

IES INDOOR REPORT

PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #15060098.01

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 29 Nov, 2023

[TEST DATE] 11/20/2023

[MANUFAC] H E Williams Inc

[LUMCAT] AP-14-L55-830-DIM-UNV

[LUMINAIRE] White Recessed 1 X 4 Luminaire with arched center

[LAMP] 168 LEDs

[BALLAST] Advance/ Signify 49w Certadrive X C1049C102V048CDX1

[OTHER] 25.3 C, 120.053 V, 0.343868 A, 40.843 W, 0.989361 PF, 59.9703

[MORE] Hz

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

[OTHER] The reported results were measured in a facility that meets th

[MORE] e requirements of ANSI/IES LM-75-19. The device under test emits no de

[MORE] tectable uplight as defined by ANSI/IES LM-75-19.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5526
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	44.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.36
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.81 ft
Luminous Width (90-270)	0.87 ft
Luminous Height	0.00 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5929	5904	5983
55	5707	5681	5753
65	5398	5385	5265
75	4971	4630	4256
85	4002	2069	1000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.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	1973.597	1973.597	1973.597	1973.597	1973.597
0.5	1982.154	1972.527	1967.178	1974.666	1977.875
1.0	1981.084	1973.597	1968.248	1973.597	1978.945
1.5	1981.084	1972.527	1966.109	1974.666	1977.875
2.0	1980.015	1970.387	1966.109	1973.597	1974.666
2.5	1981.084	1969.318	1965.039	1972.527	1973.597
3.0	1978.945	1968.248	1963.969	1971.457	1975.736
3.5	1978.945	1966.109	1962.900	1969.318	1976.806
4.0	1978.945	1966.109	1962.900	1968.248	1974.666
4.5	1973.597	1963.969	1956.481	1967.178	1971.457
5.0	1970.387	1965.039	1956.481	1965.039	1970.387
5.5	1969.318	1961.830	1956.481	1963.969	1969.318
6.0	1967.178	1958.621	1952.203	1961.830	1966.109
6.5	1963.969	1956.481	1950.063	1957.551	1965.039
7.0	1961.830	1953.272	1946.854	1955.412	1960.760
7.5	1961.830	1950.063	1942.575	1951.133	1957.551
8.0	1955.412	1945.784	1942.575	1948.993	1955.412
8.5	1953.272	1944.715	1939.366	1944.715	1953.272
9.0	1946.854	1941.506	1935.087	1941.506	1952.203
9.5	1944.715	1937.227	1932.948	1937.227	1946.854
10.0	1939.366	1932.948	1928.669	1938.296	1940.436
10.5	1935.087	1927.599	1924.390	1932.948	1939.366
11.0	1932.948	1924.390	1922.251	1927.599	1938.296
11.5	1929.739	1919.042	1916.902	1925.460	1930.809
12.0	1923.321	1915.833	1909.415	1921.181	1923.321
12.5	1919.042	1910.484	1906.205	1915.833	1921.181
13.0	1912.624	1902.996	1901.927	1911.554	1914.763
13.5	1908.345	1899.787	1895.508	1907.275	1912.624
14.0	1902.996	1894.439	1890.160	1900.857	1908.345
14.5	1897.648	1886.951	1888.021	1895.508	1902.996
15.0	1893.369	1883.742	1881.602	1889.090	1896.578
15.5	1885.881	1877.324	1874.114	1884.811	1890.160
16.0	1880.533	1873.045	1868.766	1878.393	1884.811
16.5	1873.045	1865.557	1862.348	1870.905	1878.393
17.0	1867.696	1856.999	1855.930	1863.417	1873.045
17.5	1862.348	1851.651	1848.442	1856.999	1864.487
18.0	1852.720	1844.163	1843.093	1852.720	1855.930
18.5	1847.372	1839.884	1835.605	1845.233	1847.372
19.0	1840.954	1832.396	1827.048	1837.745	1842.023
19.5	1835.605	1823.839	1821.699	1832.396	1835.605
20.0	1828.117	1818.490	1813.142	1822.769	1828.117
20.5	1817.420	1811.002	1805.654	1813.142	1820.629
21.0	1808.863	1802.445	1798.166	1807.793	1814.211
21.5	1801.375	1791.748	1789.608	1800.305	1803.514
22.0	1793.887	1785.329	1779.981	1790.678	1796.026
22.5	1787.469	1776.772	1771.423	1784.260	1791.748
23.0	1778.911	1767.144	1765.005	1775.702	1784.260
23.5	1768.214	1759.657	1756.447	1769.284	1772.493
24.0	1760.726	1753.238	1747.890	1759.657	1763.935
24.5	1752.169	1743.611	1742.541	1752.169	1756.447
25.0	1744.681	1735.053	1731.844	1742.541	1747.890
25.5	1735.053	1727.566	1722.217	1732.914	1738.263
26.0	1724.356	1716.869	1714.729	1724.356	1730.775
26.5	1714.729	1706.172	1706.172	1715.799	1722.217

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1707.241	1698.684	1697.614	1708.311	1712.590
27.5	1696.544	1687.987	1687.987	1698.684	1706.172
28.0	1683.708	1678.359	1676.220	1689.056	1692.265
28.5	1676.220	1670.871	1666.593	1679.429	1682.638
29.0	1666.593	1660.174	1658.035	1668.732	1677.290
29.5	1655.896	1651.617	1648.408	1659.105	1663.384
30.0	1643.059	1639.850	1637.711	1647.338	1655.896
30.5	1635.571	1629.153	1627.014	1638.780	1644.129
31.0	1628.083	1618.456	1616.317	1628.083	1631.293
31.5	1616.317	1607.759	1604.550	1617.386	1624.874
32.0	1606.689	1597.062	1594.923	1607.759	1612.038
32.5	1592.783	1584.226	1583.156	1594.923	1600.271
33.0	1583.156	1573.529	1572.459	1583.156	1591.714
33.5	1573.529	1562.832	1561.762	1573.529	1582.086
34.0	1560.692	1553.204	1551.065	1564.971	1569.250
34.5	1545.717	1540.368	1539.298	1552.135	1558.553
35.0	1537.159	1530.741	1527.532	1542.507	1547.856
35.5	1527.532	1518.974	1516.835	1530.741	1537.159
36.0	1516.835	1507.207	1505.068	1517.904	1523.253
36.5	1503.998	1494.371	1494.371	1506.138	1511.486
37.0	1490.092	1481.535	1483.674	1494.371	1498.650
37.5	1478.325	1469.768	1469.768	1481.535	1486.883
38.0	1468.698	1456.931	1458.001	1468.698	1471.907
38.5	1454.792	1446.234	1447.304	1456.931	1461.210
39.0	1439.816	1434.468	1434.468	1445.165	1449.444
39.5	1428.050	1420.562	1421.631	1433.398	1438.747
40.0	1414.143	1408.795	1410.934	1420.562	1426.980
40.5	1405.586	1395.959	1398.098	1406.656	1416.283
41.0	1390.610	1383.122	1384.192	1395.959	1400.237
41.5	1377.774	1372.425	1372.425	1384.192	1389.540
42.0	1366.007	1358.519	1357.449	1369.216	1375.634
42.5	1353.171	1343.543	1345.683	1355.310	1361.728
43.0	1337.125	1332.846	1332.846	1343.543	1349.961
43.5	1325.358	1318.940	1317.870	1329.637	1337.125
44.0	1312.522	1307.173	1306.104	1316.801	1324.289
44.5	1299.686	1294.337	1293.267	1303.964	1310.383
45.0	1285.779	1280.431	1280.431	1291.128	1297.546
45.5	1271.873	1267.595	1266.525	1277.222	1282.570
46.0	1259.037	1251.549	1252.619	1264.385	1267.595
46.5	1246.201	1237.643	1240.852	1251.549	1255.828
47.0	1231.225	1225.876	1225.876	1237.643	1239.782
47.5	1217.319	1211.970	1213.040	1222.667	1225.876
48.0	1203.413	1198.064	1199.134	1208.761	1210.900
48.5	1189.506	1185.228	1184.158	1194.855	1199.134
49.0	1177.740	1171.322	1170.252	1182.019	1184.158
49.5	1161.694	1157.415	1156.346	1167.043	1169.182
50.0	1148.858	1142.440	1144.579	1153.137	1156.346
50.5	1134.952	1128.534	1129.603	1139.231	1141.370
51.0	1118.906	1113.558	1114.627	1124.255	1127.464
51.5	1105.000	1099.652	1099.652	1112.488	1113.558
52.0	1091.094	1084.676	1086.815	1096.443	1097.512
52.5	1077.188	1070.770	1071.839	1081.467	1084.676
53.0	1062.319	1056.543	1056.329	1066.919	1069.700
53.5	1046.167	1042.316	1042.637	1052.157	1055.152
54.0	1032.474	1028.837	1028.944	1038.679	1040.390
54.5	1018.996	1013.220	1013.862	1024.238	1027.019

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1003.913	998.886	999.421	1009.797	1012.043
55.5	988.403	983.696	984.659	995.035	997.923
56.0	975.139	968.292	969.897	979.417	983.375
56.5	959.628	953.745	955.456	964.442	966.581
57.0	944.117	938.555	940.159	950.108	950.428
57.5	929.462	924.863	925.397	934.383	934.169
58.0	915.449	909.138	910.743	918.765	918.872
58.5	899.725	893.734	895.232	902.613	903.362
59.0	884.107	879.186	880.577	887.316	884.963
59.5	870.201	863.248	865.280	871.699	867.848
60.0	854.369	849.128	850.732	855.225	853.621
60.5	837.682	833.296	835.008	839.394	836.291
61.0	822.920	817.465	819.818	823.348	818.855
61.5	807.837	802.703	805.056	806.447	801.954
62.0	792.113	787.406	789.225	789.332	786.336
62.5	776.495	771.789	774.142	772.002	768.045
63.0	760.771	756.064	758.845	754.994	750.822
63.5	746.972	740.874	743.014	737.986	734.242
64.0	730.605	726.112	728.145	721.727	717.555
64.5	715.201	711.030	712.527	705.360	700.226
65.0	699.691	694.663	697.979	688.138	682.469
65.5	683.966	680.008	681.720	671.023	665.246
66.0	669.953	665.674	666.316	654.549	648.559
66.5	655.619	650.592	650.378	636.899	630.160
67.0	639.146	635.509	634.011	620.319	614.115
67.5	623.528	620.961	618.073	604.060	598.711
68.0	608.552	605.664	601.599	587.586	582.024
68.5	593.363	590.047	585.875	570.685	564.160
69.0	578.922	575.178	570.685	552.928	547.793
69.5	564.160	560.202	553.998	535.813	530.571
70.0	549.612	545.440	537.203	519.125	512.814
70.5	534.101	530.143	519.981	501.475	495.699
71.0	517.307	515.061	502.973	484.467	478.263
71.5	501.796	499.336	485.965	466.817	459.971
72.0	486.393	483.718	469.491	449.274	442.428
72.5	470.240	468.422	452.483	431.196	424.778
73.0	454.943	453.125	435.261	413.974	407.556
73.5	439.540	438.149	418.039	397.180	389.799
74.0	424.671	423.387	401.458	380.171	372.256
74.5	410.123	408.518	384.450	362.842	355.461
75.0	394.612	392.473	367.549	345.620	337.811
75.5	379.957	376.855	350.434	328.398	319.840
76.0	364.768	361.024	333.853	310.962	302.190
76.5	349.257	346.262	317.380	294.168	285.289
77.0	334.388	331.286	300.586	277.480	267.960
77.5	320.375	315.668	283.791	260.258	250.738
78.0	305.827	299.516	267.318	243.464	233.516
78.5	291.386	283.577	251.486	226.776	216.186
79.0	276.945	267.960	234.906	210.089	199.285
79.5	261.756	252.128	218.861	193.402	182.812
80.0	247.743	236.404	202.708	177.142	166.766
80.5	233.516	220.572	186.877	161.097	151.149
81.0	219.182	205.168	171.366	146.656	135.210
81.5	205.489	189.658	155.534	131.359	120.341
82.0	191.369	174.040	140.024	114.779	105.258
82.5	177.035	158.637	124.620	99.803	91.138

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	162.487	143.126	110.821	85.683	77.018
83.5	148.260	128.150	95.845	72.526	63.433
84.0	134.354	113.923	81.618	59.475	50.597
84.5	120.555	99.589	68.247	46.853	37.974
85.0	106.970	85.255	55.303	34.979	26.743
85.5	93.171	71.777	43.002	25.031	18.720
86.0	79.907	58.940	32.519	17.543	14.120
86.5	67.284	46.104	23.961	12.836	10.162
87.0	55.197	35.407	16.901	10.055	8.665
87.5	44.286	26.743	11.874	8.237	7.702
88.0	34.444	19.469	8.879	8.130	6.846
88.5	25.566	12.729	8.451	8.558	5.990
89.0	18.613	7.702	5.455	8.023	5.135
89.5	12.409	4.707	4.065	6.739	3.530
90.0	0.000	0.000	0.000	0.000	0.000
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	718.74	N.A.	13.00
0-30	1519.96	N.A.	27.50
0-40	2480.14	N.A.	44.90
0-60	4368.17	N.A.	79.10
0-80	5442.24	N.A.	98.50
0-90	5525.83	N.A.	100.00
10-90	5339.3	N.A.	96.60
20-40	1761.4	N.A.	31.90
20-50	2752.83	N.A.	49.80
40-70	2573.75	N.A.	46.60
60-80	1074.07	N.A.	19.40
70-80	388.35	N.A.	7.00
80-90	83.59	N.A.	1.50
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	5525.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	186.53
10-20	532.20
20-30	801.23
30-40	960.18
40-50	991.43
50-60	896.60
60-70	685.72
70-80	388.35
80-90	83.59
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.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	110	110	110	105	105	105	101	101	101	99
1	108	103	99	95	105	101	97	93	97	93	91	93	90	88	89	87	85	83
2	98	90	83	77	95	88	82	76	84	79	75	81	77	73	78	74	71	69
3	89	79	71	64	87	77	70	64	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	79	68	60	54	66	59	53	64	57	52	61	56	52	50
5	75	62	53	47	73	61	53	46	59	52	46	57	51	45	55	50	45	43
6	69	56	47	41	67	55	47	41	53	46	40	52	45	40	50	44	39	37
7	64	51	42	36	63	50	42	36	48	41	36	47	40	35	46	40	35	33
8	60	46	38	32	58	46	38	32	44	37	32	43	36	32	42	36	31	29
9	56	43	34	29	54	42	34	29	41	34	29	40	33	28	39	33	28	27
10	52	39	31	26	51	39	31	26	38	31	26	37	30	26	36	30	26	24

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-830-DIM-UNV_.IES

UGR TABLE - CORRECTED

Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size UGR Viewed Crosswise

X=2H	Y=2H	18.3	19.9	18.6	20.2	20.5	18.3	20.0	18.7	20.3	20.6
	3H	20.2	21.7	20.5	22.0	22.3	20.1	21.6	20.5	21.9	22.3
	4H	20.9	22.3	21.3	22.7	23.0	20.7	22.1	21.1	22.4	22.8
	6H	21.5	22.8	21.9	23.1	23.5	21.0	22.3	21.4	22.7	23.1
	8H	21.7	22.9	22.1	23.3	23.7	21.1	22.3	21.5	22.7	23.1
	12H	21.8	23.0	22.2	23.4	23.8	21.1	22.3	21.5	22.6	23.1

UGR Viewed Endwise

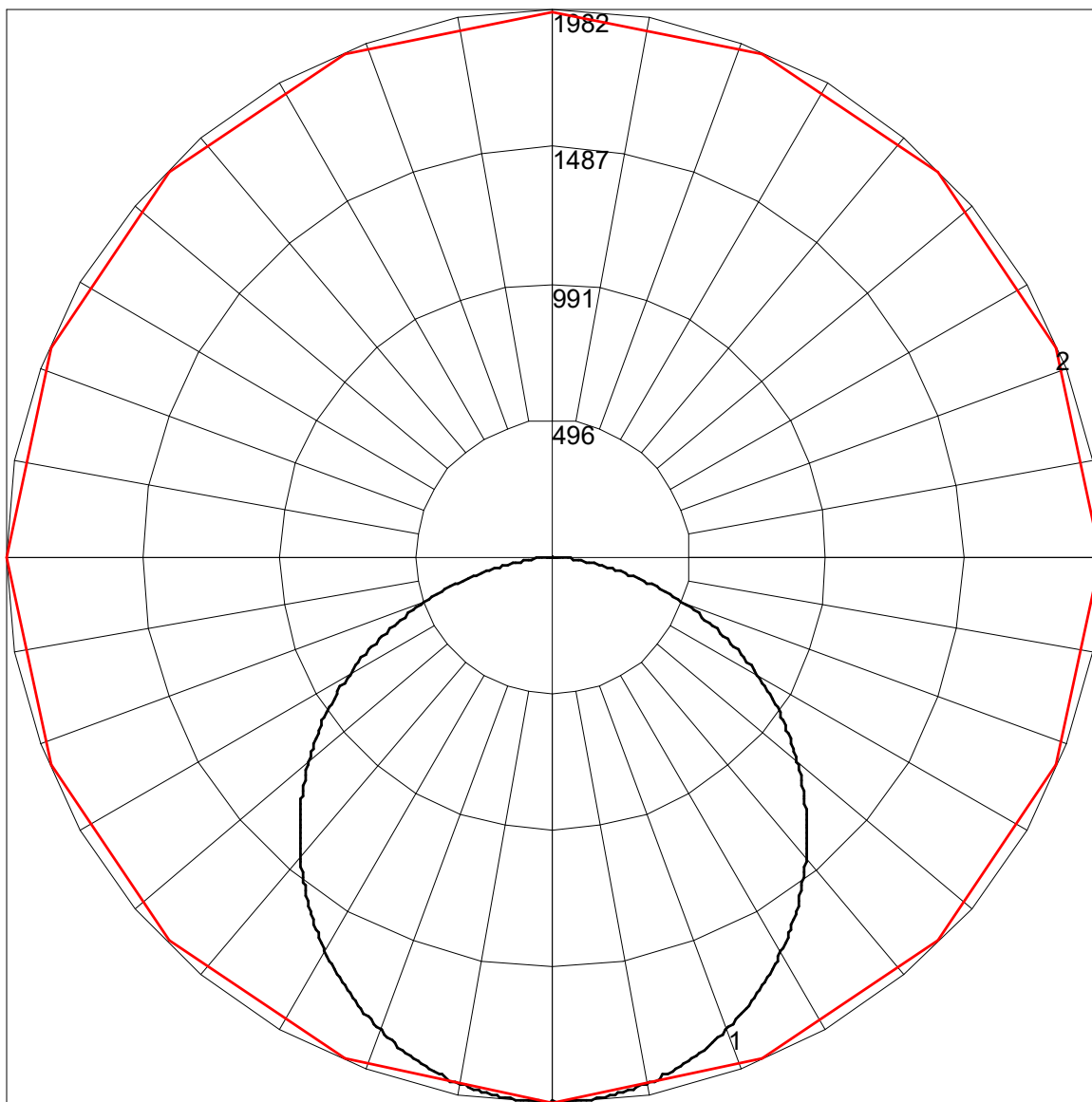
4H	2H	18.9	20.3	19.3	20.7	21.0	19.0	20.4	19.4	20.7	21.1
	3H	21.1	22.2	21.5	22.6	23.0	21.0	22.1	21.4	22.5	22.9
	4H	21.9	23.0	22.4	23.4	23.8	21.6	22.7	22.1	23.1	23.6
	6H	22.6	23.5	23.1	24.0	24.4	22.1	23.0	22.5	23.5	23.9
	8H	22.8	23.7	23.3	24.2	24.6	22.2	23.0	22.6	23.5	23.9
	12H	23.0	23.8	23.5	24.3	24.7	22.2	23.0	22.7	23.4	23.9

8H	4H	22.2	23.1	22.7	23.5	24.0	22.0	22.8	22.4	23.3	23.7
	6H	23.0	23.7	23.5	24.2	24.7	22.5	23.2	23.0	23.7	24.2
	8H	23.3	24.0	23.8	24.5	25.0	22.6	23.3	23.1	23.8	24.2
	12H	23.6	24.1	24.1	24.6	25.2	22.7	23.2	23.2	23.7	24.3

12H	4H	22.2	23.0	22.7	23.5	23.9	22.0	22.8	22.5	23.3	23.7
	6H	23.1	23.7	23.6	24.2	24.7	22.6	23.2	23.1	23.7	24.2
	8H	23.4	24.0	23.9	24.5	25.0	22.7	23.3	23.2	23.8	24.3

Maximum UGR = 25.2

POLAR GRAPH



Maximum Candela = 1982.154 Located At Horizontal Angle = 0, Vertical Angle = .5

1 - Vertical Plane Through Horizontal Angles (90 - 270)

2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)