

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13142110.05 mod to gen 2
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 12/3/2019
 [MANUFAC] BARTCO LIGHTING INC
 [LUMCAT] HCB16-T1-44-BS35-ND-R-F1-SN
 [LUMINAIRE] White rectangular metal housing with diffuse plastic lens
 [LAMP] White LED array
 [BALLAST] One (1) Philips Advance XI040C110V054BST1
 [OTHER] 24.4 C, 120.091 V, 0.299854 A, 35.8864 W, 0.99657 PF, 59.9891
 [MORE] Hz
 [OTHER] This test was performed using the calibrated photodetector met
 [MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2540
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	71
Total Luminaire Watts	35.8864
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.67 ft
Luminous Width (90-270)	0.25 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9607	9612	9501
55	9045	9074	8954
65	8385	8448	8349
75	7621	7656	7577
85	6986	6883	6782

IES INDOOR REPORT**PHOTOMETRIC FILENAME : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.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	946.944	946.944	946.944	946.944	946.944
0.5	948.672	944.244	947.160	947.808	948.024
1.0	948.564	944.244	946.944	947.592	947.808
1.5	948.240	943.920	946.620	947.160	947.484
2.0	948.132	943.704	946.188	946.728	947.052
2.5	947.592	943.272	945.756	946.188	946.512
3.0	947.268	942.732	945.108	945.540	945.864
3.5	946.620	942.084	944.460	944.892	945.108
4.0	945.972	941.328	943.596	944.028	944.244
4.5	945.216	940.572	942.732	943.056	943.488
5.0	944.244	939.600	941.868	941.976	942.516
5.5	943.380	938.520	940.788	940.788	941.328
6.0	942.300	937.440	939.492	939.600	940.032
6.5	941.220	936.252	938.412	938.412	938.628
7.0	939.708	934.848	937.008	936.900	937.008
7.5	938.304	933.336	935.604	935.280	935.604
8.0	936.684	932.040	934.092	933.768	933.660
8.5	934.956	930.204	932.472	932.148	932.148
9.0	933.120	928.368	930.744	930.528	930.528
9.5	931.068	926.424	928.908	928.908	928.692
10.0	929.016	924.480	926.856	927.180	926.964
10.5	926.964	922.428	925.020	925.236	925.128
11.0	924.588	920.268	922.860	923.184	923.184
11.5	921.996	917.892	920.808	921.132	921.024
12.0	919.404	915.624	918.540	918.972	918.972
12.5	916.812	913.032	916.164	916.596	916.920
13.0	914.004	910.332	913.680	914.220	914.652
13.5	910.980	907.632	911.196	911.628	912.060
14.0	907.848	904.716	908.496	908.928	909.468
14.5	904.716	901.908	905.796	906.120	906.444
15.0	901.692	898.776	902.988	903.204	903.636
15.5	898.344	895.644	899.856	900.180	900.504
16.0	894.780	892.404	896.724	896.940	897.372
16.5	891.432	889.164	893.592	893.700	893.916
17.0	888.084	885.708	890.244	890.244	890.460
17.5	884.520	882.252	886.680	886.680	886.680
18.0	880.848	878.688	883.116	883.008	882.792
18.5	876.960	875.016	879.228	879.012	878.796
19.0	873.396	871.452	875.448	875.016	874.692
19.5	869.292	867.564	871.560	870.804	870.588
20.0	865.512	863.784	867.456	866.592	866.268
20.5	861.516	859.896	863.244	862.056	862.056
21.0	857.304	855.900	858.924	857.520	857.196
21.5	853.200	851.796	854.388	852.768	852.552
22.0	848.880	847.584	849.852	848.016	847.908
22.5	844.452	843.264	845.208	843.156	842.940
23.0	839.916	838.944	840.456	838.188	837.972
23.5	835.380	834.408	835.596	833.220	833.004
24.0	830.844	829.872	830.628	828.036	827.820
24.5	825.984	825.228	825.552	822.960	822.204
25.0	821.124	820.368	820.584	817.776	817.128
25.5	816.156	815.508	815.400	812.592	811.836
26.0	811.080	810.432	810.216	807.408	806.436
26.5	805.896	805.248	804.924	802.008	801.036

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27.0	800.712	800.172	799.524	796.716	795.528
27.5	795.312	794.988	794.016	791.208	790.020
28.0	789.912	789.696	788.616	785.808	784.512
28.5	784.404	784.188	783.108	780.408	779.328
29.0	778.572	778.788	777.600	774.900	773.928
29.5	773.280	773.172	771.984	769.284	768.528
30.0	767.448	767.664	766.368	763.668	763.020
30.5	761.616	762.048	760.536	757.944	757.188
31.0	755.892	756.324	754.920	752.328	751.464
31.5	749.952	750.600	749.088	746.604	745.524
32.0	744.012	744.768	743.364	740.664	740.016
32.5	738.072	738.936	737.532	734.832	734.184
33.0	732.024	732.996	731.700	728.892	728.244
33.5	726.084	727.164	725.868	722.952	722.088
34.0	719.928	721.116	719.820	716.904	715.824
34.5	713.664	714.960	713.772	710.748	709.452
35.0	707.724	708.912	707.724	704.376	703.404
35.5	701.676	702.864	701.676	698.112	697.032
36.0	695.520	696.816	695.412	691.740	690.660
36.5	689.472	690.660	689.148	685.476	684.288
37.0	683.100	684.612	682.992	678.996	677.916
37.5	676.944	678.348	676.620	672.732	671.328
38.0	670.788	671.976	670.464	666.144	664.848
38.5	664.416	665.712	663.984	659.448	658.260
39.0	658.260	659.664	657.612	653.076	651.780
39.5	651.780	653.400	651.024	646.596	645.192
40.0	645.300	647.028	644.544	640.116	638.604
40.5	638.928	640.548	638.064	633.420	632.124
41.0	632.448	634.176	631.584	626.832	625.320
41.5	625.860	627.696	625.104	620.460	618.840
42.0	619.380	621.216	618.732	613.872	612.144
42.5	612.576	614.736	612.144	607.284	605.772
43.0	605.880	608.040	605.556	600.804	599.076
43.5	599.292	601.560	598.860	594.108	592.488
44.0	592.596	594.972	592.488	587.520	585.792
44.5	585.792	588.384	586.008	580.932	579.204
45.0	579.096	581.688	579.420	574.344	572.724
45.5	572.400	574.992	572.832	568.080	566.136
46.0	565.488	568.404	566.136	561.492	559.548
46.5	558.684	561.600	559.656	554.796	552.852
47.0	551.880	554.904	553.068	548.100	546.264
47.5	545.184	548.100	546.264	541.296	539.568
48.0	538.380	541.296	539.568	534.816	532.980
48.5	531.576	534.708	532.656	528.012	526.284
49.0	524.772	527.904	526.068	521.532	519.804
49.5	517.968	521.208	519.264	514.944	513.108
50.0	511.056	514.404	512.460	508.140	506.304
50.5	504.360	507.600	505.656	501.444	499.500
51.0	497.448	500.796	498.852	494.640	492.588
51.5	490.536	493.884	492.048	487.944	486.000
52.0	483.408	487.080	485.028	480.816	479.304
52.5	476.496	480.276	478.008	474.012	472.500
53.0	469.692	473.364	471.096	467.100	465.480
53.5	462.780	466.560	464.184	460.188	458.568
54.0	455.760	459.648	457.380	453.492	451.548
54.5	448.740	452.628	450.576	446.688	444.744

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55.0	442.260	445.824	443.664	439.560	437.832
55.5	434.916	438.804	436.752	432.432	430.812
56.0	427.680	431.784	429.732	425.412	423.900
56.5	420.444	424.872	422.712	418.500	416.880
57.0	413.316	417.636	415.908	411.588	409.860
57.5	406.188	410.724	409.104	404.676	402.948
58.0	398.952	403.596	402.084	397.656	396.144
58.5	391.824	396.576	395.172	390.960	389.124
59.0	384.696	389.340	388.368	384.048	382.212
59.5	377.676	382.320	381.348	377.028	375.408
60.0	370.656	375.300	374.328	370.008	368.604
60.5	363.852	368.280	367.308	363.096	361.908
61.0	356.724	361.152	360.396	356.400	354.888
61.5	349.920	354.240	353.376	349.596	348.192
62.0	343.224	347.112	346.356	342.900	341.388
62.5	336.096	340.092	339.444	336.204	334.800
63.0	329.508	333.072	332.424	329.184	327.996
63.5	322.380	326.160	325.404	322.164	321.192
64.0	315.900	319.140	318.276	315.360	314.172
64.5	308.880	312.228	311.364	308.664	307.476
65.0	302.076	305.100	304.344	301.536	300.780
65.5	295.272	298.188	297.324	294.840	294.084
66.0	288.252	291.276	290.412	287.928	287.172
66.5	281.448	284.148	283.392	281.340	280.260
67.0	274.536	277.344	276.588	274.428	273.240
67.5	267.732	270.432	269.676	267.624	266.436
68.0	260.712	263.520	262.656	260.712	259.524
68.5	253.800	256.608	255.744	253.800	253.044
69.0	246.996	249.696	248.940	246.996	245.916
69.5	240.084	242.892	242.136	240.192	239.112
70.0	233.280	236.088	235.440	233.604	232.524
70.5	226.692	229.284	228.744	226.800	225.936
71.0	220.212	222.588	221.940	220.320	219.132
71.5	213.516	215.892	215.136	213.408	212.328
72.0	206.712	209.088	208.332	206.820	205.740
72.5	199.908	202.392	201.636	200.124	199.260
73.0	193.428	195.912	195.048	193.968	192.888
73.5	187.164	189.432	188.460	187.380	186.408
74.0	180.684	182.844	181.980	181.116	180.144
74.5	174.312	176.364	175.500	174.852	173.556
75.0	168.156	169.884	168.912	168.264	167.184
75.5	162.000	163.512	162.540	161.892	160.920
76.0	155.844	157.140	156.168	155.736	154.656
76.5	149.796	150.876	149.904	149.472	148.392
77.0	143.748	144.828	143.640	143.316	142.344
77.5	137.700	138.672	137.484	137.268	136.512
78.0	131.652	132.516	131.436	131.220	130.464
78.5	125.712	126.468	125.388	125.280	124.632
79.0	119.880	120.420	119.340	119.232	118.584
79.5	113.940	114.480	113.400	113.508	112.644
80.0	108.108	108.540	107.471	107.654	106.672
80.5	102.200	102.611	101.704	101.736	101.034
81.0	96.347	96.833	95.839	95.915	95.299
81.5	90.515	90.936	90.104	90.202	89.489
82.0	84.834	85.212	84.402	84.564	83.840
82.5	79.229	79.499	78.786	78.829	78.203

IES INDOOR REPORT

PHOTOMETRIC FILENAME : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.IES

CANDELA TABULATION - (Cont.)

83.0	73.634	73.829	73.138	73.159	72.576
83.5	68.126	68.180	67.532	67.586	66.982
84.0	62.672	62.608	62.046	61.992	61.355
84.5	57.283	57.100	56.624	56.506	55.771
85.0	51.905	51.635	51.138	51.019	50.393
85.5	46.732	46.246	45.716	45.522	44.874
86.0	41.494	40.835	40.403	40.100	39.582
86.5	36.266	35.500	35.014	34.646	34.236
87.0	31.082	30.154	29.743	29.279	28.966
87.5	25.812	24.905	24.527	24.170	23.846
88.0	20.660	19.667	19.580	19.764	19.678
88.5	15.358	15.012	15.638	16.286	16.470
89.0	10.271	11.556	12.701	13.522	13.824
89.5	5.724	8.867	10.055	10.886	11.275
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 : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.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 : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.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 : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	343.59	N.A.	13.50
0-30	720.88	N.A.	28.40
0-40	1162.77	N.A.	45.80
0-60	2003.86	N.A.	78.90
0-80	2482.75	N.A.	97.70
0-90	2539.9	N.A.	100.00
10-90	2450.49	N.A.	96.50
20-40	819.17	N.A.	32.30
20-50	1265.02	N.A.	49.80
40-70	1141.15	N.A.	44.90
60-80	478.89	N.A.	18.90
70-80	178.84	N.A.	7.00
80-90	57.15	N.A.	2.30
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	2539.9	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	89.41
10-20	254.19
20-30	377.29
30-40	441.89
40-50	445.85
50-60	395.24
60-70	300.05
70-80	178.84
80-90	57.15
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

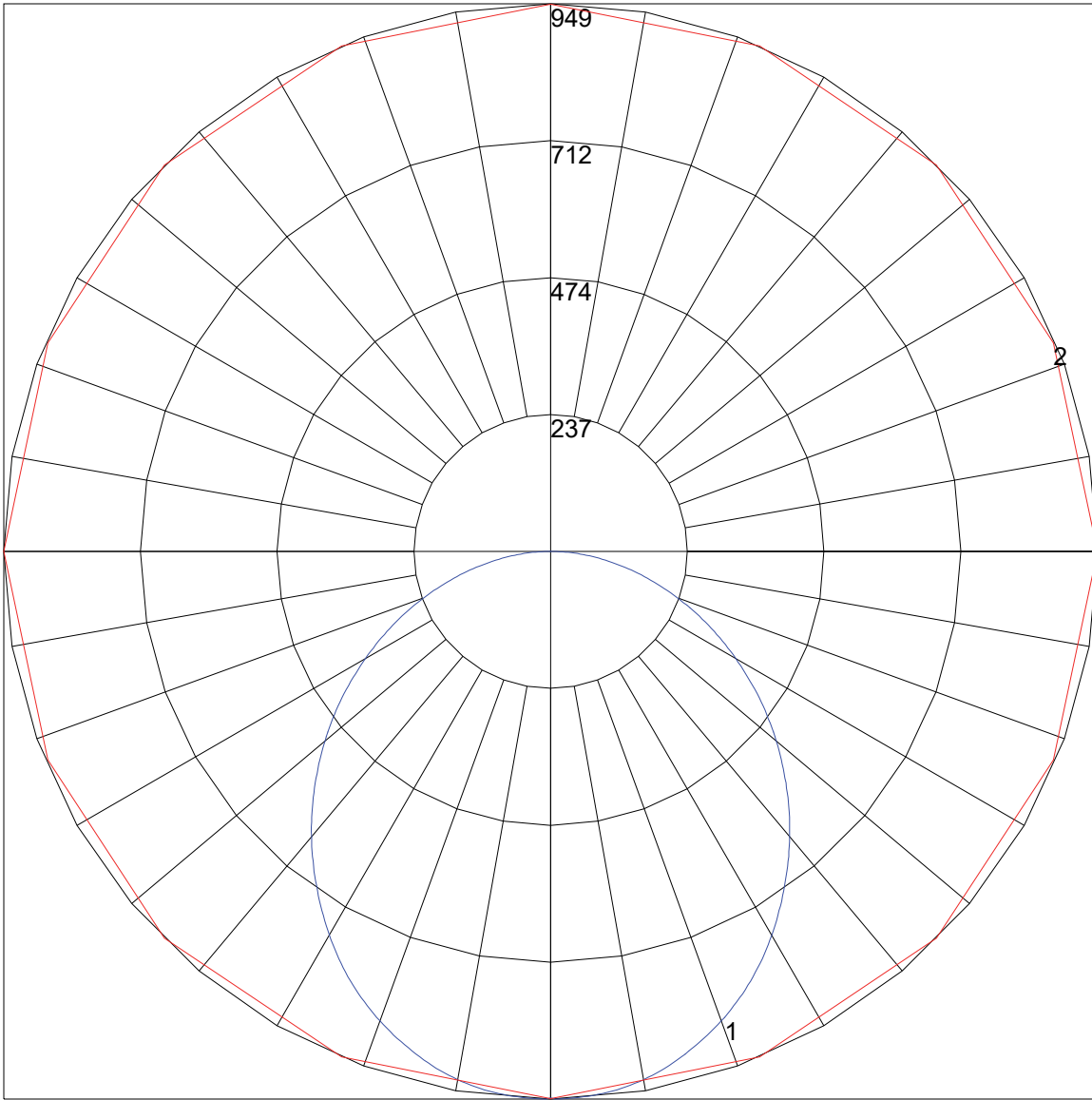
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HCB16-T1-44-BS35-ND-R-F1-SN-GEN2.IES

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	104	99	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	80	71	65	88	78	70	64	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	64	58	53	62	57	52	50
5	76	63	54	48	74	62	54	47	60	52	47	58	51	46	56	50	46	44
6	70	57	48	42	68	56	48	41	54	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	43	37	49	42	36	48	41	36	47	40	36	34
8	61	47	39	33	59	47	38	33	45	38	33	44	37	32	43	37	32	30
9	57	43	35	30	55	43	35	30	42	34	29	41	34	29	40	34	29	27
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	26	25

POLAR GRAPH



Maximum Candela = 948.672 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)