



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AUL-30L-S-830-R22AD.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] LED-12706  
 [TESTLAB] LSI INDUSTRIES, INC.  
 [ISSUEDATE] 05/25/21  
 [TESTDATE] 04/15/21  
 [MANUFAC] LSI INDUSTRIES, INC.  
 [LUMCAT] AUL-30L-S-830-R22AD  
 [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] 3000

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	28558
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	146
Total Luminaire Watts	195
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
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



**AUL R22**

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	28916	28601	28368
55	15293	15558	16020
65	7458	7449	7458
75	7091	7126	7172
85	6418	6470	6537

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AUL-30L-S-830-R22AD.IES**

**CANDELA TABULATION**

	<u><b>0.0</b></u>	<u><b>22.5</b></u>	<u><b>45.0</b></u>	<u><b>67.5</b></u>	<u><b>90.0</b></u>
<b>0.0</b>	10619	10619	10619	10619	10619
<b>2.5</b>	10609	10620	10637	10664	10682
<b>5.0</b>	10646	10653	10669	10691	10713
<b>7.5</b>	10655	10664	10682	10703	10726
<b>10.0</b>	10645	10653	10667	10698	10717
<b>12.5</b>	10574	10577	10598	10625	10657
<b>15.0</b>	10418	10423	10467	10478	10498
<b>17.5</b>	10220	10250	10286	10309	10334
<b>20.0</b>	9984	10017	10076	10119	10151
<b>22.5</b>	9699	9754	9805	9863	9877
<b>25.0</b>	9474	9506	9552	9585	9609
<b>27.5</b>	9262	9286	9318	9340	9365
<b>30.0</b>	9045	9059	9084	9102	9112
<b>32.5</b>	8810	8820	8839	8854	8860
<b>35.0</b>	8558	8569	8584	8596	8599
<b>37.5</b>	8309	8322	8322	8338	8348
<b>40.0</b>	8075	8082	8090	8105	8114
<b>42.5</b>	7839	7831	7836	7810	7807
<b>45.0</b>	7343	7306	7263	7211	7204
<b>47.5</b>	6419	6416	6370	6329	6297
<b>50.0</b>	5318	5330	5335	5310	5307
<b>52.5</b>	4363	4376	4404	4428	4400
<b>55.0</b>	3577	3610	3639	3707	3747
<b>57.5</b>	2751	2782	2858	2906	2963
<b>60.0</b>	1872	1926	1998	2044	2074
<b>62.5</b>	1548	1559	1584	1601	1618
<b>65.0</b>	1542	1541	1540	1540	1542
<b>67.5</b>	1494	1493	1496	1496	1500
<b>70.0</b>	1419	1421	1425	1428	1431
<b>72.5</b>	1330	1332	1334	1338	1341
<b>75.0</b>	1229	1232	1235	1242	1243
<b>77.5</b>	1131	1133	1137	1139	1142
<b>80.0</b>	1039	1041	1043	1046	1050
<b>82.5</b>	951	951	954	959	962
<b>85.0</b>	864	868	871	877	880
<b>87.5</b>	787	786	791	799	802
<b>90.0</b>	713	716	720	727	733
<b>92.5</b>	662	664	667	671	674
<b>95.0</b>	615	617	620	624	627
<b>97.5</b>	571	574	577	580	581
<b>100.0</b>	533	535	537	539	541
<b>102.5</b>	497	498	500	503	505
<b>105.0</b>	463	464	467	470	471
<b>107.5</b>	433	434	437	440	441
<b>110.0</b>	408	409	410	413	414
<b>112.5</b>	384	385	387	388	388
<b>115.0</b>	364	365	366	366	367
<b>117.5</b>	346	347	347	347	348
<b>120.0</b>	329	330	330	330	330
<b>122.5</b>	314	315	314	315	315
<b>125.0</b>	301	301	301	301	301
<b>127.5</b>	289	289	289	289	289
<b>130.0</b>	277	277	277	277	277
<b>132.5</b>	268	268	267	267	266

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AUL-30L-S-830-R22AD.IES**

**CANDELA TABULATION - (Cont.)**

<b>135.0</b>	258	258	258	257	257
<b>137.5</b>	250	250	249	248	248
<b>140.0</b>	242	241	241	240	240
<b>142.5</b>	233	232	232	232	232
<b>145.0</b>	227	225	224	225	225
<b>147.5</b>	219	218	217	218	218
<b>150.0</b>	212	211	211	211	211
<b>152.5</b>	207	205	203	205	205
<b>155.0</b>	200	199	196	197	197
<b>157.5</b>	195	194	191	191	191
<b>160.0</b>	188	189	186	184	184
<b>162.5</b>	183	184	181	178	178
<b>165.0</b>	178	177	175	172	170
<b>167.5</b>	171	171	169	167	164
<b>170.0</b>	166	166	165	164	162
<b>172.5</b>	163	163	162	161	161
<b>175.0</b>	159	159	159	159	159
<b>177.5</b>	155	155	156	155	155
<b>180.0</b>	148	148	148	148	148

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AUL-30L-S-830-R22AD.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	3965.84	N.A.	13.90
0-30	8377.31	N.A.	29.30
0-40	13757.11	N.A.	48.20
0-60	22417.25	N.A.	78.50
0-80	25289.21	N.A.	88.60
0-90	26244.09	N.A.	91.90
10-90	25225.37	N.A.	88.30
20-40	9791.27	N.A.	34.30
20-50	15214.37	N.A.	53.30
40-70	10226.62	N.A.	35.80
60-80	2871.95	N.A.	10.10
70-80	1305.47	N.A.	4.60
80-90	954.89	N.A.	3.30
90-110	1177.79	N.A.	4.10
90-120	1542.94	N.A.	5.40
90-130	1814.35	N.A.	6.40
90-150	2156.53	N.A.	7.60
90-180	2313.89	N.A.	8.10
110-180	1136.1	N.A.	4.00
0-180	28557.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	1018.73
10-20	2947.11
20-30	4411.47
30-40	5379.8
40-50	5423.09
50-60	3237.05
60-70	1566.48
70-80	1305.47
80-90	954.89
90-100	680.51
100-110	497.28
110-120	365.15
120-130	271.40
130-140	200.34
140-150	141.85
150-160	92.14
160-170	49.90
170-180	15.33

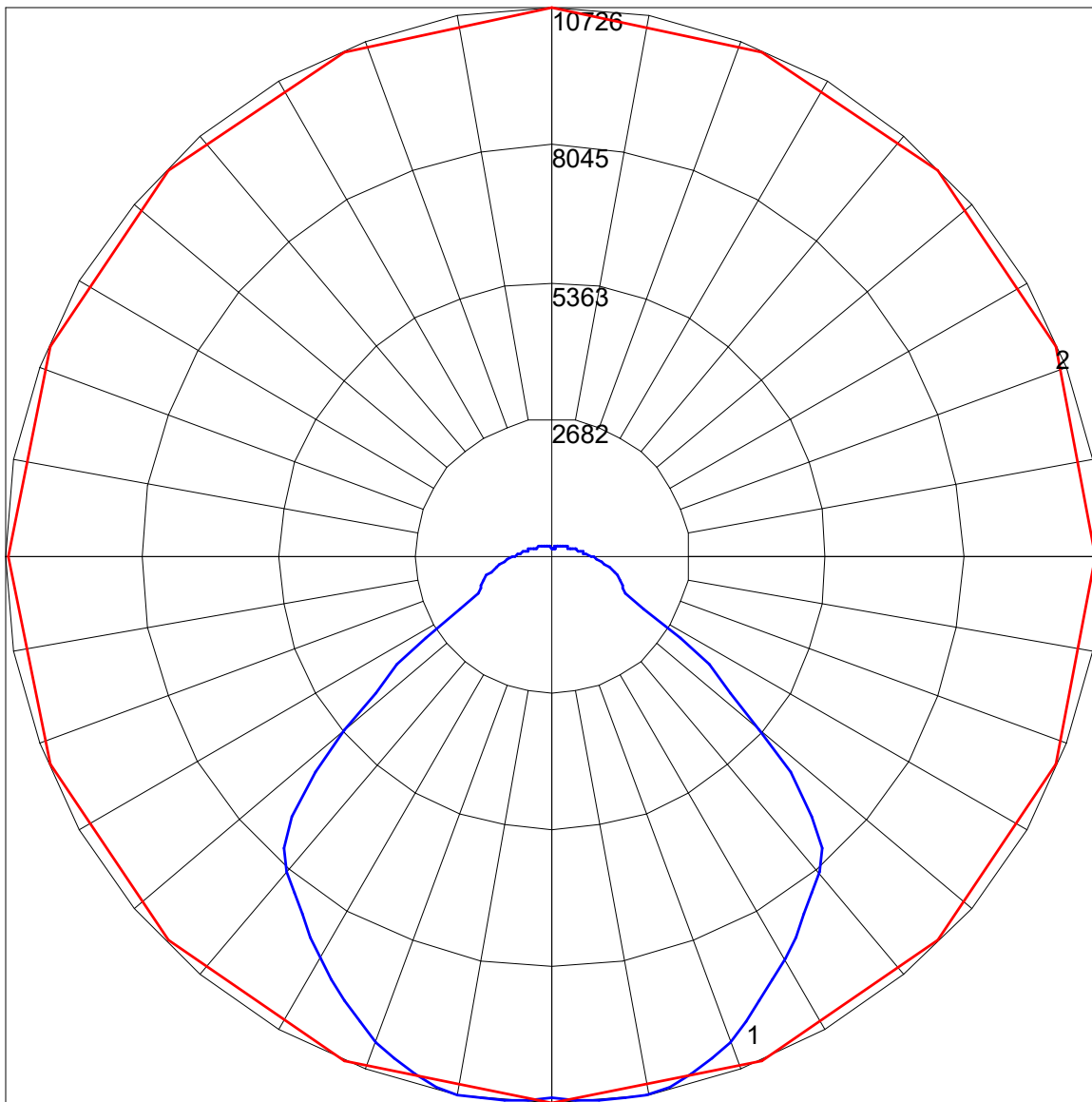
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : AUL-30L-S-830-R22AD.IES**

**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	117	117	117	117	113	113	113	113	107	107	107	100	100	100	95	95	95	92
1	107	103	99	95	104	100	96	93	94	91	88	89	86	84	84	82	80	78
2	99	91	85	79	95	88	83	78	83	79	75	79	75	72	75	72	69	67
3	91	81	73	67	88	79	72	66	75	69	64	71	66	62	67	63	60	57
4	83	72	64	58	81	71	63	57	67	61	56	64	58	54	61	56	52	50
5	77	65	57	51	75	64	56	50	61	54	49	58	52	47	55	50	46	44
6	71	59	51	45	69	58	50	44	55	48	43	53	47	42	50	45	41	39
7	66	54	45	40	64	53	45	39	50	43	38	48	42	38	46	41	37	35
8	62	49	41	36	60	48	40	35	46	39	35	44	38	34	43	37	33	31
9	58	45	37	32	56	44	37	32	43	36	31	41	35	31	39	34	30	28
10	54	42	34	29	53	41	34	29	39	33	28	38	32	28	37	31	27	26

POLAR GRAPH



Maximum Candela = 10726 Located At Horizontal Angle = 90, Vertical Angle = 7.5  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (7.5) (Through Max. Cd.)