

IES INDOOR REPORT

PHOTOMETRIC FILENAME : APC-14-L55-830-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-L55-830-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	4863
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	110
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	5766	5241	5050
55	5587	4828	4535
65	5344	4260	3615
75	4971	2855	2261
85	3990	1121	892

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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	1884.617	1884.617	1884.617	1884.617	1884.617
0.5	1891.542	1886.595	1879.670	1885.606	1891.542
1.0	1893.520	1884.617	1878.681	1885.606	1892.531
1.5	1893.520	1885.606	1875.713	1882.638	1892.531
2.0	1889.563	1882.638	1877.691	1882.638	1890.552
2.5	1891.542	1880.659	1874.724	1882.638	1885.606
3.0	1890.552	1881.649	1874.724	1880.659	1885.606
3.5	1888.574	1880.659	1872.745	1880.659	1885.606
4.0	1888.574	1877.691	1871.756	1877.691	1881.649
4.5	1888.574	1877.691	1868.788	1874.724	1880.659
5.0	1885.606	1874.724	1867.798	1874.724	1879.670
5.5	1883.627	1873.734	1867.798	1874.724	1876.702
6.0	1883.627	1873.734	1862.852	1869.777	1873.734
6.5	1879.670	1869.777	1860.873	1868.788	1870.766
7.0	1873.734	1865.820	1858.895	1865.820	1870.766
7.5	1872.745	1862.852	1852.959	1860.873	1865.820
8.0	1871.756	1857.905	1849.991	1856.916	1861.863
8.5	1864.831	1856.916	1849.002	1853.948	1858.895
9.0	1863.841	1853.948	1845.045	1850.980	1856.916
9.5	1860.873	1849.002	1841.087	1847.023	1852.959
10.0	1853.948	1846.034	1839.109	1843.066	1846.034
10.5	1850.980	1842.077	1834.162	1837.130	1842.077
11.0	1849.991	1838.119	1829.216	1834.162	1839.109
11.5	1844.055	1832.184	1824.269	1829.216	1830.205
12.0	1839.109	1827.237	1819.323	1824.269	1828.226
12.5	1834.162	1823.280	1815.366	1819.323	1823.280
13.0	1826.248	1818.333	1810.419	1812.398	1816.355
13.5	1822.291	1814.376	1805.473	1806.462	1808.440
14.0	1820.312	1809.430	1798.547	1799.537	1801.515
14.5	1818.333	1806.462	1793.601	1791.622	1794.590
15.0	1811.408	1800.526	1786.676	1785.687	1788.654
15.5	1806.462	1794.590	1778.761	1777.772	1779.751
16.0	1800.526	1790.633	1772.826	1768.868	1771.836
16.5	1792.612	1783.708	1766.890	1759.965	1763.922
17.0	1786.676	1774.804	1760.954	1754.029	1756.997
17.5	1781.729	1767.879	1752.050	1745.125	1749.082
18.0	1776.783	1763.922	1743.147	1735.232	1739.189
18.5	1769.858	1756.008	1737.211	1727.318	1727.318
19.0	1762.933	1751.061	1729.296	1720.393	1719.403
19.5	1758.975	1745.125	1720.393	1710.500	1709.510
20.0	1749.082	1736.222	1711.489	1699.617	1698.628
20.5	1745.125	1729.296	1701.596	1690.714	1689.724
21.0	1735.232	1723.361	1694.671	1680.821	1679.831
21.5	1730.286	1713.468	1687.746	1670.928	1669.938
22.0	1722.371	1708.521	1678.842	1662.024	1661.035
22.5	1711.489	1695.660	1668.949	1652.131	1651.142
23.0	1704.564	1687.746	1659.056	1641.249	1643.227
23.5	1696.650	1681.810	1650.152	1632.345	1633.334
24.0	1689.724	1672.906	1639.270	1623.441	1618.495
24.5	1679.831	1665.981	1629.377	1613.548	1608.602
25.0	1673.896	1655.099	1619.484	1602.666	1598.709
25.5	1666.971	1648.174	1609.591	1591.784	1590.794
26.0	1659.056	1640.259	1598.709	1582.880	1580.901
26.5	1649.163	1629.377	1587.827	1570.019	1571.008

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CANDELA TABULATION - (Cont.)

27.0	1641.249	1619.484	1576.944	1561.115	1560.126
27.5	1628.388	1610.580	1568.041	1551.222	1549.244
28.0	1620.473	1601.677	1558.148	1538.362	1537.372
28.5	1613.548	1592.773	1547.265	1527.479	1525.501
29.0	1603.655	1581.891	1537.372	1517.586	1514.618
29.5	1591.784	1571.998	1525.501	1504.725	1502.747
30.0	1584.859	1562.105	1514.618	1492.854	1490.875
30.5	1572.987	1550.233	1503.736	1481.971	1478.014
31.0	1567.051	1538.362	1492.854	1470.100	1466.143
31.5	1556.169	1528.469	1479.993	1459.218	1454.271
32.0	1545.287	1517.586	1468.121	1447.346	1441.410
32.5	1538.362	1507.693	1456.250	1435.474	1430.528
33.0	1524.511	1497.800	1446.357	1421.624	1416.678
33.5	1515.608	1484.939	1434.485	1410.742	1403.817
34.0	1506.704	1474.057	1421.624	1397.881	1390.956
34.5	1493.843	1462.185	1410.742	1386.009	1378.095
35.0	1482.961	1452.292	1396.892	1372.159	1365.234
35.5	1475.046	1441.410	1386.999	1360.288	1354.352
36.0	1462.185	1427.560	1373.148	1347.427	1342.480
36.5	1450.314	1416.678	1360.288	1334.566	1327.641
37.0	1441.410	1404.806	1347.427	1321.705	1316.758
37.5	1429.539	1391.945	1334.566	1307.855	1303.897
38.0	1416.678	1379.084	1321.705	1294.004	1289.058
38.5	1404.806	1366.223	1308.844	1282.133	1277.186
39.0	1393.924	1355.341	1296.972	1268.283	1264.325
39.5	1381.063	1343.469	1286.090	1254.432	1250.475
40.0	1371.170	1332.587	1271.251	1241.572	1235.636
40.5	1357.320	1318.737	1257.400	1228.711	1220.796
41.0	1346.437	1304.887	1243.550	1214.860	1206.946
41.5	1334.566	1292.026	1231.679	1202.000	1194.085
42.0	1322.694	1279.165	1218.818	1186.171	1180.235
42.5	1310.823	1266.304	1203.978	1172.321	1166.385
43.0	1297.962	1252.454	1190.128	1158.470	1151.545
43.5	1287.079	1237.614	1176.278	1144.620	1136.706
44.0	1276.197	1224.753	1163.417	1131.759	1123.845
44.5	1262.347	1212.882	1148.577	1118.898	1109.995
45.0	1250.475	1199.032	1136.706	1105.048	1095.155
45.5	1238.604	1187.160	1122.856	1089.219	1078.337
46.0	1224.753	1172.321	1109.005	1073.391	1064.487
46.5	1211.893	1160.449	1096.144	1059.540	1051.626
47.0	1199.032	1146.599	1082.294	1045.690	1034.808
47.5	1186.171	1132.749	1066.465	1030.851	1020.958
48.0	1172.321	1117.909	1053.605	1017.000	1007.107
48.5	1160.449	1106.037	1038.765	1002.161	990.289
49.0	1146.599	1092.187	1023.926	986.926	976.043
49.5	1133.738	1076.358	1009.086	971.987	960.709
50.0	1119.888	1063.498	995.236	957.445	946.661
50.5	1107.027	1048.658	981.781	943.100	932.118
51.0	1092.187	1034.808	967.535	928.359	916.290
51.5	1078.337	1020.958	952.597	914.509	902.044
52.0	1065.476	1006.118	938.549	899.274	887.897
52.5	1053.605	991.279	923.907	884.434	873.057
53.0	1038.765	977.132	908.177	869.793	857.723
53.5	1024.915	962.589	893.931	854.261	841.598
54.0	1012.054	948.541	878.399	839.520	825.967
54.5	996.225	934.592	863.659	824.186	812.215

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CANDELA TABULATION - (Cont.)

55.0	982.870	919.258	849.413	809.742	797.870
55.5	968.920	905.506	834.870	794.111	781.448
56.0	954.378	891.458	820.427	779.667	765.718
56.5	938.747	875.926	805.884	764.531	749.593
57.0	925.490	861.285	791.539	748.504	735.248
57.5	913.124	846.643	776.205	733.566	719.419
58.0	898.581	832.001	760.772	717.935	702.007
58.5	882.555	816.865	745.833	702.403	686.574
59.0	867.814	802.124	730.400	686.871	668.965
59.5	852.678	786.988	715.660	671.438	652.147
60.0	838.729	772.050	700.325	654.719	636.021
60.5	824.680	757.408	685.981	638.989	619.203
61.0	809.148	742.173	670.548	621.676	601.890
61.5	794.507	727.037	655.906	604.462	585.567
62.0	779.766	711.801	641.363	588.139	570.134
62.5	764.234	697.654	625.930	572.706	552.029
63.0	749.988	682.518	610.794	556.382	535.409
63.5	735.643	667.580	595.163	541.345	520.075
64.0	721.398	652.147	580.521	524.527	503.257
64.5	707.251	636.615	566.275	506.818	486.241
65.0	692.708	621.676	552.227	489.802	468.631
65.5	676.879	607.034	538.080	472.786	450.527
66.0	661.347	592.591	521.955	455.672	432.621
66.5	646.903	577.949	505.829	438.952	415.110
67.0	632.163	563.901	489.605	421.541	398.193
67.5	618.016	550.150	472.885	404.822	380.683
68.0	601.692	534.915	456.760	387.806	363.865
68.5	586.556	520.273	442.118	370.493	346.156
69.0	572.310	505.137	425.894	353.477	328.349
69.5	558.757	490.495	407.888	336.164	310.838
70.0	545.203	475.754	390.675	319.148	293.031
70.5	531.452	460.816	374.747	302.330	278.587
71.0	514.931	446.570	358.522	284.523	266.715
71.5	499.597	431.236	341.803	267.012	255.338
72.0	485.746	415.704	325.282	253.657	244.159
72.5	470.214	401.161	308.365	242.774	232.980
73.0	454.583	385.530	292.140	231.397	222.395
73.5	439.645	370.691	276.213	220.515	211.512
74.0	424.410	356.445	260.186	209.435	200.432
74.5	409.372	341.210	243.368	198.355	189.649
75.0	394.632	326.469	226.649	187.472	179.459
75.5	380.188	312.916	210.226	176.590	168.972
76.0	365.843	298.274	195.980	166.400	158.486
76.5	350.608	283.039	184.702	156.210	148.692
77.0	335.867	267.210	173.622	146.317	138.799
77.5	321.621	251.876	162.641	136.424	129.400
78.0	306.782	236.443	152.154	126.433	119.705
78.5	292.536	221.702	141.470	116.441	109.812
79.0	277.894	205.082	131.181	106.844	100.117
79.5	263.154	189.154	121.189	97.545	90.521
80.0	248.908	173.919	111.395	88.344	81.320
80.5	234.563	158.783	101.898	79.144	72.615
81.0	220.515	143.844	92.203	70.339	64.206
81.5	206.665	128.708	83.101	61.930	56.687
82.0	192.023	113.671	74.000	55.302	50.850
82.5	177.579	100.117	64.799	48.080	45.904

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CANDELA TABULATION - (Cont.)

83.0	163.729	88.839	55.797	42.837	41.056
83.5	149.483	78.451	47.486	37.890	35.615
84.0	135.237	68.657	40.561	32.548	30.965
84.5	121.090	59.457	35.219	27.997	27.206
85.0	106.647	50.850	29.976	24.436	23.842
85.5	92.895	42.045	24.733	21.171	20.676
86.0	79.243	33.636	20.577	18.005	17.610
86.5	65.591	25.920	17.214	14.840	14.345
87.0	52.631	21.072	13.949	11.872	11.476
87.5	39.374	15.037	10.882	8.904	8.607
88.0	26.711	10.783	7.914	6.332	6.134
88.5	17.115	7.717	5.936	5.243	4.749
89.0	9.992	4.947	5.936	5.540	4.056
89.5	4.848	2.869	5.639	3.858	3.265
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-L55-830-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 : APC-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 : APC-14-L55-830-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	683.13	N.A.	14.00
0-30	1433.39	N.A.	29.50
0-40	2316.05	N.A.	47.60
0-60	3979.44	N.A.	81.80
0-80	4808.08	N.A.	98.90
0-90	4863.21	N.A.	100.00
10-90	4685.2	N.A.	96.30
20-40	1632.92	N.A.	33.60
20-50	2521.77	N.A.	51.90
40-70	2217.23	N.A.	45.60
60-80	828.64	N.A.	17.00
70-80	274.79	N.A.	5.70
80-90	55.13	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	4863.21	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	178.01
10-20	505.13
20-30	750.26
30-40	882.66
40-50	888.85
50-60	774.54
60-70	553.84
70-80	274.79
80-90	55.13
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-L55-830-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	104	100	96	106	102	98	95	97	94	92	94	91	89	90	88	86	84
2	99	91	84	79	96	89	83	78	86	81	76	82	78	75	79	76	73	71
3	90	80	72	66	88	79	71	65	76	69	64	73	68	63	70	66	62	60
4	83	71	63	56	81	70	62	56	67	61	55	65	59	54	63	58	54	52
5	76	64	55	49	74	63	54	48	61	53	48	59	52	47	57	51	47	45
6	70	58	49	43	69	57	48	42	55	47	42	53	47	42	52	46	41	39
7	65	52	44	38	64	51	43	38	50	43	37	48	42	37	47	41	37	35
8	61	48	39	34	59	47	39	34	46	39	33	45	38	33	43	37	33	31
9	57	44	36	30	56	43	36	30	42	35	30	41	35	30	40	34	30	28
10	53	40	33	28	52	40	33	28	39	32	27	38	32	27	37	31	27	25

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

UGR TABLE - CORRECTED

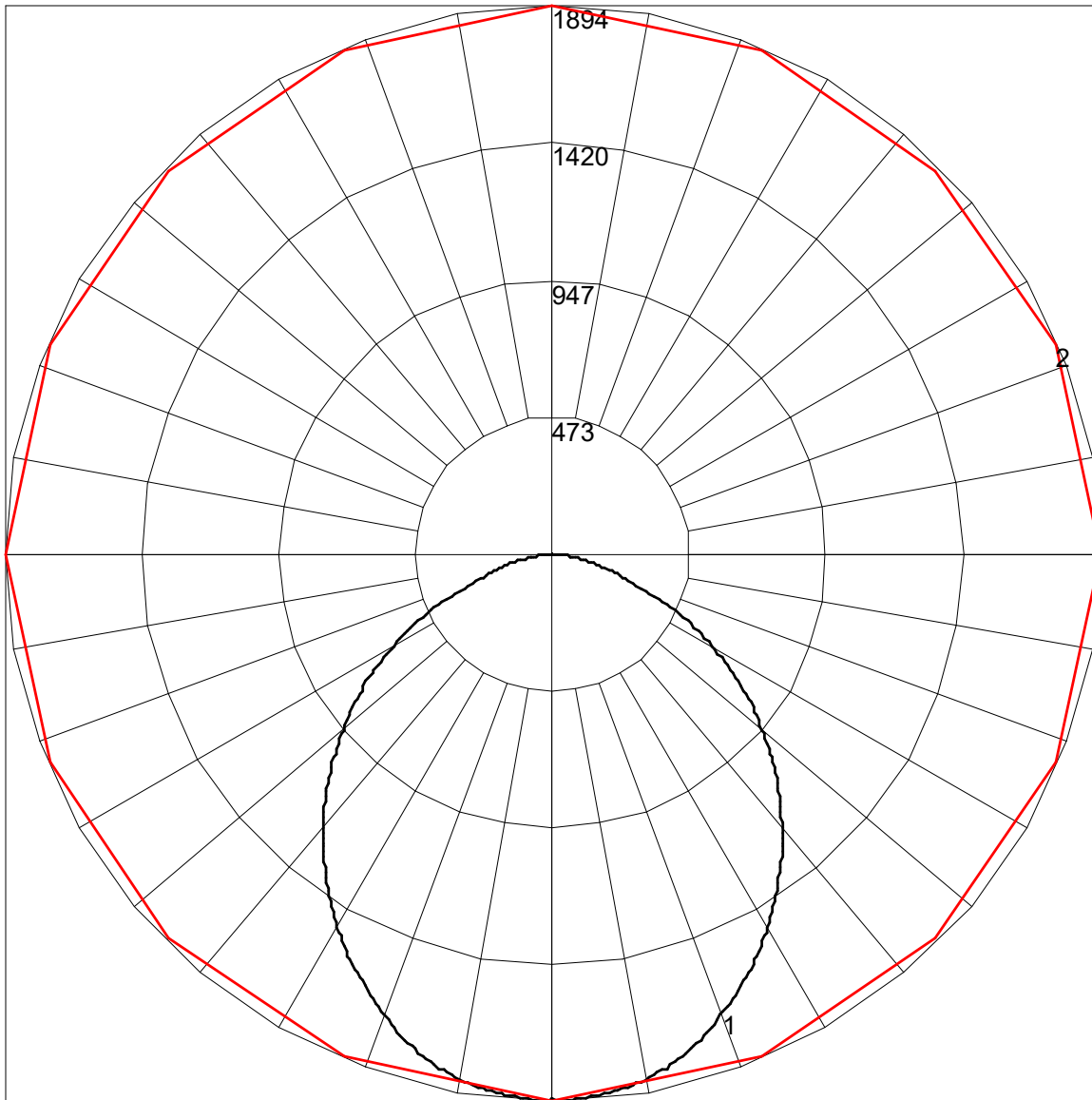
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	18.2	19.8	18.5	20.1	20.4	17.0	18.6	17.4	19.0	19.3
	3H	20.1	21.6	20.5	21.9	22.2	18.3	19.7	18.6	20.0	20.4
	4H	20.9	22.2	21.3	22.6	22.9	18.6	19.9	19.0	20.3	20.7
	6H	21.4	22.7	21.9	23.1	23.5	18.7	20.0	19.1	20.4	20.7
	8H	21.6	22.8	22.0	23.2	23.6	18.7	19.9	19.2	20.3	20.7
	12H	21.8	22.9	22.2	23.3	23.7	18.7	19.9	19.2	20.3	20.7
4H	2H	18.6	20.0	19.0	20.3	20.7	17.7	19.1	18.1	19.4	19.8
	3H	20.7	21.9	21.2	22.3	22.7	19.1	20.2	19.5	20.6	21.0
	4H	21.6	22.6	22.0	23.0	23.5	19.5	20.5	19.9	20.9	21.3
	6H	22.3	23.2	22.8	23.6	24.1	19.7	20.6	20.2	21.0	21.5
	8H	22.5	23.4	23.0	23.8	24.3	19.7	20.6	20.2	21.0	21.5
	12H	22.7	23.5	23.2	23.9	24.4	19.7	20.5	20.2	21.0	21.4
8H	4H	21.7	22.5	22.2	23.0	23.4	19.8	20.6	20.2	21.0	21.5
	6H	22.5	23.2	23.0	23.7	24.1	20.0	20.7	20.5	21.2	21.7
	8H	22.7	23.4	23.2	23.9	24.3	20.1	20.7	20.6	21.2	21.7
	12H	23.0	23.5	23.5	24.0	24.6	20.1	20.6	20.6	21.1	21.7
12H	4H	21.7	22.4	22.2	22.9	23.4	19.8	20.5	20.3	21.0	21.5
	6H	22.5	23.1	23.0	23.5	24.1	20.1	20.7	20.6	21.2	21.7
	8H	22.8	23.3	23.3	23.8	24.4	20.2	20.7	20.7	21.2	21.7

Maximum UGR = 24.6

POLAR GRAPH



Maximum Candela = 1893.52 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.)