	317	317	318
72.5	286	287	287	286	286
75.0	253	254	252	252	253
77.5	217	218	218	218	218
80.0	182	182	182	183	183
82.5	145	144	145	146	146
85.0	106	106	106	107	108
87.5	66	66	66	66	66
90.0	37	37	37	36	35
92.5	36	36	36	36	36
95.0	38	38	38	38	38
97.5	39	39	39	39	39
100.0	41	41	41	41	41
102.5	42	42	42	42	42
105.0	44	44	44	43	43
107.5	45	45	45	45	45
110.0	46	46	46	46	46
112.5	47	47	47	47	47
115.0	48	48	48	48	48
117.5	49	49	49	49	49
120.0	50	50	50	49	50
122.5	50	50	50	50	50
125.0	51	51	51	51	51
127.5	51	51	51	51	51
130.0	52	52	52	52	52
132.5	52	52	52	52	52

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AUL-08L-S-850-R22AW.IES

CANDELA TABULATION - (Cont.)

135.0	53	53	53	52	52
137.5	53	53	53	53	53
140.0	53	53	53	53	53
142.5	53	53	53	53	53
145.0	53	53	53	53	53
147.5	52	53	53	53	53
150.0	52	52	53	52	52
152.5	51	52	52	52	52
155.0	51	51	51	51	51
157.5	51	50	50	50	50
160.0	50	50	50	50	50
162.5	50	49	49	49	49
165.0	49	48	48	48	48
167.5	47	47	47	46	46
170.0	46	46	45	45	45
172.5	44	44	45	45	45
175.0	43	43	44	44	44
177.5	41	41	42	42	42
180.0	40	40	40	40	40

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AUL-08L-S-850-R22AW.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1213.89	N.A.	15.10
0-30	2590.63	N.A.	32.30
0-40	4289.74	N.A.	53.40
0-60	6967.59	N.A.	86.80
0-80	7613.82	N.A.	94.90
0-90	7730.11	N.A.	96.30
10-90	7420.35	N.A.	92.50
20-40	3075.85	N.A.	38.30
20-50	4779.48	N.A.	59.50
40-70	3058.31	N.A.	38.10
60-80	646.23	N.A.	8.10
70-80	265.77	N.A.	3.30
80-90	116.29	N.A.	1.40
90-110	87.42	N.A.	1.10
90-120	135.01	N.A.	1.70
90-130	180.49	N.A.	2.20
90-150	254.38	N.A.	3.20
90-180	295.89	N.A.	3.70
110-180	208.47	N.A.	2.60
0-180	8026.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	309.76
10-20	904.13
20-30	1376.74
30-40	1699.11
40-50	1703.64
50-60	974.21
60-70	380.46
70-80	265.77
80-90	116.29
90-100	41.39
100-110	46.03
110-120	47.59
120-130	45.48
130-140	40.67
140-150	33.22
150-160	23.66
160-170	13.64
170-180	4.20

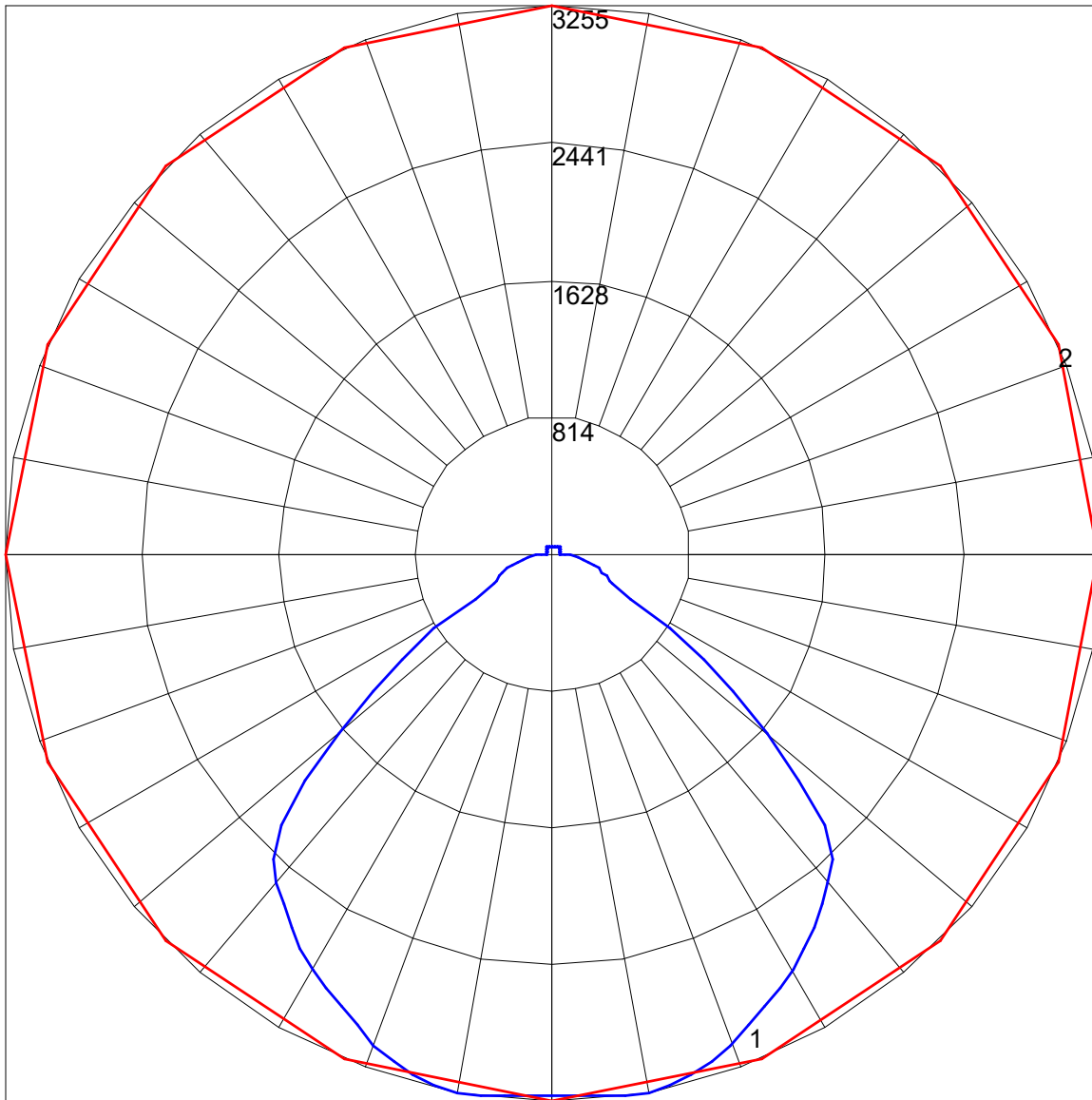
IES INDOOR REPORT
PHOTOMETRIC FILENAME : AUL-08L-S-850-R22AW.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	96
1	109	105	102	98	106	103	99	96	98	95	93	93	91	89	89	88	86	84
2	101	94	88	83	98	92	86	82	88	83	79	84	80	77	80	77	75	73
3	93	84	77	71	90	82	75	70	79	73	68	75	71	67	73	69	65	63
4	86	75	67	61	83	74	66	61	71	65	60	68	63	58	66	61	57	55
5	79	68	60	54	77	67	59	53	64	57	52	62	56	51	60	55	51	49
6	74	61	53	47	72	60	53	47	58	51	46	56	50	46	54	49	45	43
7	69	56	48	42	67	55	47	42	53	46	41	52	45	41	50	45	40	38
8	64	51	43	38	62	50	43	38	49	42	37	47	41	37	46	40	36	35
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	31
10	56	44	36	31	55	43	36	31	42	35	31	41	35	30	39	34	30	28

POLAR GRAPH



Maximum Candela = 3255 Located At Horizontal Angle = 45, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (10) (Through Max. Cd.)