

IES INDOOR REPORT

PHOTOMETRIC FILENAME : AP-14-L55-835-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-L55-835-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	5582
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
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

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5989	5964	6043
55	5764	5739	5811
65	5453	5439	5318
75	5021	4677	4299
85	4042	2090	1011

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1993.523	1993.523	1993.523	1993.523	1993.523
0.5	2002.167	1992.442	1987.040	1994.603	1997.845
1.0	2001.086	1993.523	1988.120	1993.523	1998.925
1.5	2001.086	1992.442	1985.959	1994.603	1997.845
2.0	2000.006	1990.281	1985.959	1993.523	1994.603
2.5	2001.086	1989.201	1984.879	1992.442	1993.523
3.0	1998.925	1988.120	1983.798	1991.362	1995.684
3.5	1998.925	1985.959	1982.718	1989.201	1996.764
4.0	1998.925	1985.959	1982.718	1988.120	1994.603
4.5	1993.523	1983.798	1976.235	1987.040	1991.362
5.0	1990.281	1984.879	1976.235	1984.879	1990.281
5.5	1989.201	1981.637	1976.235	1983.798	1989.201
6.0	1987.040	1978.396	1971.913	1981.637	1985.959
6.5	1983.798	1976.235	1969.752	1977.315	1984.879
7.0	1981.637	1972.993	1966.510	1975.154	1980.557
7.5	1981.637	1969.752	1962.188	1970.832	1977.315
8.0	1975.154	1965.430	1962.188	1968.671	1975.154
8.5	1972.993	1964.349	1958.947	1964.349	1972.993
9.0	1966.510	1961.108	1954.625	1961.108	1971.913
9.5	1964.349	1956.786	1952.464	1956.786	1966.510
10.0	1958.947	1952.464	1948.142	1957.866	1960.027
10.5	1954.625	1947.061	1943.820	1952.464	1958.947
11.0	1952.464	1943.820	1941.659	1947.061	1957.866
11.5	1949.222	1938.417	1936.256	1944.900	1950.303
12.0	1942.739	1935.176	1928.693	1940.578	1942.739
12.5	1938.417	1929.773	1925.451	1935.176	1940.578
13.0	1931.934	1922.210	1921.129	1930.854	1934.095
13.5	1927.612	1918.968	1914.646	1926.532	1931.934
14.0	1922.210	1913.566	1909.244	1920.049	1927.612
14.5	1916.807	1906.002	1907.083	1914.646	1922.210
15.0	1912.485	1902.761	1900.600	1908.163	1915.727
15.5	1904.922	1896.278	1893.036	1903.841	1909.244
16.0	1899.519	1891.956	1887.634	1897.358	1903.841
16.5	1891.956	1884.392	1881.151	1889.795	1897.358
17.0	1886.553	1875.748	1874.668	1882.231	1891.956
17.5	1881.151	1870.346	1867.104	1875.748	1883.312
18.0	1871.426	1862.782	1861.702	1871.426	1874.668
18.5	1866.024	1858.460	1854.138	1863.863	1866.024
19.0	1859.541	1850.897	1845.494	1856.299	1860.621
19.5	1854.138	1842.253	1840.092	1850.897	1854.138
20.0	1846.575	1836.850	1831.448	1841.172	1846.575
20.5	1835.770	1829.287	1823.884	1831.448	1839.011
21.0	1827.126	1820.643	1816.321	1826.045	1832.528
21.5	1819.562	1809.838	1807.677	1818.482	1821.723
22.0	1811.999	1803.355	1797.952	1808.757	1814.160
22.5	1805.516	1794.711	1789.308	1802.274	1809.838
23.0	1796.872	1784.986	1782.825	1793.630	1802.274
23.5	1786.067	1777.423	1774.181	1787.147	1790.389
24.0	1778.503	1770.940	1765.537	1777.423	1781.745
24.5	1769.859	1761.215	1760.135	1769.859	1774.181
25.0	1762.296	1752.571	1749.330	1760.135	1765.537
25.5	1752.571	1745.008	1739.605	1750.410	1755.813
26.0	1741.766	1734.203	1732.042	1741.766	1748.249
26.5	1732.042	1723.398	1723.398	1733.122	1739.605

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27.0	1724.478	1715.834	1714.754	1725.559	1729.881
27.5	1713.673	1705.029	1705.029	1715.834	1723.398
28.0	1700.707	1695.305	1693.144	1706.110	1709.351
28.5	1693.144	1687.741	1683.419	1696.385	1699.627
29.0	1683.419	1676.936	1674.775	1685.580	1694.224
29.5	1672.614	1668.292	1665.051	1675.856	1680.178
30.0	1659.648	1656.407	1654.246	1663.970	1672.614
30.5	1652.085	1645.602	1643.441	1655.326	1660.729
31.0	1644.521	1634.797	1632.636	1644.521	1647.763
31.5	1632.636	1623.992	1620.750	1633.716	1641.280
32.0	1622.911	1613.187	1611.026	1623.992	1628.314
32.5	1608.865	1600.221	1599.140	1611.026	1616.428
33.0	1599.140	1589.416	1588.335	1599.140	1607.784
33.5	1589.416	1578.611	1577.530	1589.416	1598.060
34.0	1576.450	1568.886	1566.725	1580.772	1585.094
34.5	1561.323	1555.920	1554.840	1567.806	1574.289
35.0	1552.679	1546.196	1542.954	1558.081	1563.484
35.5	1542.954	1534.310	1532.149	1546.196	1552.679
36.0	1532.149	1522.425	1520.264	1533.230	1538.632
36.5	1519.183	1509.459	1509.459	1521.344	1526.747
37.0	1505.137	1496.493	1498.654	1509.459	1513.781
37.5	1493.251	1484.607	1484.607	1496.493	1501.895
38.0	1483.527	1471.641	1472.722	1483.527	1486.768
38.5	1469.480	1460.836	1461.917	1471.641	1475.963
39.0	1454.353	1448.951	1448.951	1459.756	1464.078
39.5	1442.468	1434.904	1435.985	1447.870	1453.273
40.0	1428.421	1423.019	1425.180	1434.904	1441.387
40.5	1419.777	1410.053	1412.214	1420.858	1430.582
41.0	1404.650	1397.087	1398.167	1410.053	1414.375
41.5	1391.684	1386.282	1386.282	1398.167	1403.570
42.0	1379.799	1372.235	1371.155	1383.040	1389.523
42.5	1366.833	1357.108	1359.269	1368.994	1375.477
43.0	1350.625	1346.303	1346.303	1357.108	1363.591
43.5	1338.740	1332.257	1331.176	1343.062	1350.625
44.0	1325.774	1320.371	1319.291	1330.096	1337.659
44.5	1312.808	1307.405	1306.325	1317.130	1323.613
45.0	1298.761	1293.359	1293.359	1304.164	1310.647
45.5	1284.715	1280.393	1279.312	1290.117	1295.520
46.0	1271.749	1264.185	1265.266	1277.151	1280.393
46.5	1258.783	1250.139	1253.380	1264.185	1268.507
47.0	1243.656	1238.253	1238.253	1250.139	1252.300
47.5	1229.609	1224.207	1225.287	1235.012	1238.253
48.0	1215.563	1210.160	1211.241	1220.965	1223.126
48.5	1201.516	1197.194	1196.114	1206.919	1211.241
49.0	1189.631	1183.148	1182.067	1193.953	1196.114
49.5	1173.423	1169.101	1168.021	1178.826	1180.987
50.0	1160.457	1153.974	1156.135	1164.779	1168.021
50.5	1146.411	1139.928	1141.008	1150.733	1152.894
51.0	1130.203	1124.801	1125.881	1135.606	1138.847
51.5	1116.157	1110.754	1110.754	1123.720	1124.801
52.0	1102.110	1095.627	1097.788	1107.513	1108.593
52.5	1088.064	1081.581	1082.661	1092.386	1095.627
53.0	1073.045	1067.210	1066.994	1077.691	1080.500
53.5	1056.729	1052.839	1053.163	1062.780	1065.805
54.0	1042.899	1039.225	1039.333	1049.166	1050.894
54.5	1029.284	1023.450	1024.098	1034.579	1037.388

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55.0	1014.049	1008.971	1009.511	1019.992	1022.261
55.5	998.382	993.628	994.600	1005.081	1007.998
56.0	984.984	978.069	979.689	989.306	993.304
56.5	969.317	963.374	965.103	974.179	976.340
57.0	953.649	948.031	949.651	959.700	960.024
57.5	938.846	934.200	934.741	943.817	943.601
58.0	924.692	918.317	919.938	928.041	928.150
58.5	908.809	902.758	904.270	911.726	912.482
59.0	893.033	888.063	889.468	896.275	893.898
59.5	878.987	871.964	874.016	880.499	876.610
60.0	862.995	857.701	859.322	863.860	862.239
60.5	846.140	841.710	843.438	847.868	844.735
61.0	831.229	825.718	828.095	831.661	827.123
61.5	815.994	810.807	813.184	814.589	810.051
62.0	800.110	795.356	797.193	797.301	794.276
62.5	784.335	779.581	781.958	779.797	775.799
63.0	768.452	763.697	766.507	762.617	758.403
63.5	754.513	748.354	750.515	745.437	741.655
64.0	737.982	733.443	735.496	729.013	724.799
64.5	722.422	718.208	719.721	712.482	707.295
65.0	706.755	701.677	705.026	695.086	689.359
65.5	690.872	686.874	688.603	677.798	671.963
66.0	676.717	672.395	673.043	661.158	655.107
66.5	662.238	657.160	656.944	643.330	636.523
67.0	645.599	641.925	640.412	626.582	620.315
67.5	629.823	627.230	624.313	610.158	604.756
68.0	614.696	611.779	607.673	593.519	587.900
68.5	599.353	596.004	591.790	576.447	569.856
69.0	584.767	580.985	576.447	558.510	553.324
69.5	569.856	565.858	559.591	541.222	535.928
70.0	555.161	550.947	542.627	524.367	517.992
70.5	539.494	535.496	525.231	506.538	500.704
71.0	522.530	520.261	508.051	489.358	483.092
71.5	506.863	504.377	490.871	471.530	464.615
72.0	491.303	488.602	474.231	453.810	446.895
72.5	474.988	473.151	457.052	435.550	429.067
73.0	459.537	457.700	439.655	418.154	411.671
73.5	443.977	442.573	422.259	401.190	393.734
74.0	428.959	427.662	405.512	384.010	376.014
74.5	414.264	412.643	388.332	366.506	359.050
75.0	398.596	396.435	371.260	349.110	341.222
75.5	383.794	380.660	353.972	331.714	323.070
76.0	368.451	364.669	337.224	314.101	305.241
76.5	352.783	349.758	320.584	297.138	288.169
77.0	337.764	334.631	303.621	280.282	270.665
77.5	323.610	318.856	286.657	262.886	253.269
78.0	308.915	302.540	270.017	245.922	235.873
78.5	294.328	286.441	254.026	229.066	218.369
79.0	279.741	270.665	237.278	212.210	201.297
79.5	264.398	254.674	221.070	195.354	184.657
80.0	250.244	238.791	204.755	178.931	168.450
80.5	235.873	222.799	188.763	162.723	152.675
81.0	221.394	207.240	173.096	148.137	136.575
81.5	207.564	191.573	157.105	132.685	121.556
82.0	193.301	175.797	141.437	115.938	106.321
82.5	178.823	160.238	125.878	100.811	92.059

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CANDELA TABULATION - (Cont.)

83.0	164.128	144.571	111.940	86.548	77.796
83.5	149.757	129.444	96.813	73.258	64.074
84.0	135.711	115.073	82.442	60.076	51.108
84.5	121.772	100.595	68.936	47.326	38.358
85.0	108.050	86.116	55.862	35.332	27.013
85.5	94.112	72.502	43.436	25.284	18.909
86.0	80.713	59.536	32.847	17.720	14.263
86.5	67.963	46.570	24.203	12.966	10.265
87.0	55.754	35.765	17.072	10.157	8.752
87.5	44.733	27.013	11.994	8.320	7.780
88.0	34.792	19.665	8.968	8.212	6.915
88.5	25.824	12.858	8.536	8.644	6.051
89.0	18.801	7.780	5.511	8.104	5.186
89.5	12.534	4.754	4.106	6.807	3.566
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

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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-L55-835-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-L55-835-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-L55-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	725.99	N.A.	13.00
0-30	1535.31	N.A.	27.50
0-40	2505.18	N.A.	44.90
0-60	4412.27	N.A.	79.00
0-80	5497.18	N.A.	98.50
0-90	5581.62	N.A.	100.00
10-90	5393.2	N.A.	96.60
20-40	1779.19	N.A.	31.90
20-50	2780.63	N.A.	49.80
40-70	2599.73	N.A.	46.60
60-80	1084.91	N.A.	19.40
70-80	392.27	N.A.	7.00
80-90	84.44	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	5581.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	188.42
10-20	537.58
20-30	809.32
30-40	969.87
40-50	1001.44
50-60	905.65
60-70	692.64
70-80	392.27
80-90	84.44
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-L55-835-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	129	129	129	129	126	126	126	126	120	120	120	115	115	115	110	110	110	108
1	118	112	108	104	115	110	106	102	105	102	99	101	98	96	97	95	93	91
2	107	98	91	84	104	96	89	83	92	86	81	88	84	80	85	81	78	75
3	97	86	77	70	95	84	76	69	81	74	68	78	72	67	75	70	66	63
4	89	76	67	59	87	75	66	59	72	64	58	69	63	57	67	61	56	54
5	82	68	58	51	80	67	58	51	64	56	50	62	55	50	60	54	49	47
6	76	61	51	45	74	60	51	44	58	50	44	56	49	43	55	48	43	41
7	70	55	46	39	68	55	46	39	53	45	39	51	44	39	50	43	38	36
8	65	51	41	35	64	50	41	35	48	40	35	47	40	34	46	39	34	32
9	61	46	38	32	59	46	37	31	45	37	31	43	36	31	42	36	31	29
10	57	43	34	29	56	42	34	29	41	34	28	40	33	28	39	33	28	26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-835-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	18.0	19.6	18.3	19.9	20.2	18.0	19.7	18.4	20.0	20.3
	3H	19.9	21.4	20.2	21.7	22.0	19.8	21.3	20.2	21.6	22.0
	4H	20.6	22.0	21.0	22.4	22.7	20.4	21.8	20.8	22.1	22.5
	6H	21.2	22.5	21.6	22.8	23.2	20.7	22.0	21.1	22.4	22.8
	8H	21.4	22.6	21.8	23.0	23.4	20.8	22.0	21.2	22.4	22.8
	12H	21.5	22.7	21.9	23.1	23.5	20.8	22.0	21.2	22.3	22.8

UGR Viewed Endwise

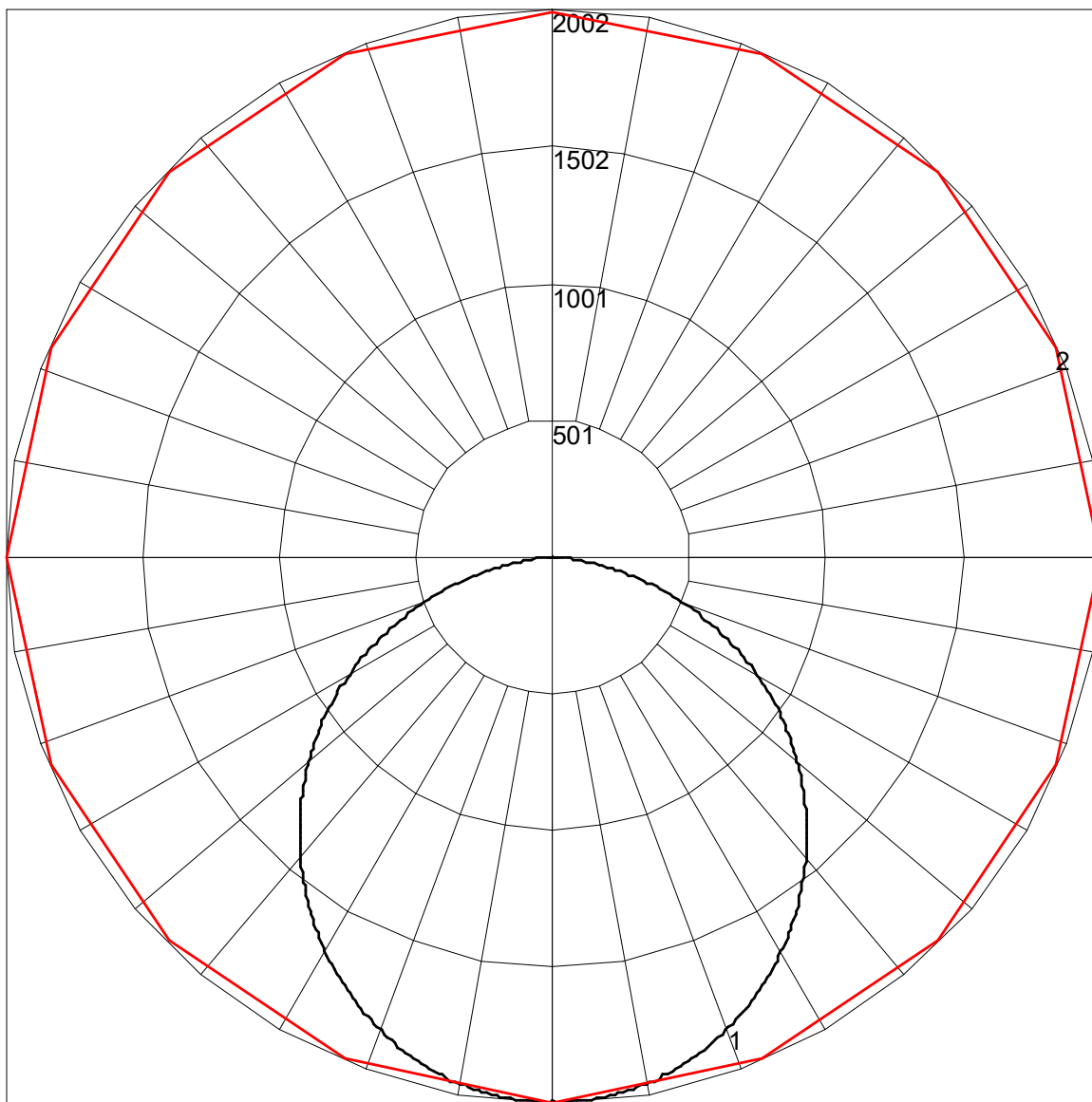
4H	2H	18.6	20.0	19.0	20.4	20.7	18.7	20.1	19.1	20.4	20.8
	3H	20.8	21.9	21.2	22.3	22.7	20.6	21.8	21.1	22.2	22.6
	4H	21.6	22.7	22.1	23.1	23.5	21.3	22.4	21.8	22.8	23.3
	6H	22.3	23.2	22.8	23.7	24.1	21.8	22.7	22.2	23.2	23.6
	8H	22.5	23.4	23.0	23.9	24.3	21.9	22.7	22.3	23.2	23.6
	12H	22.7	23.5	23.2	24.0	24.4	21.9	22.7	22.4	23.1	23.6

8H	4H	21.9	22.8	22.4	23.2	23.7	21.7	22.5	22.1	23.0	23.4
	6H	22.7	23.4	23.2	23.9	24.4	22.2	22.9	22.7	23.4	23.9
	8H	23.0	23.7	23.5	24.2	24.7	22.3	23.0	22.8	23.5	23.9
	12H	23.3	23.8	23.8	24.3	24.9	22.4	22.9	22.9	23.4	24.0

12H	4H	21.9	22.7	22.4	23.2	23.6	21.7	22.5	22.2	23.0	23.4
	6H	22.8	23.4	23.3	23.9	24.4	22.3	22.9	22.8	23.4	23.9
	8H	23.1	23.7	23.6	24.2	24.7	22.4	23.0	22.9	23.5	24.0

Maximum UGR = 24.9

POLAR GRAPH



Maximum Candela = 2002.167 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.)