

IES INDOOR REPORT

PHOTOMETRIC FILENAME : APC-14-L55-840-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #15060098.02

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 29 Nov, 2023

[TEST DATE] 11/21/2023

[MANUFAC] H E Williams Inc

[LUMCAT] APC-14-L55-840-DIM-UNV

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

[MORE] fin media

[LAMP] 168 LEDs

[BALLAST] Advance/ Signify 49w Certadrive X C1049C102V048CDX1

[OTHER] 25.6 C, 120.019 V, 0.370958 A, 44.1298 W, 0.99119 PF, 59.9697

[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	5059
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	115
Total Luminaire Watts	44.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.20
Spacing Criterion (Diagonal)	1.32
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	5998	5452	5253
55	5812	5023	4718
65	5559	4432	3761
75	5171	2970	2352
85	4150	1167	928

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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	1960.435	1960.435	1960.435	1960.435	1960.435
0.5	1967.639	1962.494	1955.290	1961.464	1967.639
1.0	1969.697	1960.435	1954.261	1961.464	1968.668
1.5	1969.697	1961.464	1951.173	1958.377	1968.668
2.0	1965.581	1958.377	1953.232	1958.377	1966.610
2.5	1967.639	1956.319	1950.144	1958.377	1961.464
3.0	1966.610	1957.348	1950.144	1956.319	1961.464
3.5	1964.552	1956.319	1948.086	1956.319	1961.464
4.0	1964.552	1953.232	1947.057	1953.232	1957.348
4.5	1964.552	1953.232	1943.970	1950.144	1956.319
5.0	1961.464	1950.144	1942.941	1950.144	1955.290
5.5	1959.406	1949.115	1942.941	1950.144	1952.203
6.0	1959.406	1949.115	1937.795	1944.999	1949.115
6.5	1955.290	1944.999	1935.737	1943.970	1946.028
7.0	1949.115	1940.882	1933.679	1940.882	1946.028
7.5	1948.086	1937.795	1927.504	1935.737	1940.882
8.0	1947.057	1932.650	1924.417	1931.621	1936.766
8.5	1939.853	1931.621	1923.388	1928.533	1933.679
9.0	1938.824	1928.533	1919.271	1925.446	1931.621
9.5	1935.737	1923.388	1915.155	1921.330	1927.504
10.0	1928.533	1920.300	1913.097	1917.213	1920.300
10.5	1925.446	1916.184	1907.951	1911.039	1916.184
11.0	1924.417	1912.068	1902.806	1907.951	1913.097
11.5	1918.242	1905.893	1897.660	1902.806	1903.835
12.0	1913.097	1900.748	1892.515	1897.660	1901.777
12.5	1907.951	1896.631	1888.398	1892.515	1896.631
13.0	1899.718	1891.486	1883.253	1885.311	1889.427
13.5	1895.602	1887.369	1878.107	1879.136	1881.195
14.0	1893.544	1882.224	1870.904	1871.933	1873.991
14.5	1891.486	1879.136	1865.758	1863.700	1866.787
15.0	1884.282	1872.962	1858.554	1857.525	1860.613
15.5	1879.136	1866.787	1850.322	1849.293	1851.351
16.0	1872.962	1862.671	1844.147	1840.031	1843.118
16.5	1864.729	1855.467	1837.972	1830.769	1834.885
17.0	1858.554	1846.205	1831.798	1824.594	1827.681
17.5	1853.409	1839.002	1822.536	1815.332	1819.449
18.0	1848.263	1834.885	1813.274	1805.041	1809.158
18.5	1841.060	1826.652	1807.099	1796.808	1796.808
19.0	1833.856	1821.507	1798.867	1789.605	1788.576
19.5	1829.740	1815.332	1789.605	1779.314	1778.285
20.0	1819.449	1806.070	1780.343	1767.994	1766.965
20.5	1815.332	1798.867	1770.052	1758.732	1757.703
21.0	1805.041	1792.692	1762.848	1748.441	1747.412
21.5	1799.896	1782.401	1755.644	1738.150	1737.121
22.0	1791.663	1777.256	1746.383	1728.888	1727.859
22.5	1780.343	1763.877	1736.092	1718.597	1717.568
23.0	1773.139	1755.644	1725.801	1707.277	1709.335
23.5	1764.906	1749.470	1716.539	1698.015	1699.044
24.0	1757.703	1740.208	1705.219	1688.753	1683.608
24.5	1747.412	1733.004	1694.928	1678.462	1673.317
25.0	1741.237	1721.684	1684.637	1667.142	1663.026
25.5	1734.033	1714.481	1674.346	1655.822	1654.793
26.0	1725.801	1706.248	1663.026	1646.560	1644.502
26.5	1715.510	1694.928	1651.705	1633.182	1634.211

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27.0	1707.277	1684.637	1640.385	1623.920	1622.891
27.5	1693.899	1675.375	1631.123	1613.629	1611.571
28.0	1685.666	1666.113	1620.832	1600.250	1599.221
28.5	1678.462	1656.851	1609.512	1588.930	1586.872
29.0	1668.171	1645.531	1599.221	1578.639	1575.552
29.5	1655.822	1635.240	1586.872	1565.261	1563.203
30.0	1648.618	1624.949	1575.552	1552.912	1550.854
30.5	1636.269	1612.600	1564.232	1541.592	1537.475
31.0	1630.094	1600.250	1552.912	1529.243	1525.126
31.5	1618.774	1589.959	1539.534	1517.922	1512.777
32.0	1607.454	1578.639	1527.184	1505.573	1499.399
32.5	1600.250	1568.348	1514.835	1493.224	1488.079
33.0	1585.843	1558.057	1504.544	1478.817	1473.671
33.5	1576.581	1544.679	1492.195	1467.497	1460.293
34.0	1567.319	1533.359	1478.817	1454.118	1446.915
34.5	1553.941	1521.010	1467.497	1441.769	1433.536
35.0	1542.621	1510.719	1453.089	1427.362	1420.158
35.5	1534.388	1499.399	1442.798	1415.012	1408.838
36.0	1521.010	1484.991	1428.391	1401.634	1396.489
36.5	1508.661	1473.671	1415.012	1388.256	1381.052
37.0	1499.399	1461.322	1401.634	1374.878	1369.732
37.5	1487.049	1447.944	1388.256	1360.470	1356.354
38.0	1473.671	1434.565	1374.878	1346.063	1340.917
38.5	1461.322	1421.187	1361.499	1333.714	1328.568
39.0	1450.002	1409.867	1349.150	1319.306	1315.190
39.5	1436.624	1397.518	1337.830	1304.899	1300.782
40.0	1426.333	1386.198	1322.393	1291.520	1285.346
40.5	1411.925	1371.790	1307.986	1278.142	1269.909
41.0	1400.605	1357.383	1293.579	1263.735	1255.502
41.5	1388.256	1344.005	1281.229	1250.356	1242.124
42.0	1375.907	1330.626	1267.851	1233.891	1227.716
42.5	1363.557	1317.248	1252.415	1219.483	1213.309
43.0	1350.179	1302.841	1238.007	1205.076	1197.872
43.5	1338.859	1287.404	1223.600	1190.669	1182.436
44.0	1327.539	1274.026	1210.222	1177.290	1169.058
44.5	1313.132	1261.677	1194.785	1163.912	1154.650
45.0	1300.782	1247.269	1182.436	1149.505	1139.214
45.5	1288.433	1234.920	1168.028	1133.039	1121.719
46.0	1274.026	1219.483	1153.621	1116.573	1107.312
46.5	1260.647	1207.134	1140.243	1102.166	1093.933
47.0	1247.269	1192.727	1125.835	1087.759	1076.439
47.5	1233.891	1178.319	1109.370	1072.322	1062.031
48.0	1219.483	1162.883	1095.991	1057.915	1047.624
48.5	1207.134	1150.534	1080.555	1042.478	1030.129
49.0	1192.727	1136.126	1065.118	1026.630	1015.310
49.5	1179.349	1119.661	1049.682	1011.091	999.359
50.0	1164.941	1106.282	1035.275	995.963	984.746
50.5	1151.563	1090.846	1021.279	981.041	969.618
51.0	1136.126	1076.439	1006.460	965.707	953.152
51.5	1121.719	1062.031	990.920	951.300	938.333
52.0	1108.341	1046.595	976.307	935.452	923.617
52.5	1095.991	1031.158	961.076	920.015	908.181
53.0	1080.555	1016.442	944.714	904.785	892.230
53.5	1066.148	1001.314	929.895	888.628	875.455
54.0	1052.769	986.701	913.738	873.294	859.196
54.5	1036.304	972.191	898.404	857.343	844.891

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CANDELA TABULATION - (Cont.)

55.0	1022.411	956.240	883.585	842.318	829.969
55.5	1007.900	941.935	868.457	826.059	812.886
56.0	992.773	927.322	853.433	811.034	796.523
56.5	976.513	911.165	838.305	795.288	779.749
57.0	962.723	895.934	823.383	778.617	764.827
57.5	949.859	880.704	807.432	763.078	748.361
58.0	934.731	865.473	791.378	746.818	730.249
58.5	918.060	849.728	775.838	730.661	714.195
59.0	902.726	834.394	759.784	714.504	695.877
59.5	886.981	818.649	744.451	698.450	678.383
60.0	872.471	803.110	728.500	681.058	661.608
60.5	857.858	787.879	713.578	664.696	644.114
61.0	841.701	772.031	697.524	646.686	626.104
61.5	826.470	756.286	682.293	628.780	609.124
62.0	811.137	740.437	667.165	611.800	593.070
62.5	794.980	725.721	651.112	595.746	574.238
63.0	780.161	709.976	635.366	578.766	556.949
63.5	765.239	694.437	619.107	563.123	540.998
64.0	750.420	678.383	603.876	545.629	523.503
64.5	735.704	662.226	589.057	527.208	505.803
65.0	720.576	646.686	574.444	509.507	487.485
65.5	704.110	631.456	559.727	491.807	468.652
66.0	687.953	616.431	542.953	474.003	450.025
66.5	672.928	601.200	526.179	456.612	431.810
67.0	657.595	586.587	509.302	438.499	414.213
67.5	642.879	572.282	491.910	421.108	395.998
68.0	625.899	556.434	475.135	403.407	378.503
68.5	610.153	541.204	459.905	385.398	360.082
69.0	595.334	525.458	443.028	367.697	341.558
69.5	581.236	510.228	424.298	349.688	323.343
70.0	567.137	494.894	406.392	331.988	304.819
70.5	552.832	479.355	389.823	314.493	289.795
71.0	535.647	464.536	372.946	295.969	277.445
71.5	519.695	448.585	355.554	277.754	265.611
72.0	505.288	432.428	338.368	263.861	253.982
72.5	489.131	417.300	320.770	252.541	242.353
73.0	472.871	401.040	303.893	240.706	231.342
73.5	457.332	385.604	287.325	229.386	220.022
74.0	441.484	370.785	270.653	217.860	208.496
74.5	425.842	354.937	253.159	206.335	197.278
75.0	410.508	339.603	235.767	195.014	186.679
75.5	395.483	325.504	218.684	183.694	175.770
76.0	380.561	310.274	203.865	173.095	164.862
76.5	364.713	294.425	192.133	162.495	154.674
77.0	349.379	277.960	180.607	152.204	144.383
77.5	334.560	262.009	169.184	141.913	134.606
78.0	319.124	245.955	158.276	131.519	124.521
78.5	304.305	230.621	147.161	121.125	114.230
79.0	289.074	213.332	136.459	111.143	104.145
79.5	273.741	196.764	126.065	101.469	94.163
80.0	258.922	180.916	115.877	91.899	84.592
80.5	244.000	165.171	105.997	82.328	75.536
81.0	229.386	149.631	95.912	73.169	66.789
81.5	214.979	133.886	86.444	64.422	58.967
82.0	199.748	118.244	76.977	57.527	52.896
82.5	184.723	104.145	67.406	50.014	47.750

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CANDELA TABULATION - (Cont.)

83.0	170.316	92.413	58.041	44.560	42.708
83.5	155.497	81.608	49.397	39.415	37.048
84.0	140.678	71.420	42.193	33.857	32.211
84.5	125.962	61.849	36.636	29.124	28.300
85.0	110.937	52.896	31.182	25.419	24.801
85.5	96.632	43.737	25.727	22.023	21.508
86.0	82.431	34.989	21.405	18.730	18.318
86.5	68.229	26.962	17.906	15.436	14.922
87.0	54.748	21.920	14.510	12.349	11.938
87.5	40.958	15.642	11.320	9.262	8.953
88.0	27.786	11.217	8.233	6.586	6.380
88.5	17.803	8.027	6.175	5.454	4.940
89.0	10.394	5.145	6.175	5.763	4.219
89.5	5.043	2.984	5.866	4.013	3.396
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 : APC-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
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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 : APC-14-L55-840-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	710.62	N.A.	14.00
0-30	1491.06	N.A.	29.50
0-40	2409.23	N.A.	47.60
0-60	4139.53	N.A.	81.80
0-80	5001.51	N.A.	98.90
0-90	5058.86	N.A.	100.00
10-90	4873.69	N.A.	96.30
20-40	1698.61	N.A.	33.60
20-50	2623.22	N.A.	51.90
40-70	2306.43	N.A.	45.60
60-80	861.97	N.A.	17.00
70-80	285.85	N.A.	5.70
80-90	57.35	N.A.	1.10
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	5058.86	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	185.17
10-20	525.45
20-30	780.44
30-40	918.17
40-50	924.61
50-60	805.70
60-70	576.13
70-80	285.85
80-90	57.35
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 : APC-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	113	108	104	100	110	106	102	98	101	98	95	97	95	92	94	92	90	88
2	103	95	88	82	100	93	86	81	89	84	79	86	81	77	83	79	76	74
3	94	83	75	69	91	82	74	68	79	72	67	76	70	66	73	69	65	62
4	86	74	65	59	84	73	64	58	70	63	57	68	62	57	66	60	56	54
5	79	66	57	51	77	65	57	50	63	56	50	61	54	49	59	53	49	47
6	73	60	51	44	71	59	50	44	57	49	44	55	49	43	54	48	43	41
7	68	54	45	39	66	53	45	39	52	44	39	50	44	39	49	43	38	36
8	63	50	41	35	62	49	41	35	48	40	35	46	39	35	45	39	34	32
9	59	46	37	32	58	45	37	32	44	36	31	43	36	31	42	36	31	29
10	56	42	34	29	54	42	34	29	41	33	29	40	33	28	39	33	28	26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : APC-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

X=2H	Y=2H	18.2	19.8	18.5	20.1	20.4	UGR Viewed Endwise			
	3H	20.1	21.6	20.5	21.9	22.2	17.0	18.6	17.4	19.0
	4H	20.9	22.2	21.3	22.6	22.9	18.3	19.7	18.6	20.0
	6H	21.4	22.7	21.9	23.1	23.5	18.6	19.9	19.0	20.3
	8H	21.6	22.8	22.0	23.2	23.6	18.7	20.0	19.1	20.4
	12H	21.8	22.9	22.2	23.3	23.7	18.7	19.9	19.2	20.3

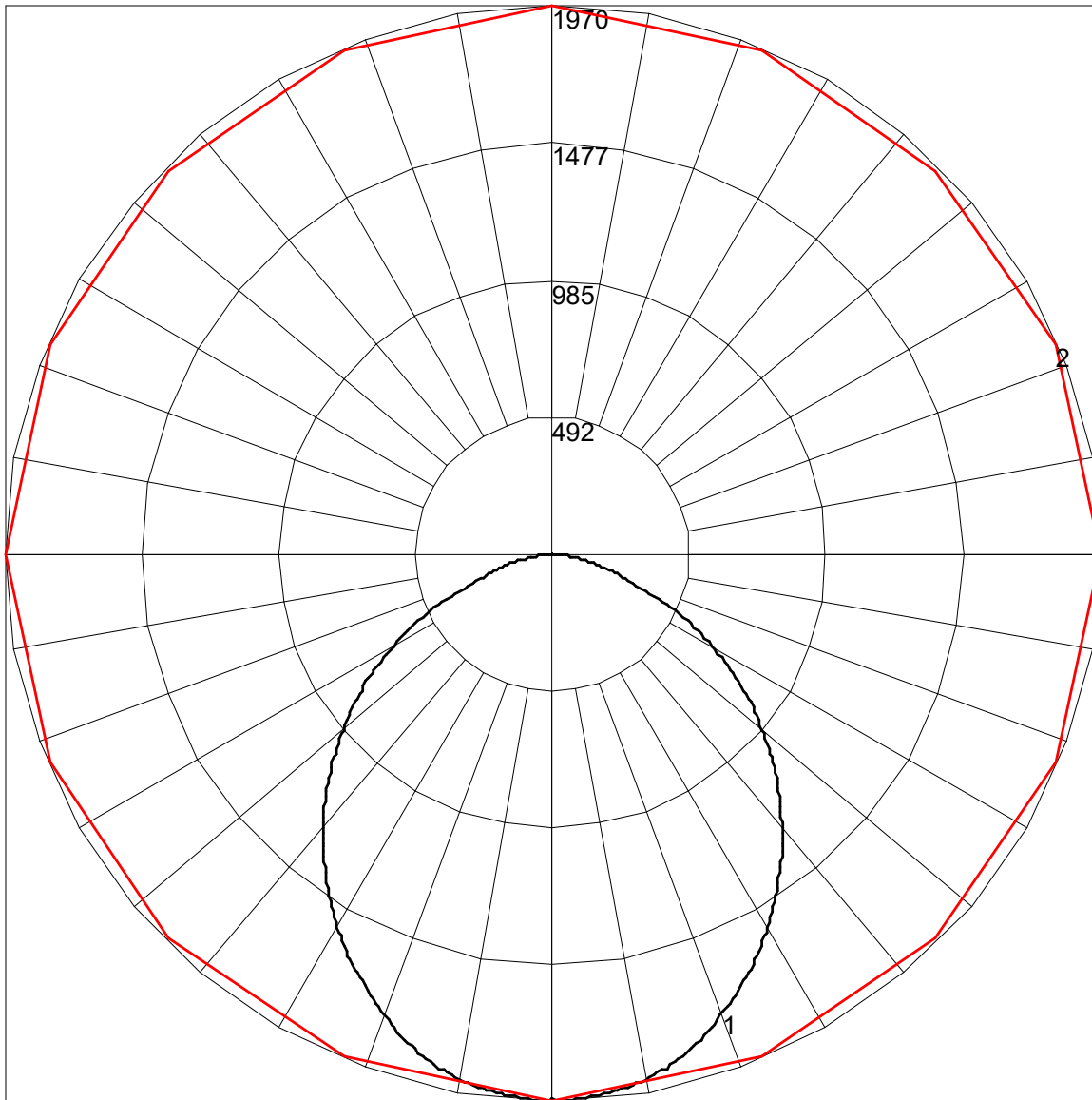
4H	2H	18.6	20.0	19.0	20.3	20.7	17.7	19.1	18.1	19.4
	3H	20.7	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6
	4H	21.6	22.6	22.0	23.0	23.5	19.5	20.5	19.9	20.9
	6H	22.3	23.2	22.8	23.6	24.1	19.7	20.6	20.2	21.0
	8H	22.5	23.4	23.0	23.8	24.3	19.7	20.6	20.2	21.0
	12H	22.7	23.5	23.2	23.9	24.4	19.7	20.5	20.2	21.0

8H	4H	21.7	22.5	22.2	23.0	23.4	19.8	20.6	20.2	21.0
	6H	22.5	23.2	23.0	23.7	24.1	20.0	20.7	20.5	21.2
	8H	22.7	23.4	23.2	23.9	24.3	20.1	20.7	20.6	21.2
	12H	23.0	23.5	23.5	24.0	24.6	20.1	20.6	20.6	21.1

12H	4H	21.7	22.4	22.2	22.9	23.4	19.8	20.5	20.3	21.0
	6H	22.5	23.1	23.0	23.5	24.1	20.1	20.7	20.6	21.2
	8H	22.8	23.3	23.3	23.8	24.4	20.2	20.7	20.7	21.2

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 1969.697 Located At Horizontal Angle = 0, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (90 - 270)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)