

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : APC-14-L55-835-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-L55-835-DIM-UNV

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

[MORE] er 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	4912
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	111
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	5824	5294	5101
55	5644	4877	4581
65	5398	4303	3652
75	5022	2884	2284
85	4030	1133	901

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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	1903.667	1903.667	1903.667	1903.667	1903.667
0.5	1910.662	1905.665	1898.670	1904.666	1910.662
1.0	1912.660	1903.667	1897.671	1904.666	1911.661
1.5	1912.660	1904.666	1894.673	1901.668	1911.661
2.0	1908.663	1901.668	1896.671	1901.668	1909.662
2.5	1910.662	1899.669	1893.674	1901.668	1904.666
3.0	1909.662	1900.669	1893.674	1899.669	1904.666
3.5	1907.664	1899.669	1891.675	1899.669	1904.666
4.0	1907.664	1896.671	1890.676	1896.671	1900.669
4.5	1907.664	1896.671	1887.678	1893.674	1899.669
5.0	1904.666	1893.674	1886.678	1893.674	1898.670
5.5	1902.667	1892.674	1886.678	1893.674	1895.672
6.0	1902.667	1892.674	1881.682	1888.677	1892.674
6.5	1898.670	1888.677	1879.683	1887.678	1889.676
7.0	1892.674	1884.680	1877.685	1884.680	1889.676
7.5	1891.675	1881.682	1871.689	1879.683	1884.680
8.0	1890.676	1876.685	1868.691	1875.686	1880.683
8.5	1883.681	1875.686	1867.692	1872.688	1877.685
9.0	1882.681	1872.688	1863.695	1869.690	1875.686
9.5	1879.683	1867.692	1859.697	1865.693	1871.689
10.0	1872.688	1864.694	1857.699	1861.696	1864.694
10.5	1869.690	1860.697	1852.702	1855.700	1860.697
11.0	1868.691	1856.699	1847.706	1852.702	1857.699
11.5	1862.695	1850.704	1842.709	1847.706	1848.705
12.0	1857.699	1845.707	1837.713	1842.709	1846.706
12.5	1852.702	1841.710	1833.716	1837.713	1841.710
13.0	1844.708	1836.713	1828.719	1830.718	1834.715
13.5	1840.711	1832.716	1823.723	1824.722	1826.720
14.0	1838.712	1827.720	1816.727	1817.727	1819.725
14.5	1836.713	1824.722	1811.731	1809.732	1812.730
15.0	1829.718	1818.726	1804.736	1803.737	1806.734
15.5	1824.722	1812.730	1796.741	1795.742	1797.741
16.0	1818.726	1808.733	1790.746	1786.748	1789.746
16.5	1810.732	1801.738	1784.750	1777.755	1781.752
17.0	1804.736	1792.744	1778.754	1771.759	1774.757
17.5	1799.739	1785.749	1769.760	1762.765	1766.762
18.0	1794.743	1781.752	1760.767	1752.772	1756.769
18.5	1787.748	1773.758	1754.771	1744.778	1744.778
19.0	1780.753	1768.761	1746.776	1737.783	1736.783
19.5	1776.755	1762.765	1737.783	1727.790	1726.790
20.0	1766.762	1753.772	1728.789	1716.797	1715.798
20.5	1762.765	1746.776	1718.796	1707.804	1706.804
21.0	1752.772	1740.781	1711.801	1697.811	1696.811
21.5	1747.776	1730.788	1704.806	1687.818	1686.818
22.0	1739.781	1725.791	1695.812	1678.824	1677.825
22.5	1728.789	1712.800	1685.819	1668.831	1667.832
23.0	1721.794	1704.806	1675.826	1657.839	1659.837
23.5	1713.800	1698.810	1666.832	1648.845	1649.844
24.0	1706.804	1689.816	1655.840	1639.851	1634.855
24.5	1696.811	1682.821	1645.847	1629.858	1624.862
25.0	1690.816	1671.829	1635.854	1618.866	1614.869
25.5	1683.821	1664.834	1625.861	1607.874	1606.874
26.0	1675.826	1656.839	1614.869	1598.880	1596.881
26.5	1665.833	1645.847	1603.877	1585.889	1586.888

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**CANDELA TABULATION - (Cont.)**

27.0	1657.839	1635.854	1592.884	1576.895	1575.896
27.5	1644.848	1626.860	1583.891	1566.902	1564.904
28.0	1636.853	1617.867	1573.898	1553.912	1552.912
28.5	1629.858	1608.873	1562.905	1542.919	1540.921
29.0	1619.865	1597.881	1552.912	1532.926	1529.928
29.5	1607.874	1587.888	1540.921	1519.935	1517.937
30.0	1600.879	1577.895	1529.928	1507.944	1505.945
30.5	1588.887	1565.903	1518.936	1496.951	1492.954
31.0	1582.891	1553.912	1507.944	1484.960	1480.963
31.5	1571.899	1543.919	1494.953	1473.968	1468.971
32.0	1560.907	1532.926	1482.961	1461.976	1455.980
32.5	1553.912	1522.933	1470.970	1449.984	1444.988
33.0	1539.921	1512.940	1460.977	1435.994	1430.998
33.5	1530.928	1499.949	1448.985	1425.002	1418.007
34.0	1521.934	1488.957	1435.994	1412.011	1405.016
34.5	1508.943	1476.965	1425.002	1400.019	1392.025
35.0	1497.951	1466.972	1411.012	1386.029	1379.034
35.5	1489.956	1455.980	1401.019	1374.038	1368.042
36.0	1476.965	1441.990	1387.028	1361.047	1356.050
36.5	1464.974	1430.998	1374.038	1348.056	1341.061
37.0	1455.980	1419.006	1361.047	1335.065	1330.068
37.5	1443.989	1406.015	1348.056	1321.075	1317.077
38.0	1430.998	1393.024	1335.065	1307.084	1302.088
38.5	1419.006	1380.033	1322.074	1295.093	1290.096
39.0	1408.014	1369.041	1310.082	1281.103	1277.105
39.5	1395.023	1357.049	1299.090	1267.112	1263.115
40.0	1385.030	1346.057	1284.101	1254.122	1248.126
40.5	1371.040	1332.067	1270.110	1241.131	1233.136
41.0	1360.047	1318.077	1256.120	1227.140	1219.146
41.5	1348.056	1305.086	1244.129	1214.150	1206.155
42.0	1336.064	1292.095	1231.138	1198.161	1192.165
42.5	1324.073	1279.104	1216.148	1184.171	1178.175
43.0	1311.082	1265.114	1202.158	1170.180	1163.185
43.5	1300.089	1250.124	1188.168	1156.190	1148.196
44.0	1289.097	1237.133	1175.177	1143.199	1135.205
44.5	1275.107	1225.142	1160.187	1130.208	1121.215
45.0	1263.115	1211.152	1148.196	1116.218	1106.225
45.5	1251.124	1199.160	1134.206	1100.229	1089.237
46.0	1237.133	1184.171	1120.215	1084.241	1075.247
46.5	1224.143	1172.179	1107.224	1070.250	1062.256
47.0	1211.152	1158.189	1093.234	1056.260	1045.268
47.5	1198.161	1144.199	1077.245	1041.271	1031.278
48.0	1184.171	1129.209	1064.255	1027.280	1017.287
48.5	1172.179	1117.217	1049.265	1012.291	1000.299
49.0	1158.189	1103.227	1034.276	996.902	985.909
49.5	1145.198	1087.238	1019.286	981.812	970.420
50.0	1131.208	1074.248	1005.296	967.123	956.230
50.5	1118.217	1059.258	991.705	952.633	941.540
51.0	1103.227	1045.268	977.315	937.743	925.552
51.5	1089.237	1031.278	962.226	923.753	911.162
52.0	1076.246	1016.288	948.036	908.364	896.872
52.5	1064.255	1001.299	933.246	893.374	881.882
53.0	1049.265	987.009	917.357	878.585	866.393
53.5	1035.275	972.319	902.967	862.896	850.105
54.0	1022.284	958.129	887.278	848.006	834.316
54.5	1006.295	944.039	872.389	832.517	820.425

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**CANDELA TABULATION - (Cont.)**

55.0	992.805	928.550	857.999	817.927	805.935
55.5	978.714	914.659	843.309	802.138	789.347
56.0	964.025	900.469	828.719	787.548	773.458
56.5	948.236	884.780	814.030	772.259	757.170
57.0	934.845	869.991	799.540	756.070	742.680
57.5	922.354	855.201	784.051	740.981	726.691
58.0	907.664	840.411	768.462	725.192	709.103
58.5	891.476	825.122	753.372	709.503	693.514
59.0	876.586	810.232	737.783	693.814	675.727
59.5	861.297	794.943	722.894	678.225	658.739
60.0	847.207	779.854	707.404	661.337	642.450
60.5	833.016	765.064	692.915	645.448	625.462
61.0	817.327	749.675	677.326	627.960	607.974
61.5	802.538	734.386	662.536	610.572	591.486
62.0	787.648	718.996	647.846	594.084	575.897
62.5	771.959	704.706	632.257	578.495	557.609
63.0	757.569	689.417	616.968	562.006	540.821
63.5	743.079	674.328	601.179	546.817	525.332
64.0	728.690	658.739	586.389	529.829	508.344
64.5	714.400	643.050	571.999	511.941	491.156
65.0	699.710	627.960	557.809	494.753	473.368
65.5	683.721	613.170	543.519	477.565	455.081
66.0	668.032	598.581	527.231	460.278	436.994
66.5	653.442	583.791	510.942	443.389	419.306
67.0	638.553	569.601	494.554	425.802	402.218
67.5	624.263	555.711	477.665	408.914	384.531
68.0	607.774	540.322	461.377	391.726	367.543
68.5	592.485	525.532	446.587	374.238	349.655
69.0	578.095	510.243	430.199	357.050	331.668
69.5	564.405	495.453	412.011	339.562	313.980
70.0	550.714	480.563	394.624	322.374	295.993
70.5	536.824	465.474	378.535	305.386	281.403
71.0	520.136	451.084	362.146	287.399	269.411
71.5	504.647	435.595	345.258	269.711	257.919
72.0	490.656	419.906	328.570	256.221	246.627
72.5	474.967	405.216	311.482	245.228	235.335
73.0	459.178	389.427	295.093	233.736	224.643
73.5	444.089	374.438	279.005	222.744	213.650
74.0	428.700	360.048	262.816	211.552	202.458
74.5	413.510	344.659	245.828	200.360	191.566
75.0	398.621	329.769	228.940	189.367	181.273
75.5	384.031	316.079	212.351	178.375	170.680
76.0	369.541	301.289	197.961	168.082	160.088
76.5	354.152	285.900	186.569	157.789	150.195
77.0	339.262	269.911	175.377	147.796	140.202
77.5	324.872	254.422	164.285	137.803	130.708
78.0	309.883	238.833	153.692	127.711	120.915
78.5	295.493	223.943	142.900	117.618	110.922
79.0	280.703	207.155	132.507	107.924	101.129
79.5	265.814	191.066	122.414	98.531	91.436
80.0	251.424	175.677	112.521	89.237	82.142
80.5	236.934	160.388	102.928	79.944	73.349
81.0	222.744	145.298	93.135	71.050	64.855
81.5	208.754	130.009	83.941	62.556	57.260
82.0	193.964	114.820	74.748	55.861	51.364
82.5	179.374	101.129	65.454	48.566	46.368

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**CANDELA TABULATION - (Cont.)**

83.0	165.384	89.737	56.361	43.270	41.471
83.5	150.994	79.244	47.966	38.273	35.975
84.0	136.604	69.351	40.971	32.877	31.278
84.5	122.314	60.058	35.575	28.280	27.481
85.0	107.725	51.364	30.279	24.683	24.083
85.5	93.834	42.470	24.983	21.385	20.885
86.0	80.044	33.976	20.785	18.187	17.788
86.5	66.254	26.182	17.388	14.990	14.490
87.0	53.163	21.285	14.090	11.992	11.592
87.5	39.772	15.189	10.992	8.994	8.694
88.0	26.981	10.892	7.994	6.396	6.196
88.5	17.288	7.795	5.996	5.296	4.797
89.0	10.093	4.997	5.996	5.596	4.097
89.5	4.897	2.898	5.696	3.897	3.298
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-L55-835-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 : APC-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 : APC-14-L55-835-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	690.04	N.A.	14.00
0-30	1447.88	N.A.	29.50
0-40	2339.46	N.A.	47.60
0-60	4019.66	N.A.	81.80
0-80	4856.68	N.A.	98.90
0-90	4912.37	N.A.	100.00
10-90	4732.56	N.A.	96.30
20-40	1649.42	N.A.	33.60
20-50	2547.26	N.A.	51.90
40-70	2239.64	N.A.	45.60
60-80	837.01	N.A.	17.00
70-80	277.57	N.A.	5.70
80-90	55.69	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	4912.37	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	179.81
10-20	510.23
20-30	757.84
30-40	891.58
40-50	897.83
50-60	782.37
60-70	559.44
70-80	277.57
80-90	55.69
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-L55-835-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	102	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	55	48	42	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	61	48	40	34	60	47	39	34	46	39	34	45	38	34	44	38	33	31
9	57	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : APC-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	18.2	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	22.1	23.2	23.6	18.7	20.0	19.1	20.4
	12H	21.8	22.9	22.2	23.3	23.7	18.8	19.9	19.2	20.3

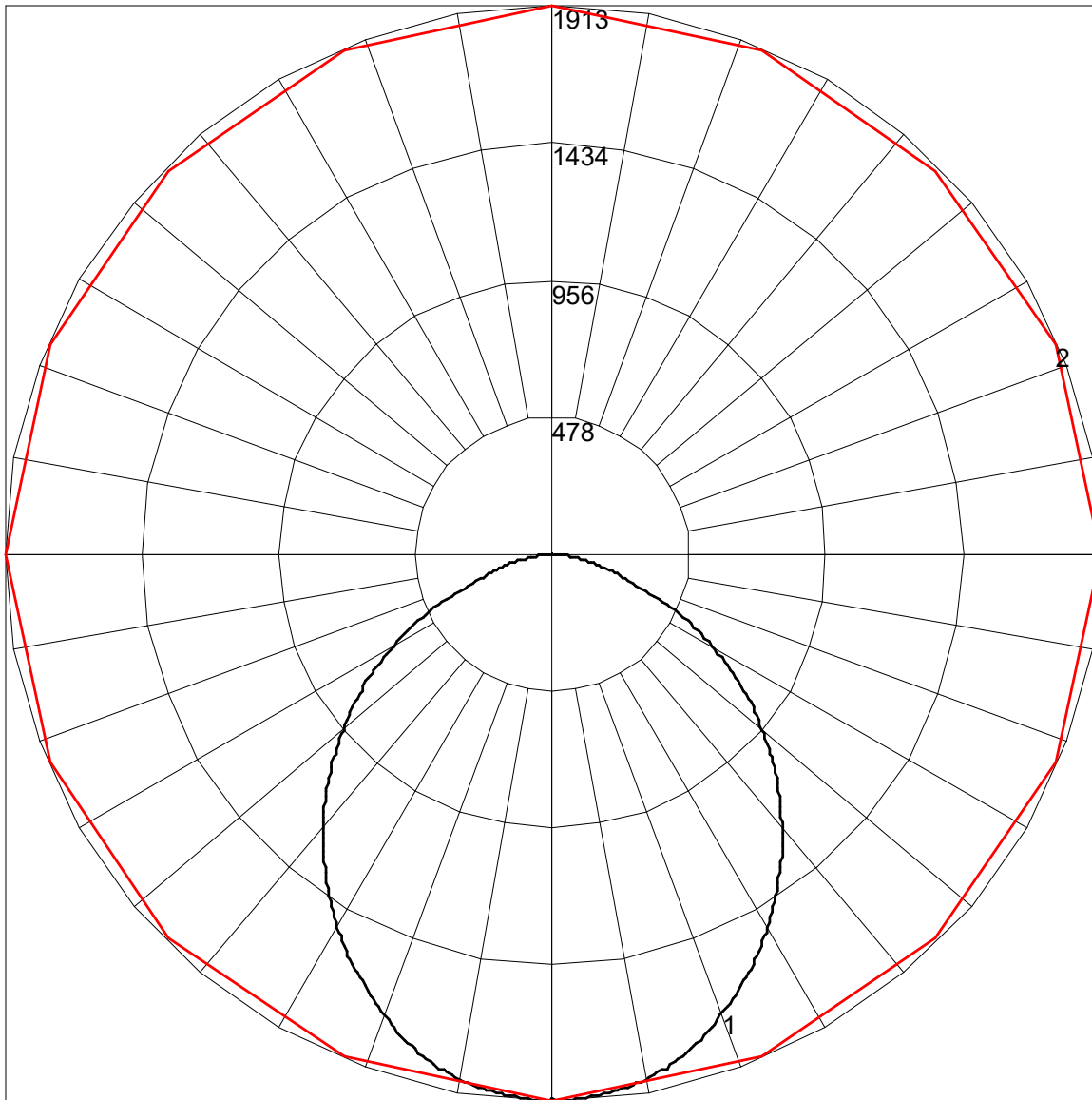
4H	2H	18.6	20.0	19.0	20.3	20.7	17.7	19.1	18.1	19.4
	3H	20.7	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6
	4H	21.6	22.6	22.0	23.0	23.5	19.5	20.5	19.9	20.9
	6H	22.3	23.2	22.8	23.6	24.1	19.7	20.6	20.2	21.0
	8H	22.5	23.4	23.0	23.8	24.3	19.7	20.6	20.2	21.0
	12H	22.7	23.5	23.2	23.9	24.4	19.7	20.5	20.2	21.0

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	24.4	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 = 1912.66 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.)