

IES INDOOR REPORT

PHOTOMETRIC FILENAME : APC-14-L30-835-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-L30-835-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	2645
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	22.8
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	3136	2850	2746
55	3038	2626	2466
65	2906	2317	1966
75	2704	1553	1229
85	2170	610	485

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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	1024.890	1024.890	1024.890	1024.890	1024.890
0.5	1028.656	1025.966	1022.200	1025.428	1028.656
1.0	1029.732	1024.890	1021.662	1025.428	1029.194
1.5	1029.732	1025.428	1020.048	1023.814	1029.194
2.0	1027.580	1023.814	1021.124	1023.814	1028.118
2.5	1028.656	1022.738	1019.510	1023.814	1025.428
3.0	1028.118	1023.276	1019.510	1022.738	1025.428
3.5	1027.042	1022.738	1018.434	1022.738	1025.428
4.0	1027.042	1021.124	1017.896	1021.124	1023.276
4.5	1027.042	1021.124	1016.282	1019.510	1022.738
5.0	1025.428	1019.510	1015.744	1019.510	1022.200
5.5	1024.352	1018.972	1015.744	1019.510	1020.586
6.0	1024.352	1018.972	1013.054	1016.820	1018.972
6.5	1022.200	1016.820	1011.978	1016.282	1017.358
7.0	1018.972	1014.668	1010.902	1014.668	1017.358
7.5	1018.434	1013.054	1007.674	1011.978	1014.668
8.0	1017.896	1010.364	1006.060	1009.826	1012.516
8.5	1014.130	1009.826	1005.522	1008.212	1010.902
9.0	1013.592	1008.212	1003.370	1006.598	1009.826
9.5	1011.978	1005.522	1001.218	1004.446	1007.674
10.0	1008.212	1003.908	1000.142	1002.294	1003.908
10.5	1006.598	1001.756	997.452	999.066	1001.756
11.0	1006.060	999.604	994.762	997.452	1000.142
11.5	1002.832	996.376	992.072	994.762	995.300
12.0	1000.142	993.686	989.382	992.072	994.224
12.5	997.452	991.534	987.230	989.382	991.534
13.0	993.148	988.844	984.540	985.616	987.768
13.5	990.996	986.692	981.850	982.388	983.464
14.0	989.920	984.002	978.084	978.622	979.698
14.5	988.844	982.388	975.394	974.318	975.932
15.0	985.078	979.160	971.628	971.090	972.704
15.5	982.388	975.932	967.324	966.786	967.862
16.0	979.160	973.780	964.096	961.944	963.558
16.5	974.856	970.014	960.868	957.102	959.254
17.0	971.628	965.172	957.640	953.874	955.488
17.5	968.938	961.406	952.798	949.032	951.184
18.0	966.248	959.254	947.956	943.652	945.804
18.5	962.482	954.950	944.728	939.348	939.348
19.0	958.716	952.260	940.424	935.582	935.044
19.5	956.564	949.032	935.582	930.202	929.664
20.0	951.184	944.190	930.740	924.284	923.746
20.5	949.032	940.424	925.360	919.442	918.904
21.0	943.652	937.196	921.594	914.062	913.524
21.5	940.962	931.816	917.828	908.682	908.144
22.0	936.658	929.126	912.986	903.840	903.302
22.5	930.740	922.132	907.606	898.460	897.922
23.0	926.974	917.828	902.226	892.542	893.618
23.5	922.670	914.600	897.384	887.700	888.238
24.0	918.904	909.758	891.466	882.858	880.168
24.5	913.524	905.992	886.086	877.478	874.788
25.0	910.296	900.074	880.706	871.560	869.408
25.5	906.530	896.308	875.326	865.642	865.104
26.0	902.226	892.004	869.408	860.800	859.724
26.5	896.846	886.086	863.490	853.806	854.344

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CANDELA TABULATION - (Cont.)

27.0	892.542	880.706	857.572	848.964	848.426
27.5	885.548	875.864	852.730	843.584	842.508
28.0	881.244	871.022	847.350	836.590	836.052
28.5	877.478	866.180	841.432	830.672	829.596
29.0	872.098	860.262	836.052	825.292	823.678
29.5	865.642	854.882	829.596	818.298	817.222
30.0	861.876	849.502	823.678	811.842	810.766
30.5	855.420	843.046	817.760	805.924	803.772
31.0	852.192	836.590	811.842	799.468	797.316
31.5	846.274	831.210	804.848	793.550	790.860
32.0	840.356	825.292	798.392	787.094	783.866
32.5	836.590	819.912	791.936	780.638	777.948
33.0	829.058	814.532	786.556	773.106	770.416
33.5	824.216	807.538	780.100	767.188	763.422
34.0	819.374	801.620	773.106	760.194	756.428
34.5	812.380	795.164	767.188	753.738	749.434
35.0	806.462	789.784	759.656	746.206	742.440
35.5	802.158	783.866	754.276	739.750	736.522
36.0	795.164	776.334	746.744	732.756	730.066
36.5	788.708	770.416	739.750	725.762	721.996
37.0	783.866	763.960	732.756	718.768	716.078
37.5	777.410	756.966	725.762	711.236	709.084
38.0	770.416	749.972	718.768	703.704	701.014
38.5	763.960	742.978	711.774	697.248	694.558
39.0	758.042	737.060	705.318	689.716	687.564
39.5	751.048	730.604	699.400	682.184	680.032
40.0	745.668	724.686	691.330	675.190	671.962
40.5	738.136	717.154	683.798	668.196	663.892
41.0	732.218	709.622	676.266	660.664	656.360
41.5	725.762	702.628	669.810	653.670	649.366
42.0	719.306	695.634	662.816	645.062	641.834
42.5	712.850	688.640	654.746	637.530	634.302
43.0	705.856	681.108	647.214	629.998	626.232
43.5	699.938	673.038	639.682	622.466	618.162
44.0	694.020	666.044	632.688	615.472	611.168
44.5	686.488	659.588	624.618	608.478	603.636
45.0	680.032	652.056	618.162	600.946	595.566
45.5	673.576	645.600	610.630	592.338	586.420
46.0	666.044	637.530	603.098	583.730	578.888
46.5	659.050	631.074	596.104	576.198	571.894
47.0	652.056	623.542	588.572	568.666	562.748
47.5	645.062	616.010	579.964	560.596	555.216
48.0	637.530	607.940	572.970	553.064	547.684
48.5	631.074	601.484	564.900	544.994	538.538
49.0	623.542	593.952	556.830	536.709	530.791
49.5	616.548	585.344	548.760	528.585	522.452
50.0	609.016	578.350	541.228	520.676	514.812
50.5	602.022	570.280	533.911	512.875	506.904
51.0	593.952	562.748	526.164	504.859	498.296
51.5	586.420	555.216	518.040	497.327	490.548
52.0	579.426	547.146	510.401	489.042	482.855
52.5	572.970	539.076	502.438	480.972	474.785
53.0	564.900	531.383	493.884	473.010	466.446
53.5	557.368	523.474	486.137	464.563	457.677
54.0	550.374	515.834	477.690	456.547	449.176
54.5	541.766	508.249	469.674	448.208	441.698

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CANDELA TABULATION - (Cont.)

55.0	534.503	499.910	461.927	440.353	433.897
55.5	526.917	492.431	454.018	431.853	424.966
56.0	519.009	484.792	446.163	423.998	416.412
56.5	510.508	476.345	438.255	415.766	407.643
57.0	503.299	468.383	430.454	407.051	399.842
57.5	496.574	460.420	422.115	398.927	391.234
58.0	488.665	452.458	413.722	390.427	381.765
58.5	479.950	444.227	405.598	381.980	373.372
59.0	471.934	436.210	397.205	373.533	363.796
59.5	463.702	427.979	389.189	365.141	354.650
60.0	456.116	419.855	380.850	356.048	345.880
60.5	448.477	411.893	373.049	347.494	336.734
61.0	440.030	403.608	364.656	338.079	327.319
61.5	432.068	395.376	356.694	328.718	318.442
62.0	424.052	387.091	348.785	319.841	310.049
62.5	415.605	379.398	340.393	311.448	300.204
63.0	407.858	371.166	332.161	302.571	291.166
63.5	400.057	363.042	323.661	294.394	282.827
64.0	392.310	354.650	315.698	285.248	273.681
64.5	384.616	346.203	307.951	275.617	264.427
65.0	376.708	338.079	300.312	266.364	254.851
65.5	368.100	330.117	292.618	257.110	245.005
66.0	359.653	322.262	283.849	247.803	235.267
66.5	351.798	314.300	275.079	238.711	225.745
67.0	343.782	306.660	266.256	229.242	216.545
67.5	336.089	299.182	257.164	220.150	207.022
68.0	327.212	290.897	248.395	210.896	197.876
68.5	318.980	282.934	240.432	201.481	188.246
69.0	311.233	274.703	231.609	192.227	178.562
69.5	303.862	266.740	221.817	182.812	169.040
70.0	296.492	258.724	212.456	173.559	159.356
70.5	289.014	250.600	203.794	164.413	151.501
71.0	280.029	242.853	194.971	154.729	145.045
71.5	271.690	234.514	185.879	145.206	138.858
72.0	264.158	226.068	176.894	137.943	132.778
72.5	255.711	218.159	167.695	132.025	126.699
73.0	247.211	209.659	158.871	125.838	120.942
73.5	239.087	201.589	150.210	119.920	115.024
74.0	230.802	193.841	141.494	113.895	108.999
74.5	222.624	185.556	132.348	107.869	103.135
75.0	214.608	177.540	123.256	101.951	97.593
75.5	206.753	170.169	114.325	96.033	91.890
76.0	198.952	162.207	106.578	90.492	86.188
76.5	190.667	153.922	100.445	84.950	80.861
77.0	182.651	145.314	94.419	79.570	75.481
77.5	174.904	136.975	88.447	74.190	70.370
78.0	166.834	128.582	82.744	68.756	65.098
78.5	159.087	120.566	76.934	63.323	59.718
79.0	151.124	111.527	71.339	58.104	54.446
79.5	143.108	102.866	65.905	53.047	49.227
80.0	135.361	94.580	60.579	48.043	44.224
80.5	127.560	86.349	55.414	43.040	39.489
81.0	119.920	78.225	50.142	38.252	34.916
81.5	112.388	69.994	45.192	33.679	30.827
82.0	104.426	61.816	40.242	30.074	27.653
82.5	96.571	54.446	35.239	26.147	24.963

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CANDELA TABULATION - (Cont.)

83.0	89.039	48.312	30.343	23.295	22.327
83.5	81.292	42.663	25.824	20.605	19.368
84.0	73.545	37.337	22.058	17.700	16.839
84.5	65.851	32.334	19.153	15.225	14.795
85.0	57.996	27.653	16.301	13.289	12.966
85.5	50.518	22.865	13.450	11.513	11.244
86.0	43.094	18.292	11.190	9.792	9.576
86.5	35.669	14.096	9.361	8.070	7.801
87.0	28.622	11.459	7.586	6.456	6.241
87.5	21.412	8.178	5.918	4.842	4.681
88.0	14.526	5.864	4.304	3.443	3.336
88.5	9.307	4.196	3.228	2.851	2.582
89.0	5.434	2.690	3.228	3.013	2.206
89.5	2.636	1.560	3.067	2.098	1.775
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-L30-835-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-L30-835-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-L30-835-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	371.50	N.A.	14.00
0-30	779.51	N.A.	29.50
0-40	1259.51	N.A.	47.60
0-60	2164.09	N.A.	81.80
0-80	2614.72	N.A.	98.90
0-90	2644.71	N.A.	100.00
10-90	2547.9	N.A.	96.30
20-40	888.01	N.A.	33.60
20-50	1371.38	N.A.	51.90
40-70	1205.77	N.A.	45.60
60-80	450.63	N.A.	17.00
70-80	149.44	N.A.	5.70
80-90	29.98	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	2644.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	96.80
10-20	274.70
20-30	408.00
30-40	480.01
40-50	483.37
50-60	421.21
60-70	301.19
70-80	149.44
80-90	29.98
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-L30-835-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	116	116	116	116	113	113	113	113	108	108	108	103	103	103	99	99	99	97
1	106	102	98	94	104	100	96	93	95	93	90	92	89	87	88	86	85	83
2	97	89	83	77	94	87	82	77	84	79	75	81	77	73	78	74	71	69
3	89	79	71	65	86	77	70	64	74	68	63	72	66	62	69	65	61	59
4	81	70	62	55	79	69	61	55	66	59	54	64	58	53	62	57	53	51
5	75	63	54	48	73	61	53	47	59	52	47	57	51	46	56	50	46	44
6	69	56	48	42	67	55	47	42	54	47	41	52	46	41	51	45	40	39
7	64	51	43	37	62	50	42	37	49	42	37	48	41	36	46	40	36	34
8	60	47	39	33	58	46	38	33	45	38	33	44	37	33	43	37	32	31
9	56	43	35	30	54	42	35	30	41	34	30	40	34	29	39	34	29	28
10	52	40	32	27	51	39	32	27	38	32	27	37	31	27	36	31	27	25

IES INDOOR REPORT
PHOTOMETRIC FILENAME : APC-14-L30-835-DIM-UNV_.IES

UGR TABLE - CORRECTED

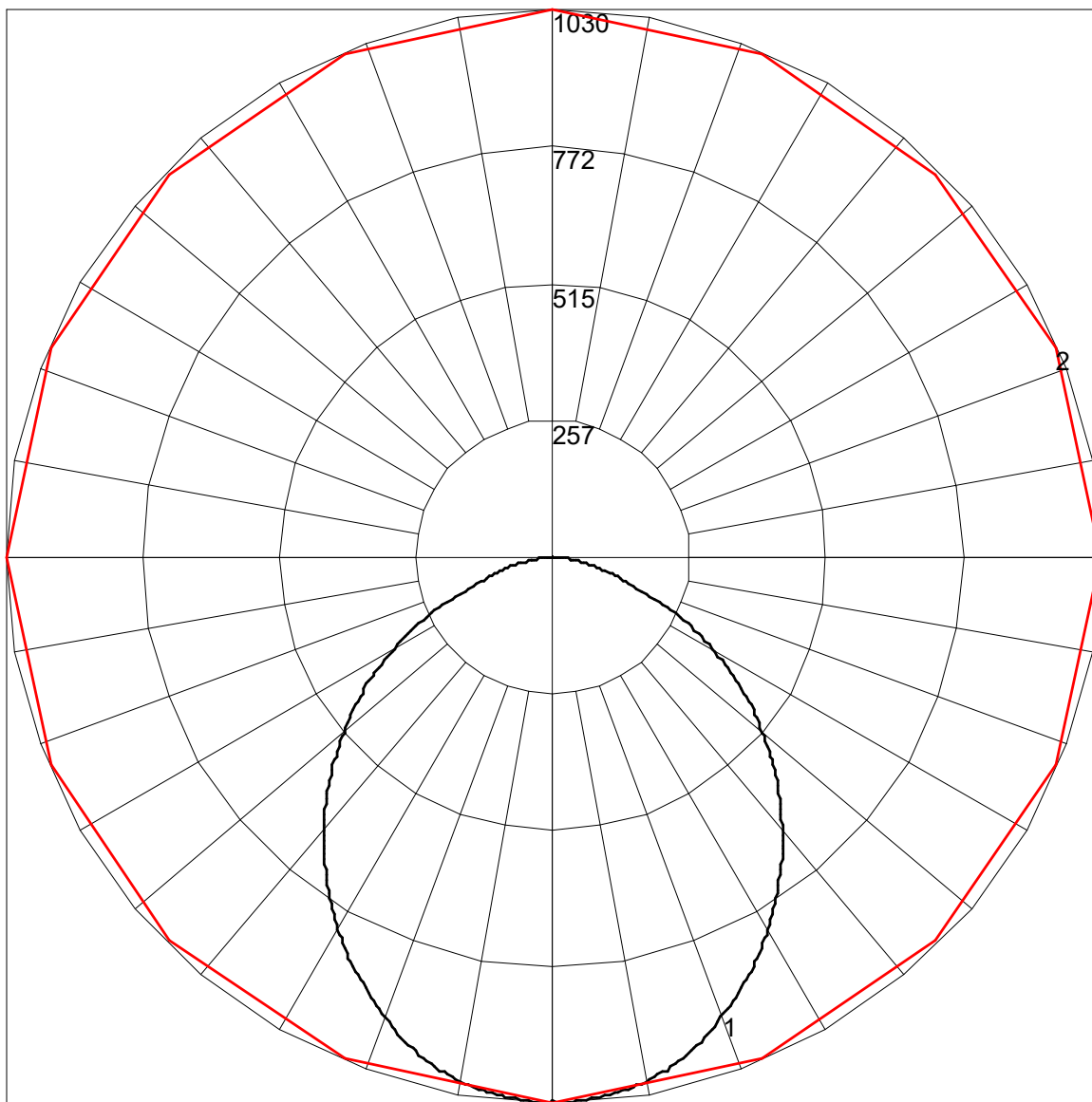
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	16.2	17.8	16.5	18.1	18.4	15.0	16.6	15.4	17.0	17.3
	3H	18.1	19.6	18.5	19.9	20.2	16.3	17.7	16.6	18.0	18.4
	4H	18.9	20.2	19.3	20.6	20.9	16.6	17.9	17.0	18.3	18.7
	6H	19.4	20.7	19.9	21.1	21.5	16.7	18.0	17.1	18.4	18.7
	8H	19.6	20.8	20.0	21.2	21.6	16.7	17.9	17.2	18.3	18.7
	12H	19.8	20.9	20.2	21.3	21.7	16.7	17.9	17.2	18.3	18.7
4H	2H	16.6	18.0	17.0	18.3	18.7	15.7	17.1	16.1	17.4	17.8
	3H	18.7	19.9	19.2	20.3	20.7	17.1	18.2	17.5	18.6	19.0
	4H	19.6	20.6	20.0	21.0	21.5	17.5	18.5	17.9	18.9	19.3
	6H	20.3	21.2	20.8	21.6	22.1	17.7	18.6	18.2	19.0	19.5
	8H	20.5	21.4	21.0	21.8	22.3	17.7	18.6	18.2	19.0	19.5
	12H	20.7	21.4	21.2	21.9	22.4	17.7	18.5	18.2	19.0	19.4
8H	4H	19.7	20.5	20.2	21.0	21.4	17.8	18.6	18.2	19.0	19.5
	6H	20.5	21.2	21.0	21.7	22.1	18.0	18.7	18.5	19.2	19.7
	8H	20.7	21.4	21.2	21.9	22.3	18.1	18.7	18.6	19.2	19.7
	12H	21.0	21.5	21.5	22.0	22.6	18.1	18.6	18.6	19.1	19.7
12H	4H	19.7	20.4	20.2	20.9	21.4	17.8	18.5	18.3	19.0	19.5
	6H	20.5	21.1	21.0	21.5	22.1	18.1	18.7	18.6	19.2	19.7
	8H	20.8	21.3	21.3	21.8	22.4	18.2	18.7	18.7	19.2	19.7

Maximum UGR = 22.6

POLAR GRAPH



Maximum Candela = 1029.732 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.)