

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HCB01-4-BS35-ND-R-SM-SN-AW-GEN2.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13142110.01 mod to gen 2
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 12/3/2019
 [MANUFAC] BARTCO LIGHTING INC
 [LUMCAT] HCB01-4-BS35-ND-R-SM-SN-AW
 [LUMINAIRE] White rectangular metal housing with diffuse plastic lens
 [LAMP] White LED array
 [BALLAST] One (1) Philips Advance XI040C110V054BST1
 [OTHER] 24.4 C, 120.088 V, 0.300296 A, 35.9453 W, 0.996761 PF, 59.989
 [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	2377
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	66
Total Luminaire Watts	35.9453
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.18
Spacing Criterion (Diagonal)	1.32
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.67 ft
Luminous Width (90-270)	0.17 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	13488	13397	13164
55	12621	12555	12330
65	11704	11677	11461
75	10728	10647	10405
85	9942	9718	9309

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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	909.468	909.468	909.468	909.468	909.468
0.5	909.144	906.876	909.900	911.304	910.008
1.0	908.928	906.768	909.792	910.980	909.900
1.5	908.604	906.552	909.360	910.548	909.468
2.0	908.388	906.228	908.928	910.008	909.036
2.5	907.848	905.796	908.388	909.360	908.496
3.0	907.416	905.256	907.524	908.496	907.740
3.5	906.876	904.608	906.768	907.524	906.768
4.0	906.120	903.744	905.796	906.444	905.904
4.5	905.256	902.880	904.824	905.256	904.824
5.0	904.608	901.908	903.636	903.960	903.420
5.5	903.528	900.936	902.340	902.556	902.124
6.0	902.448	899.748	901.044	901.152	900.396
6.5	901.368	898.452	899.640	899.640	898.884
7.0	899.964	897.048	898.128	898.020	896.724
7.5	898.560	895.536	896.508	896.292	894.888
8.0	896.940	893.916	894.888	894.348	892.944
8.5	895.212	892.188	893.052	892.512	890.784
9.0	893.484	890.244	891.108	890.352	888.840
9.5	891.324	888.300	889.164	888.300	886.680
10.0	889.380	886.248	886.896	886.140	884.412
10.5	887.220	884.196	884.736	883.764	882.252
11.0	885.060	881.820	882.360	881.496	879.984
11.5	882.684	879.552	879.984	879.120	877.608
12.0	879.984	876.960	877.392	876.636	875.232
12.5	877.176	874.368	874.692	873.828	872.856
13.0	874.152	871.668	871.992	871.128	870.264
13.5	871.236	868.752	869.076	868.320	867.564
14.0	868.104	865.728	866.160	865.404	864.648
14.5	864.756	862.704	863.136	862.488	861.840
15.0	861.732	859.356	860.004	859.356	858.708
15.5	858.276	856.224	856.656	856.116	855.468
16.0	854.928	852.660	853.416	852.768	852.012
16.5	851.472	849.312	849.960	849.312	848.340
17.0	847.908	845.748	846.504	845.640	844.668
17.5	844.128	842.076	842.724	841.968	840.888
18.0	840.456	838.512	838.944	838.296	836.784
18.5	836.892	834.732	835.056	834.192	832.788
19.0	833.004	830.952	831.168	830.088	828.576
19.5	829.116	826.956	826.956	825.768	824.256
20.0	825.120	822.852	822.960	821.340	819.612
20.5	821.016	818.964	818.532	816.804	815.292
21.0	816.912	814.752	814.212	812.160	810.648
21.5	812.592	810.432	809.784	807.408	805.788
22.0	808.380	806.112	805.248	802.656	800.928
22.5	803.952	801.684	800.388	797.688	795.852
23.0	799.632	797.364	795.744	792.720	790.884
23.5	795.096	792.828	790.884	787.536	785.700
24.0	790.452	788.076	785.916	782.352	780.408
24.5	785.592	783.216	780.948	777.276	775.008
25.0	780.732	778.356	775.872	772.092	769.608
25.5	775.764	773.388	770.688	766.800	764.100
26.0	770.796	768.420	765.504	761.508	758.700
26.5	765.612	763.236	760.212	756.000	753.408

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27.0	760.320	758.052	754.920	750.600	748.008
27.5	755.028	752.760	749.520	745.200	742.392
28.0	749.520	747.468	744.012	739.692	736.884
28.5	744.228	742.068	738.504	734.292	731.484
29.0	738.720	736.668	732.996	728.676	726.192
29.5	732.996	731.052	727.380	723.276	720.684
30.0	727.596	725.436	721.764	717.552	715.068
30.5	721.548	719.820	716.148	712.044	709.452
31.0	715.824	714.204	710.424	706.320	703.944
31.5	709.992	708.480	704.808	700.704	698.112
32.0	704.052	702.648	698.976	694.764	692.604
32.5	698.220	696.816	693.252	688.932	686.664
33.0	692.388	690.876	687.420	683.208	680.832
33.5	686.340	684.936	681.588	677.160	674.784
34.0	680.400	679.104	675.864	671.112	668.736
34.5	674.352	673.164	669.924	665.172	662.580
35.0	668.412	667.224	663.984	659.016	656.532
35.5	662.472	661.284	658.044	652.860	650.484
36.0	656.424	655.236	652.104	646.596	644.004
36.5	650.268	649.296	645.948	640.332	637.848
37.0	644.220	643.248	639.900	634.068	631.584
37.5	638.172	637.308	633.852	627.696	625.320
38.0	632.124	631.152	627.696	621.324	618.948
38.5	626.076	624.996	621.540	614.952	612.468
39.0	619.920	618.948	615.276	608.580	606.096
39.5	613.656	612.684	608.904	602.208	599.724
40.0	607.392	606.636	602.640	595.836	593.136
40.5	601.128	600.372	596.376	589.464	586.980
41.0	594.756	594.108	589.896	583.200	580.608
41.5	588.384	587.844	583.740	576.828	574.452
42.0	582.012	581.580	577.368	570.456	567.972
42.5	575.640	575.208	570.996	564.192	561.708
43.0	569.160	568.944	564.732	557.820	555.444
43.5	562.572	562.572	558.360	551.556	549.072
44.0	556.092	556.092	552.096	545.184	542.592
44.5	549.720	549.828	545.724	538.812	536.328
45.0	543.132	543.348	539.460	532.548	530.064
45.5	536.436	536.976	532.980	526.284	523.908
46.0	530.064	530.604	526.608	520.020	517.428
46.5	523.368	524.016	520.344	513.756	511.164
47.0	516.888	517.644	513.756	507.492	504.900
47.5	510.084	511.164	507.492	501.228	498.636
48.0	503.820	504.684	501.012	494.748	492.372
48.5	497.340	498.204	494.640	488.484	486.108
49.0	490.860	491.724	488.052	482.112	479.952
49.5	484.380	485.244	481.572	475.740	473.688
50.0	477.900	478.872	475.308	469.368	467.316
50.5	471.420	472.176	468.936	462.996	461.052
51.0	464.940	465.804	462.456	456.516	454.572
51.5	458.244	459.324	455.760	450.144	448.308
52.0	451.764	452.736	449.280	443.664	441.720
52.5	445.284	446.256	442.692	437.076	435.348
53.0	438.696	439.776	436.212	430.704	428.976
53.5	432.216	433.188	429.624	424.116	422.388
54.0	425.520	426.600	423.036	417.636	415.908
54.5	418.716	420.120	416.556	411.156	409.428

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55.0	412.236	413.424	410.076	404.676	402.732
55.5	405.648	406.944	403.488	398.196	396.360
56.0	398.736	400.356	396.900	391.608	389.880
56.5	392.040	393.768	390.528	385.344	383.184
57.0	385.344	387.072	383.940	378.756	376.596
57.5	378.756	380.592	377.460	372.384	370.224
58.0	372.060	374.004	370.980	365.904	363.744
58.5	365.580	367.416	364.608	359.532	357.480
59.0	358.992	360.936	357.912	353.052	351.108
59.5	352.512	354.240	351.540	346.572	344.736
60.0	346.032	347.652	345.060	340.200	338.472
60.5	339.660	341.172	338.472	333.936	332.100
61.0	333.072	334.692	331.992	327.564	325.728
61.5	326.700	328.104	325.728	321.192	319.572
62.0	320.328	321.624	319.356	314.928	313.308
62.5	313.956	315.144	312.876	308.556	306.828
63.0	307.476	308.664	306.504	302.400	300.780
63.5	301.104	302.184	300.132	296.028	294.516
64.0	294.732	295.812	293.760	289.656	288.252
64.5	288.144	289.332	287.280	283.608	282.096
65.0	281.664	282.852	281.016	277.236	275.832
65.5	275.292	276.480	274.644	271.080	269.568
66.0	268.920	270.108	268.380	264.816	263.196
66.5	262.332	263.844	262.008	258.552	256.932
67.0	256.068	257.472	255.636	252.288	250.776
67.5	249.588	251.208	249.264	246.132	244.404
68.0	243.216	244.944	243.108	239.868	238.140
68.5	236.844	238.680	236.736	233.604	231.876
69.0	230.580	232.416	230.472	227.340	225.720
69.5	224.316	226.152	224.316	221.076	219.456
70.0	218.160	219.888	217.944	214.920	213.192
70.5	212.220	213.732	211.788	208.656	207.036
71.0	205.956	207.576	205.524	202.500	200.988
71.5	200.016	201.312	199.260	196.236	194.724
72.0	193.752	195.264	193.104	190.080	188.676
72.5	187.380	189.000	186.948	184.032	182.520
73.0	181.548	182.736	180.684	177.984	176.580
73.5	175.608	176.688	174.636	172.044	170.856
74.0	169.776	170.856	168.696	166.212	164.916
74.5	163.944	164.808	162.864	160.380	159.192
75.0	158.112	159.084	156.924	154.548	153.360
75.5	152.280	153.252	151.092	148.824	147.852
76.0	146.556	147.420	145.368	143.208	142.128
76.5	140.832	141.696	139.536	137.592	136.404
77.0	135.108	135.972	133.920	131.976	130.788
77.5	129.384	130.356	128.412	126.576	125.172
78.0	123.768	124.740	122.688	120.960	119.664
78.5	118.152	119.232	117.180	115.452	114.156
79.0	112.644	113.616	111.672	110.160	108.864
79.5	107.093	108.108	106.218	104.663	103.367
80.0	101.628	102.654	100.786	99.252	98.118
80.5	96.174	97.114	95.396	93.895	92.696
81.0	90.828	91.746	90.061	88.614	87.404
81.5	85.525	86.314	84.758	83.290	82.134
82.0	80.190	80.935	79.434	77.998	76.831
82.5	74.920	75.535	74.153	72.706	71.626

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CANDELA TABULATION - (Cont.)

83.0	69.660	70.222	68.828	67.543	66.571
83.5	64.552	64.908	63.655	62.316	61.463
84.0	59.476	59.713	58.450	57.110	56.398
84.5	54.400	54.410	53.374	52.034	51.224
85.0	49.345	49.302	48.233	46.840	46.202
85.5	44.334	44.172	43.114	41.839	41.180
86.0	39.388	39.042	38.092	36.817	36.299
86.5	34.322	34.052	33.134	31.882	31.363
87.0	29.441	29.084	28.102	26.903	26.449
87.5	24.430	24.127	23.220	22.118	21.676
88.0	19.429	19.235	18.392	17.161	16.762
88.5	14.504	14.386	13.608	12.442	12.118
89.0	9.634	10.098	9.180	8.057	7.636
89.5	5.076	6.437	5.605	4.795	4.320
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

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PHOTOMETRIC FILENAME : HCB01-4-BS35-ND-R-SM-SN-AW-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 : HCB01-4-BS35-ND-R-SM-SN-AW-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 : HCB01-4-BS35-ND-R-SM-SN-AW-GEN2.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	327.92	N.A.	13.80
0-30	684.82	N.A.	28.80
0-40	1099.5	N.A.	46.30
0-60	1880.31	N.A.	79.10
0-80	2323.53	N.A.	97.80
0-90	2376.63	N.A.	100.00
10-90	2290.93	N.A.	96.40
20-40	771.58	N.A.	32.50
20-50	1186.71	N.A.	49.90
40-70	1058.02	N.A.	44.50
60-80	443.23	N.A.	18.60
70-80	166.01	N.A.	7.00
80-90	53.09	N.A.	2.20
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	2376.63	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	85.70
10-20	242.22
20-30	356.90
30-40	414.67
40-50	415.13
50-60	365.68
60-70	277.21
70-80	166.01
80-90	53.09
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

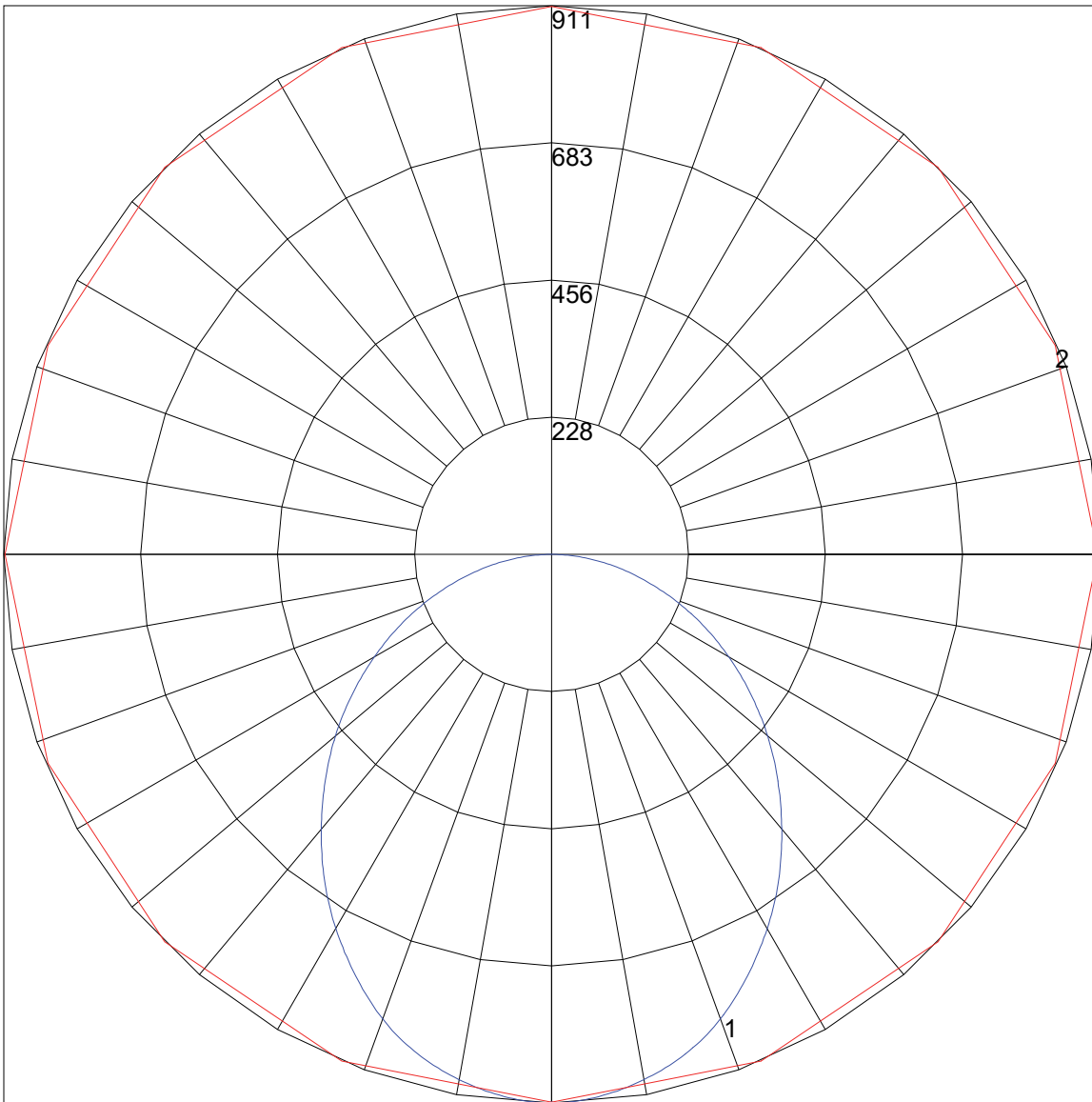
IES INDOOR REPORT
PHOTOMETRIC FILENAME : HCB01-4-BS35-ND-R-SM-SN-AW-GEN2.IES

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	100	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	74	79	75	72	70
3	90	80	72	65	88	78	71	65	75	69	63	72	67	62	70	65	61	59
4	83	71	62	55	80	69	61	55	67	60	54	65	58	53	62	57	53	51
5	76	63	54	48	74	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	69	56	48	42	54	47	41	53	46	41	51	45	41	39
7	65	52	43	37	64	51	43	37	50	42	37	48	41	36	47	41	36	34
8	61	47	39	33	59	47	39	33	45	38	33	44	38	33	43	37	32	31
9	57	44	35	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

POLAR GRAPH



Maximum Candela = 911.304 Located At Horizontal Angle = 67.5, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)