

IES INDOOR REPORT

PHOTOMETRIC FILENAME : AP-14-L55-840-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-L55-840-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	5749
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
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-L55-840-DIM-UNV_.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6168	6143	6225
55	5937	5911	5985
65	5616	5602	5478
75	5172	4817	4427
85	4163	2152	1041

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-840-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	2053.301	2053.301	2053.301	2053.301	2053.301
0.5	2062.204	2052.188	2046.623	2054.413	2057.752
1.0	2061.091	2053.301	2047.736	2053.301	2058.865
1.5	2061.091	2052.188	2045.510	2054.413	2057.752
2.0	2059.978	2049.962	2045.510	2053.301	2054.413
2.5	2061.091	2048.849	2044.397	2052.188	2053.301
3.0	2058.865	2047.736	2043.284	2051.075	2055.526
3.5	2058.865	2045.510	2042.172	2048.849	2056.639
4.0	2058.865	2045.510	2042.172	2047.736	2054.413
4.5	2053.301	2043.284	2035.494	2046.623	2051.075
5.0	2049.962	2044.397	2035.494	2044.397	2049.962
5.5	2048.849	2041.059	2035.494	2043.284	2048.849
6.0	2046.623	2037.720	2031.043	2041.059	2045.510
6.5	2043.284	2035.494	2028.817	2036.607	2044.397
7.0	2041.059	2032.155	2025.478	2034.381	2039.946
7.5	2041.059	2028.817	2021.026	2029.930	2036.607
8.0	2034.381	2024.365	2021.026	2027.704	2034.381
8.5	2032.155	2023.252	2017.688	2023.252	2032.155
9.0	2025.478	2019.914	2013.236	2019.914	2031.043
9.5	2023.252	2015.462	2011.010	2015.462	2025.478
10.0	2017.688	2011.010	2006.559	2016.575	2018.801
10.5	2013.236	2005.446	2002.107	2011.010	2017.688
11.0	2011.010	2002.107	1999.881	2005.446	2016.575
11.5	2007.672	1996.543	1994.317	2003.220	2008.785
12.0	2000.994	1993.204	1986.527	1998.768	2000.994
12.5	1996.543	1987.639	1983.188	1993.204	1998.768
13.0	1989.865	1979.849	1978.736	1988.752	1992.091
13.5	1985.414	1976.510	1972.059	1984.301	1989.865
14.0	1979.849	1970.946	1966.494	1977.623	1985.414
14.5	1974.285	1963.156	1964.269	1972.059	1979.849
15.0	1969.833	1959.817	1957.591	1965.381	1973.172
15.5	1962.043	1953.140	1949.801	1960.930	1966.494
16.0	1956.478	1948.688	1944.236	1954.252	1960.930
16.5	1948.688	1940.898	1937.559	1946.462	1954.252
17.0	1943.123	1931.994	1930.882	1938.672	1948.688
17.5	1937.559	1926.430	1923.091	1931.994	1939.785
18.0	1927.543	1918.640	1917.527	1927.543	1930.882
18.5	1921.978	1914.188	1909.736	1919.753	1921.978
19.0	1915.301	1906.398	1900.833	1911.962	1916.414
19.5	1909.736	1897.495	1895.269	1906.398	1909.736
20.0	1901.946	1891.930	1886.366	1896.382	1901.946
20.5	1890.817	1884.140	1878.575	1886.366	1894.156
21.0	1881.914	1875.237	1870.785	1880.801	1887.478
21.5	1874.124	1864.108	1861.882	1873.011	1876.349
22.0	1866.333	1857.430	1851.866	1862.995	1868.559
22.5	1859.656	1848.527	1842.962	1856.317	1864.108
23.0	1850.753	1838.511	1836.285	1847.414	1856.317
23.5	1839.624	1830.721	1827.382	1840.737	1844.075
24.0	1831.833	1824.043	1818.479	1830.721	1835.172
24.5	1822.930	1814.027	1812.914	1822.930	1827.382
25.0	1815.140	1805.124	1801.785	1812.914	1818.479
25.5	1805.124	1797.334	1791.769	1802.898	1808.463
26.0	1793.995	1786.205	1783.979	1793.995	1800.672
26.5	1783.979	1775.076	1775.076	1785.092	1791.769

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

27.0	1776.188	1767.285	1766.172	1777.301	1781.753
27.5	1765.059	1756.156	1756.156	1767.285	1775.076
28.0	1751.705	1746.140	1743.914	1757.269	1760.608
28.5	1743.914	1738.350	1733.898	1747.253	1750.592
29.0	1733.898	1727.221	1724.995	1736.124	1745.027
29.5	1722.769	1718.318	1714.979	1726.108	1730.560
30.0	1709.414	1706.076	1703.850	1713.866	1722.769
30.5	1701.624	1694.947	1692.721	1704.963	1710.527
31.0	1693.834	1683.818	1681.592	1693.834	1697.173
31.5	1681.592	1672.689	1669.350	1682.705	1690.495
32.0	1671.576	1661.560	1659.334	1672.689	1677.140
32.5	1657.108	1648.205	1647.092	1659.334	1664.898
33.0	1647.092	1637.076	1635.963	1647.092	1655.995
33.5	1637.076	1625.947	1624.834	1637.076	1645.979
34.0	1623.721	1615.931	1613.705	1628.173	1632.624
34.5	1608.141	1602.576	1601.463	1614.818	1621.495
35.0	1599.237	1592.560	1589.221	1604.802	1610.366
35.5	1589.221	1580.318	1578.092	1592.560	1599.237
36.0	1578.092	1568.076	1565.850	1579.205	1584.770
36.5	1564.737	1554.721	1554.721	1566.963	1572.528
37.0	1550.270	1541.367	1543.592	1554.721	1559.173
37.5	1538.028	1529.125	1529.125	1541.367	1546.931
38.0	1528.012	1515.770	1516.883	1528.012	1531.350
38.5	1513.544	1504.641	1505.754	1515.770	1520.221
39.0	1497.963	1492.399	1492.399	1503.528	1507.980
39.5	1485.722	1477.931	1479.044	1491.286	1496.851
40.0	1471.254	1465.689	1467.915	1477.931	1484.609
40.5	1462.351	1452.335	1454.560	1463.464	1473.480
41.0	1446.770	1438.980	1440.093	1452.335	1456.786
41.5	1433.415	1427.851	1427.851	1440.093	1445.657
42.0	1421.173	1413.383	1412.270	1424.512	1431.189
42.5	1407.819	1397.802	1400.028	1410.044	1416.722
43.0	1391.125	1386.673	1386.673	1397.802	1404.480
43.5	1378.883	1372.206	1371.093	1383.335	1391.125
44.0	1365.528	1359.964	1358.851	1369.980	1377.770
44.5	1352.174	1346.609	1345.496	1356.625	1363.303
45.0	1337.706	1332.141	1332.141	1343.270	1349.948
45.5	1323.238	1318.787	1317.674	1328.803	1334.367
46.0	1309.883	1302.093	1303.206	1315.448	1318.787
46.5	1296.529	1287.625	1290.964	1302.093	1306.545
47.0	1280.948	1275.383	1275.383	1287.625	1289.851
47.5	1266.480	1260.916	1262.029	1272.045	1275.383
48.0	1252.013	1246.448	1247.561	1257.577	1259.803
48.5	1237.545	1233.093	1231.980	1243.109	1247.561
49.0	1225.303	1218.626	1217.513	1229.755	1231.980
49.5	1208.609	1204.158	1203.045	1214.174	1216.400
50.0	1195.255	1188.577	1190.803	1199.706	1203.045
50.5	1180.787	1174.110	1175.222	1185.239	1187.464
51.0	1164.093	1158.529	1159.642	1169.658	1172.997
51.5	1149.626	1144.061	1144.061	1157.416	1158.529
52.0	1135.158	1128.481	1130.706	1140.723	1141.835
52.5	1120.690	1114.013	1115.126	1125.142	1128.481
53.0	1105.221	1099.211	1098.989	1110.006	1112.900
53.5	1088.416	1084.410	1084.744	1094.648	1097.765
54.0	1074.171	1070.387	1070.499	1080.626	1082.407
54.5	1060.149	1054.139	1054.807	1065.602	1068.495

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	1044.457	1039.226	1039.782	1050.578	1052.915
55.5	1028.320	1023.423	1024.424	1035.220	1038.224
56.0	1014.520	1007.397	1009.066	1018.971	1023.089
56.5	998.383	992.262	994.042	1003.391	1005.616
57.0	982.246	976.458	978.128	988.478	988.812
57.5	966.999	962.213	962.770	972.118	971.896
58.0	952.420	945.854	947.523	955.870	955.981
58.5	936.060	929.828	931.386	939.065	939.844
59.0	919.812	914.693	916.139	923.151	920.702
59.5	905.344	898.110	900.225	906.902	902.896
60.0	888.873	883.420	885.089	889.764	888.094
60.5	871.512	866.949	868.730	873.293	870.065
61.0	856.154	850.478	852.927	856.599	851.925
61.5	840.462	835.120	837.569	839.015	834.341
62.0	824.102	819.206	821.098	821.209	818.093
62.5	807.854	802.957	805.406	803.180	799.062
63.0	791.494	786.598	789.491	785.485	781.145
63.5	777.138	770.795	773.020	767.790	763.895
64.0	760.111	755.437	757.551	750.874	746.533
64.5	744.085	739.745	741.303	733.846	728.504
65.0	727.948	722.717	726.167	715.929	710.030
65.5	711.588	707.471	709.251	698.122	692.113
66.0	697.009	692.558	693.225	680.984	674.751
66.5	682.096	676.866	676.643	662.621	655.609
67.0	664.958	661.174	659.616	645.371	638.916
67.5	648.709	646.038	643.034	628.455	622.890
68.0	633.129	630.124	625.895	611.316	605.529
68.5	617.326	613.876	609.535	593.732	586.943
69.0	602.301	598.406	593.732	575.258	569.916
69.5	586.943	582.826	576.371	557.452	551.998
70.0	571.808	567.468	558.898	540.090	533.524
70.5	555.671	551.553	540.981	521.728	515.718
71.0	538.198	535.861	523.286	504.032	497.578
71.5	522.061	519.502	505.590	485.670	478.547
72.0	506.036	503.253	488.452	467.418	460.295
72.5	489.231	487.339	470.757	448.610	441.933
73.0	473.316	471.424	452.839	430.692	424.015
73.5	457.291	455.844	434.921	413.220	405.541
74.0	441.821	440.486	417.671	395.525	387.289
74.5	426.686	425.017	399.976	377.496	369.817
75.0	410.549	408.323	382.392	359.578	351.454
75.5	395.302	392.075	364.586	341.660	332.757
76.0	379.499	375.604	347.336	323.520	314.394
76.5	363.362	360.246	330.197	306.048	296.810
77.0	347.893	344.665	312.725	288.686	278.781
77.5	333.314	328.417	295.252	270.769	260.864
78.0	318.178	311.612	278.114	253.296	242.946
78.5	303.154	295.030	261.643	235.935	224.917
79.0	288.130	278.781	244.393	218.574	207.333
79.5	272.327	262.311	227.699	201.212	190.195
80.0	257.748	245.951	210.895	184.296	173.501
80.5	242.946	229.480	194.424	167.603	157.253
81.0	228.033	213.454	178.287	152.579	140.671
81.5	213.788	197.317	161.816	136.664	125.201
82.0	199.098	181.069	145.679	119.414	109.509
82.5	184.185	165.043	129.653	103.834	94.819

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-840-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

83.0	169.050	148.906	115.296	89.143	80.129
83.5	154.248	133.325	99.716	75.455	65.995
84.0	139.780	118.524	84.914	61.877	52.640
84.5	125.424	103.611	71.003	48.745	39.508
85.0	111.290	88.698	57.537	36.392	27.823
85.5	96.934	74.676	44.739	26.042	19.476
86.0	83.134	61.321	33.832	18.252	14.690
86.5	70.001	47.966	24.929	13.355	10.573
87.0	57.426	36.837	17.584	10.461	9.014
87.5	46.074	27.823	12.353	8.569	8.013
88.0	35.835	20.255	9.237	8.458	7.123
88.5	26.598	13.244	8.792	8.903	6.232
89.0	19.364	8.013	5.676	8.347	5.342
89.5	12.910	4.897	4.229	7.011	3.673
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-L55-840-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-L55-840-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-L55-840-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-L55-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	747.76	N.A.	13.00
0-30	1581.35	N.A.	27.50
0-40	2580.3	N.A.	44.90
0-60	4544.58	N.A.	79.10
0-80	5662.02	N.A.	98.50
0-90	5748.99	N.A.	100.00
10-90	5554.92	N.A.	96.60
20-40	1832.54	N.A.	31.90
20-50	2864.01	N.A.	49.80
40-70	2677.69	N.A.	46.60
60-80	1117.44	N.A.	19.40
70-80	404.03	N.A.	7.00
80-90	86.97	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	5748.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	194.07
10-20	553.69
20-30	833.58
30-40	998.95
40-50	1031.47
50-60	932.81
60-70	713.41
70-80	404.03
80-90	86.97
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-L55-840-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	123	123	123	123	120	120	120	120	114	114	114	110	110	110	105	105	105	103
1	112	107	103	99	109	105	101	97	100	97	94	96	94	91	93	91	89	86
2	102	93	86	80	99	91	85	79	88	82	78	84	80	76	81	77	74	72
3	93	82	73	67	90	80	72	66	77	71	65	74	69	64	72	67	63	60
4	85	73	63	57	83	71	63	56	69	61	55	66	60	55	64	58	54	52
5	78	65	55	49	76	64	55	48	61	54	48	59	53	47	57	52	47	45
6	72	58	49	42	70	57	49	42	55	48	42	54	47	41	52	46	41	39
7	67	53	44	37	65	52	43	37	50	43	37	49	42	37	48	41	36	34
8	62	48	39	33	61	48	39	33	46	39	33	45	38	33	44	37	33	31
9	58	44	36	30	57	44	36	30	42	35	30	41	35	30	40	34	29	28
10	54	41	33	27	53	40	32	27	39	32	27	38	32	27	37	31	27	25

IES INDOOR REPORT
PHOTOMETRIC FILENAME : AP-14-L55-840-DIM-UNV_.IES

UGR TABLE - CORRECTED

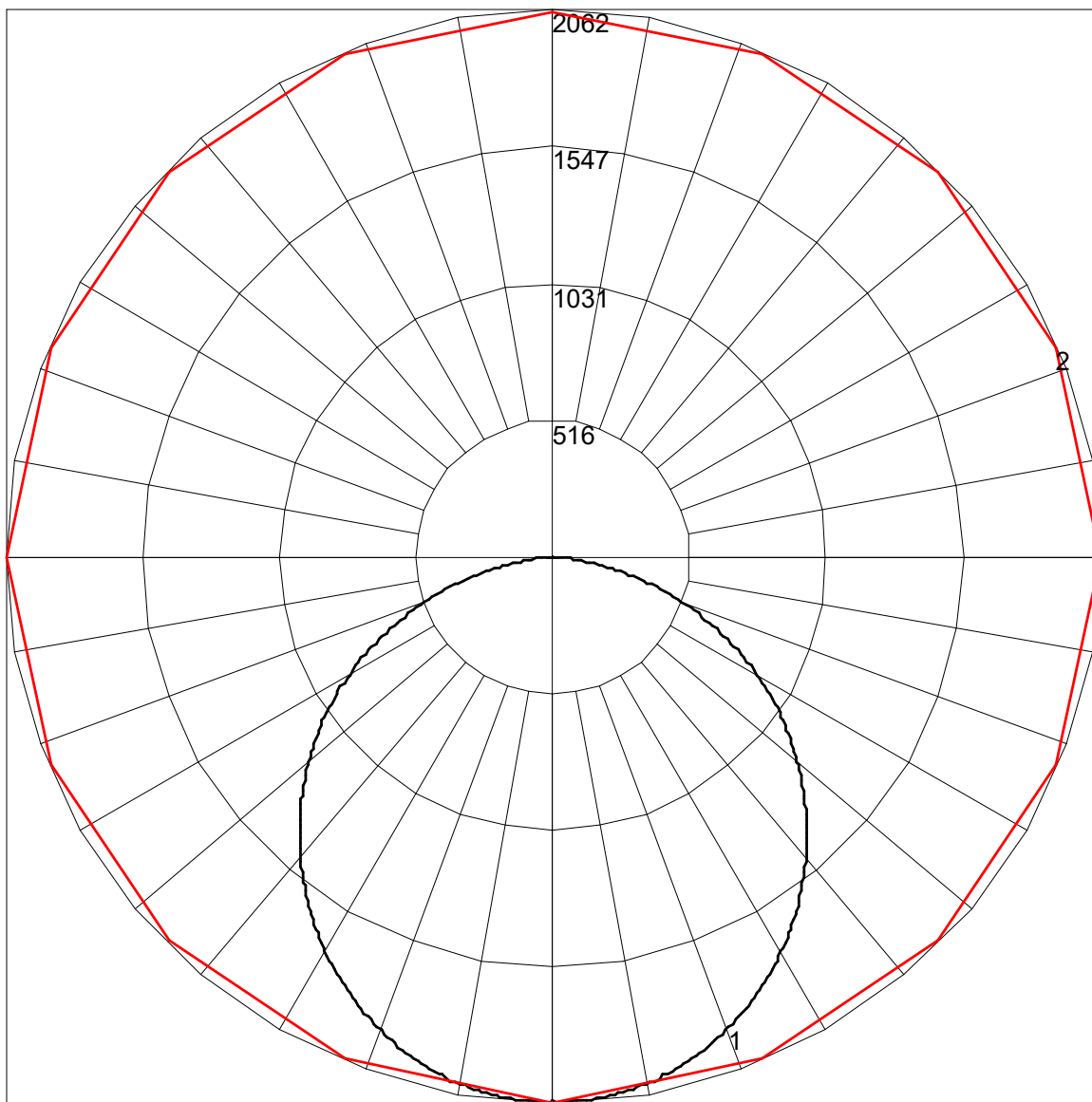
Reflectances

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					UGR Viewed Endwise				
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
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 = 2062.204 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.)