

IES INDOOR REPORT

PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] I65-1-SOSC-10-5-PCMD-z-z

[TESTLAB] Bay Area Compliance Labs Corp. (FOR CURRENT)

[TESTDATE] 2025-1-2

[ISSUEDATE] 2025-01-24 14:27:49

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] COLUMBIA LIGHTING

[LUMCAT] C65-1-LSSC-ED-2-PCMD_4000K

[LUMINAIRE] C65-LSCS Linear High Bay, Size 2, Switchable Lumen & CCT, 120-277V

[BALLASTCAT] LF-FCA320

[_SEARCH_SOURCETYPE] LED

[_SEARCH_APPLICATION] Indoor Ambient Direct

[_SEARCH_MOUNTING] Surface, Suspended

[_SEARCH_COLOR TEMP] 4000K

[_SEARCH_CRI] 80

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	1422.07	1422.07	4.30	4.30
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[OTHER]	10- 20	4098.50	5520.57	16.68	16.68
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[OTHER]	20- 30	6258.74	11779.32	35.59	35.59
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[OTHER]	30- 40	7316.46	19095.77	57.70	57.70
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[OTHER]	40- 50	6565.18	25660.95	77.53	77.53
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[OTHER]	50- 60	4306.16	29967.11	90.54	90.54
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[OTHER]	60- 70	2132.89	32100.00	96.99	96.99
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[OTHER]	70- 80	821.61	32921.61	99.47	99.47
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[OTHER]	80- 90	154.84	33076.46	99.94	99.94
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[OTHER]	90-100	1.10	33077.56	99.94	99.94
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[OTHER]	100-110	1.04	33078.60	99.94	99.94
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[OTHER]	110-120	1.80	33080.40	99.95	99.95
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[OTHER]	120-130	2.85	33083.25	99.96	99.96
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[OTHER]	130-140	3.63	33086.88	99.97	99.97
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[OTHER]	140-150	3.82	33090.70	99.98	99.98
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[OTHER]	150-160	3.38	33094.08	99.99	99.99
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[OTHER]	160-170	2.15	33096.22	100.00	100.00
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[OTHER]	170-180	0.61	33096.83	100.00	100.00
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[OTHER]

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CHARACTERISTICS

Lumens Per Lamp	33097 (1 lamp)
Total Lamp Lumens	33097
Luminaire Lumens	33098
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	161
Total Luminaire Watts	206.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.38
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.28 m
Luminous Width (90-270)	0.55 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	84123	90448	68758
55	53837	69224	39737
65	30516	43641	21382
75	18264	23970	12474
85	9256	9283	5693

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CANDELA TABULATION

	<u>0</u>	<u>15</u>	<u>30</u>	<u>45</u>	<u>60</u>	<u>75</u>	<u>90</u>	<u>105</u>	<u>120</u>	<u>135</u>
0	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89
1	15063.77	15111.70	15128.65	15135.32	15090.09	15074.19	15022.97	15018.71	15028.28	14966.71
2	15177.88	15167.37	15233.35	15245.62	15127.71	15084.12	15071.03	15054.57	15001.23	14893.65
3	15277.77	15240.50	15287.13	15330.23	15205.09	15140.20	15118.27	15045.66	14952.77	14832.95
4	15366.19	15369.07	15352.90	15368.38	15275.54	15188.14	15116.01	15025.30	14916.60	14814.44
5	15440.11	15471.31	15462.33	15413.88	15290.79	15215.20	15091.88	14973.80	14892.16	14772.82
6	15468.40	15555.88	15556.31	15503.76	15342.08	15222.17	15048.18	14933.13	14839.03	14702.60
7	15521.13	15588.59	15628.05	15574.06	15383.32	15183.48	15048.08	14916.41	14774.61	14610.92
8	15621.14	15632.88	15687.62	15624.98	15407.68	15194.01	15043.64	14858.32	14679.33	14553.38
9	15643.56	15727.67	15737.64	15622.28	15417.84	15195.91	14992.18	14795.40	14611.35	14497.73
10	15722.06	15791.85	15777.50	15623.83	15386.67	15173.38	14915.72	14725.46	14554.52	14411.13
11	15721.68	15838.03	15811.45	15675.93	15356.11	15110.77	14831.78	14649.38	14468.34	14298.25
12	15779.11	15820.75	15833.80	15695.40	15378.24	15052.38	14792.37	14565.72	14355.37	14199.76
13	15808.58	15863.20	15802.34	15696.64	15373.35	15040.81	14748.73	14466.68	14265.62	14146.80
14	15817.70	15885.79	15819.49	15642.16	15344.60	15008.12	14669.71	14350.11	14183.36	14059.26
15	15773.42	15889.57	15823.90	15598.27	15308.54	14958.67	14567.04	14257.26	14080.33	13952.90
16	15746.08	15883.39	15808.39	15591.98	15230.06	14858.70	14461.32	14179.75	13970.24	13813.98
17	15767.35	15820.86	15776.76	15566.01	15183.71	14769.22	14396.57	14073.61	13850.79	13702.15
18	15748.20	15809.33	15699.86	15517.40	15138.81	14732.86	14339.41	13960.45	13714.53	13624.31
19	15710.15	15780.80	15654.56	15421.03	15073.58	14679.61	14247.49	13836.91	13603.11	13514.34
20	15653.53	15730.68	15600.11	15353.10	14965.89	14604.76	14134.83	13723.89	13493.98	13386.07
21	15545.95	15617.62	15522.10	15246.49	14863.36	14491.32	14026.64	13629.64	13362.43	13258.37
22	15499.47	15523.79	15432.79	15160.71	14799.02	14422.18	13951.40	13504.09	13202.82	13122.31
23	15420.47	15466.92	15326.55	15071.75	14688.94	14337.08	13837.46	13363.18	13062.62	12984.77
24	15320.75	15382.18	15209.44	14927.45	14601.11	14237.99	13698.00	13239.89	12951.38	12833.94
25	15158.97	15264.19	15082.48	14804.39	14469.36	14127.34	13549.58	13127.15	12829.77	12682.87
26	15019.71	15130.78	14934.70	14685.17	14324.03	14004.08	13437.58	12985.04	12678.57	12510.29
27	14912.87	14941.83	14775.92	14536.20	14219.30	13836.67	13312.69	12827.87	12506.35	12369.69
28	14768.64	14797.73	14562.80	14379.06	14088.70	13697.41	13147.71	12643.97	12354.11	12218.49
29	14591.45	14635.28	14392.22	14175.86	13932.55	13546.63	12957.05	12446.79	12204.38	12051.52
30	14354.71	14442.97	14210.77	14003.14	13730.35	13365.10	12749.88	12279.78	12025.00	11876.36
31	14128.41	14195.76	14003.17	13823.25	13552.89	13134.35	12558.69	12092.30	11835.03	11705.17
32	13893.39	13943.92	13748.37	13625.98	13371.37	12926.17	12327.22	11859.61	11632.12	11521.27
33	13675.00	13727.75	13484.83	13383.78	13163.12	12701.43	12068.42	11606.66	11402.00	11333.46
34	13416.48	13470.54	13260.19	13163.82	12899.18	12450.27	11780.34	11350.79	11187.98	11129.40
35	13125.83	13190.89	13013.48	12941.18	12631.66	12154.76	11468.50	11103.30	10968.53	10913.43
36	12814.74	12846.68	12732.77	12699.23	12403.11	11841.14	11180.71	10813.97	10717.73	10715.08
37	12483.62	12507.99	12441.62	12441.97	12136.73	11552.41	10869.25	10510.09	10441.22	10508.76
38	12129.66	12188.62	12109.36	12141.47	11850.69	11240.34	10519.56	10178.09	10176.40	10279.32
39	11732.68	11847.64	11769.89	11836.01	11513.67	10886.92	10145.47	9821.89	9904.96	10042.55
40	11337.65	11477.45	11463.45	11561.80	11176.37	10490.47	9741.86	9463.51	9610.51	9798.80
41	10971.51	11065.41	11142.44	11279.60	10858.57	10085.87	9325.13	9113.11	9302.73	9534.51
42	10567.36	10678.58	10773.75	10967.41	10519.51	9696.09	8917.85	8715.21	8968.61	9286.78
43	10152.21	10280.37	10417.85	10623.27	10158.85	9281.12	8469.20	8306.24	8641.28	9032.20
44	9691.29	9860.98	10065.16	10292.01	9757.42	8839.53	8026.05	7889.81	8311.68	8756.42
45	9264.09	9408.07	9695.46	9960.54	9350.32	8376.78	7571.97	7471.32	7957.63	8458.91
46	8820.33	8957.25	9294.79	9608.31	8955.71	7920.89	7120.94	7044.26	7590.08	8164.23
47	8367.35	8534.97	8901.08	9231.41	8555.31	7479.13	6675.80	6615.74	7210.12	7887.74
48	7909.16	8104.84	8533.74	8846.59	8120.97	7032.36	6234.43	6195.79	6836.74	7598.18
49	7423.04	7653.36	8152.82	8482.14	7681.12	6574.95	5794.78	5797.69	6469.57	7285.04
50	6971.19	7200.24	7769.86	8120.64	7260.13	6114.56	5359.91	5403.65	6106.28	6955.45
51	6526.22	6744.90	7363.65	7738.93	6852.36	5670.26	4971.07	5020.40	5744.76	6637.62
52	6080.01	6301.51	6958.54	7334.65	6443.49	5243.39	4582.22	4637.15	5376.80	6312.20
53	5630.65	5889.18	6583.24	6945.51	6032.37	4838.17	4194.55	4255.40	5038.75	5982.54

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

54	5215.80	5471.31	6212.17	6567.87	5606.30	4456.57	3856.12	3928.88	4700.70	5643.07
55	4809.20	5070.41	5836.37	6183.71	5201.44	4102.85	3549.70	3623.86	4363.02	5319.06
56	4441.19	4678.77	5455.63	5812.27	4824.04	3770.29	3259.47	3328.09	4038.71	5017.48
57	4078.40	4315.73	5084.08	5443.87	4456.35	3462.67	2986.54	3051.07	3728.62	4715.90
58	3733.46	3972.04	4736.25	5084.42	4110.38	3173.95	2732.35	2801.83	3443.22	4414.01
59	3412.87	3645.13	4401.08	4735.15	3780.31	2901.91	2492.74	2569.07	3172.34	4103.50
60	3130.98	3341.93	4065.66	4393.06	3480.67	2646.71	2271.58	2350.70	2916.49	3813.15
61	2864.61	3064.19	3740.84	4061.28	3199.64	2410.10	2074.79	2144.68	2677.02	3527.16
62	2617.63	2801.97	3424.47	3726.66	2926.20	2212.87	1886.27	1952.16	2454.67	3244.59
63	2384.89	2560.15	3133.52	3422.53	2664.07	2016.69	1716.55	1782.40	2245.75	2976.37
64	2196.63	2325.17	2866.81	3146.41	2425.59	1820.51	1553.56	1626.42	2049.20	2722.78
65	2008.54	2141.94	2613.81	2872.37	2223.12	1637.46	1407.32	1474.73	1868.78	2489.59
66	1820.45	1958.91	2377.41	2622.33	2020.88	1474.56	1272.05	1332.01	1704.41	2276.04
67	1658.60	1775.87	2176.12	2381.49	1818.64	1331.04	1156.65	1204.72	1547.47	2071.80
68	1507.71	1617.67	1975.02	2173.40	1629.97	1202.34	1046.14	1092.11	1396.13	1876.73
69	1371.23	1468.57	1773.93	1965.31	1460.12	1086.37	948.59	991.68	1254.77	1696.80
70	1247.69	1330.30	1597.44	1757.23	1305.01	979.39	863.06	900.24	1126.06	1529.81
71	1132.44	1207.88	1437.07	1582.88	1168.43	886.84	779.87	814.91	1010.62	1382.08
72	1021.80	1092.47	1289.24	1411.87	1043.34	797.99	700.32	732.45	910.36	1242.71
73	918.55	982.77	1152.33	1253.92	935.92	712.80	629.24	657.04	819.79	1106.82
74	826.17	879.02	1019.15	1102.93	833.48	633.28	560.52	588.38	732.92	974.39
75	736.20	781.92	894.56	966.18	734.05	559.12	502.80	528.31	646.88	855.29
76	655.54	691.62	783.26	850.78	642.46	497.21	445.07	468.24	566.68	753.23
77	578.99	608.51	684.84	741.88	559.19	432.66	387.49	408.25	501.93	662.50
78	506.39	529.15	594.61	639.27	485.70	373.57	337.56	353.65	437.19	578.73
79	442.35	456.86	509.98	539.63	409.16	321.92	288.63	305.91	372.61	494.96
80	380.55	389.07	427.82	456.53	346.27	270.65	247.62	258.98	317.81	411.46
81	323.70	330.67	358.35	371.33	284.07	226.79	205.33	217.03	262.19	338.65
82	270.29	275.18	295.41	298.48	230.76	185.23	167.05	175.83	214.76	273.52
83	222.05	225.05	236.99	232.92	181.78	143.70	131.49	139.75	168.88	214.53
84	173.85	174.88	185.84	179.30	132.84	105.94	97.96	104.56	127.04	161.13
85	125.64	124.72	134.81	126.00	90.75	72.29	77.28	81.77	96.62	113.09
86	85.96	84.46	83.78	72.71	54.78	46.56	56.61	58.97	66.20	90.42
87	49.76	47.97	45.94	36.32	35.79	36.66	35.95	36.51	35.82	67.74
88	20.85	19.86	19.04	21.33	21.71	14.06	23.94	24.34	23.90	45.07
89	15.33	15.03	14.00	16.09	16.25	10.31	11.93	12.16	11.98	22.39
90	10.43	10.22	9.52	10.95	11.02	7.05	0.29	0.32	0.38	0.41
91	5.52	5.40	5.04	5.80	5.78	3.79	0.31	0.34	0.40	0.43
92	0.61	0.58	0.56	0.65	0.54	0.53	0.33	0.37	0.44	0.46
93	0.60	0.60	0.57	0.54	0.53	0.55	0.35	0.40	0.47	0.50
94	0.61	0.61	0.58	0.57	0.57	0.60	0.38	0.44	0.52	0.54
95	0.63	0.63	0.60	0.59	0.61	0.64	0.42	0.48	0.56	0.58
96	0.65	0.65	0.62	0.63	0.64	0.69	0.46	0.52	0.61	0.62
97	0.66	0.66	0.63	0.66	0.68	0.73	0.49	0.56	0.66	0.65
98	0.68	0.69	0.65	0.68	0.73	0.78	0.53	0.61	0.69	0.68
99	0.68	0.70	0.66	0.70	0.77	0.83	0.58	0.65	0.73	0.71
100	0.67	0.71	0.67	0.73	0.82	0.88	0.63	0.70	0.78	0.76
101	0.66	0.72	0.68	0.76	0.85	0.93	0.67	0.75	0.84	0.82
102	0.67	0.72	0.69	0.80	0.89	0.98	0.74	0.82	0.91	0.89
103	0.69	0.72	0.70	0.80	0.92	1.03	0.81	0.90	1.00	0.96
104	0.71	0.73	0.71	0.80	0.96	1.08	0.89	0.99	1.09	1.04
105	0.68	0.75	0.69	0.83	0.99	1.13	0.98	1.08	1.18	1.13
106	0.70	0.74	0.67	0.88	1.03	1.18	1.07	1.17	1.28	1.22
107	0.73	0.72	0.70	0.98	1.07	1.22	1.17	1.28	1.38	1.31
108	0.74	0.76	0.73	1.05	1.13	1.26	1.29	1.40	1.49	1.39
109	0.77	0.80	0.76	1.10	1.18	1.30	1.43	1.52	1.61	1.48

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CANDELA TABULATION - (Cont.)

110	0.81	0.88	0.79	1.14	1.19	1.35	1.55	1.65	1.74	1.58
111	0.87	1.00	0.82	1.19	1.19	1.39	1.69	1.79	1.87	1.68
112	0.90	1.04	0.85	1.24	1.19	1.44	1.84	1.94	2.00	1.80
113	0.89	1.05	0.88	1.29	1.24	1.49	1.99	2.10	2.14	1.92
114	0.86	1.06	0.91	1.34	1.30	1.55	2.15	2.28	2.28	2.07
115	0.83	1.08	0.95	1.38	1.39	1.63	2.36	2.45	2.44	2.21
116	0.84	1.12	1.00	1.42	1.51	1.71	2.57	2.63	2.59	2.38
117	0.91	1.16	1.06	1.47	1.65	1.80	2.76	2.84	2.76	2.54
118	0.99	1.21	1.13	1.52	1.76	1.89	2.96	3.04	2.95	2.71
119	1.02	1.28	1.20	1.56	1.84	1.94	3.13	3.23	3.16	2.94
120	1.06	1.24	1.27	1.60	1.90	1.98	3.34	3.44	3.38	3.17
121	1.13	1.29	1.39	1.64	1.96	2.01	3.60	3.71	3.62	3.42
122	1.15	1.38	1.53	1.68	2.01	2.05	3.90	4.02	3.85	3.67
123	1.19	1.53	1.62	1.72	2.07	2.11	4.23	4.33	4.09	3.91
124	1.24	1.66	1.69	1.77	2.13	2.21	4.57	4.62	4.33	4.14
125	1.32	1.78	1.75	1.83	2.21	2.30	4.89	4.89	4.62	4.38
126	1.40	1.88	1.82	1.91	2.27	2.39	5.18	5.15	4.89	4.63
127	1.50	1.96	1.89	2.03	2.34	2.48	5.47	5.40	5.17	4.87
128	1.59	2.02	1.96	2.14	2.41	2.59	5.76	5.64	5.43	5.08
129	1.68	2.07	2.05	2.24	2.48	2.68	5.99	5.87	5.69	5.28
130	1.76	2.13	2.16	2.30	2.54	2.76	6.22	6.12	5.91	5.49
131	1.85	2.18	2.29	2.35	2.59	2.85	6.42	6.37	6.15	5.70
132	1.93	2.23	2.43	2.38	2.66	2.91	6.63	6.62	6.34	5.89
133	2.01	2.27	2.56	2.43	2.74	2.95	6.87	6.83	6.50	6.11
134	2.09	2.32	2.68	2.51	2.82	3.01	7.10	7.00	6.68	6.36
135	2.16	2.38	2.79	2.61	2.90	3.06	7.28	7.18	6.85	6.61
136	2.21	2.45	2.89	2.74	2.98	3.12	7.48	7.38	7.06	6.85
137	2.26	2.53	2.97	2.88	3.06	3.19	7.64	7.57	7.27	7.09
138	2.31	2.61	3.04	3.04	3.15	3.29	7.87	7.75	7.48	7.31
139	2.38	2.70	3.09	3.16	3.25	3.41	8.12	7.94	7.75	7.53
140	2.44	2.79	3.15	3.26	3.35	3.51	8.41	8.15	8.00	7.74
141	2.51	2.88	3.22	3.36	3.45	3.60	8.67	8.40	8.22	7.95
142	2.59	2.99	3.30	3.44	3.57	3.68	8.97	8.67	8.44	8.14
143	2.68	3.11	3.39	3.53	3.69	3.78	9.24	8.95	8.64	8.35
144	2.78	3.24	3.50	3.62	3.79	3.87	9.49	9.19	8.85	8.56
145	2.89	3.36	3.61	3.71	3.87	3.95	9.72	9.46	9.08	8.74
146	3.02	3.47	3.72	3.80	3.94	4.03	9.95	9.73	9.29	8.89
147	3.16	3.59	3.82	3.89	4.00	4.09	10.21	9.97	9.46	9.02
148	3.30	3.72	3.93	3.99	4.05	4.17	10.38	10.18	9.58	9.17
149	3.45	3.84	4.03	4.08	4.09	4.25	10.54	10.38	9.72	9.32
150	3.59	3.95	4.15	4.19	4.13	4.32	10.75	10.54	9.83	9.42
151	3.74	4.05	4.26	4.30	4.17	4.39	10.89	10.69	9.91	9.49
152	3.90	4.13	4.35	4.41	4.23	4.45	11.03	10.81	9.97	9.55
153	4.06	4.22	4.42	4.53	4.31	4.51	11.10	10.90	10.07	9.63
154	4.21	4.30	4.51	4.63	4.39	4.55	11.25	11.01	10.17	9.69
155	4.37	4.38	4.60	4.73	4.47	4.59	11.37	11.17	10.26	9.75
156	4.54	4.46	4.68	4.82	4.57	4.65	11.53	11.33	10.34	9.76
157	4.69	4.52	4.75	4.90	4.67	4.69	11.72	11.50	10.38	9.82
158	4.85	4.60	4.81	4.99	4.77	4.71	11.85	11.62	10.42	9.88
159	5.00	4.69	4.87	5.01	4.87	4.76	12.01	11.70	10.48	9.86
160	5.10	4.78	4.93	5.02	4.97	4.81	12.10	11.82	10.53	9.81
161	5.21	4.88	4.97	5.04	5.02	4.86	12.09	11.87	10.50	9.73
162	5.31	4.97	5.01	5.03	5.05	4.87	12.06	11.88	10.45	9.63
163	5.38	5.02	5.03	5.01	5.06	4.87	11.95	11.77	10.37	9.52
164	5.45	5.05	5.04	4.98	5.03	4.84	11.71	11.58	10.25	9.38
165	5.49	5.03	5.03	4.95	4.97	4.80	11.53	11.36	10.08	9.24

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

166	5.52	5.00	5.00	4.90	4.91	4.75	11.23	11.03	9.89	9.11
167	5.52	4.95	4.91	4.81	4.84	4.65	10.83	10.69	9.68	9.01
168	5.47	4.89	4.82	4.69	4.72	4.55	10.48	10.31	9.45	8.86
169	5.39	4.82	4.74	4.60	4.59	4.41	10.01	9.90	9.22	8.64
170	5.33	4.75	4.68	4.53	4.48	4.30	9.63	9.55	9.02	8.46
171	5.25	4.69	4.64	4.45	4.43	4.21	9.16	9.10	8.69	8.23
172	5.10	4.66	4.59	4.34	4.36	4.08	8.72	8.69	8.39	8.05
173	4.96	4.60	4.59	4.30	4.26	3.99	8.37	8.33	8.13	7.83
174	4.78	4.45	4.64	4.26	4.21	3.85	7.92	7.90	7.78	7.61
175	4.74	4.54	4.82	4.42	4.38	3.96	7.73	7.71	7.60	7.43
176	4.91	4.64	5.08	4.76	4.75	4.24	7.52	7.51	7.43	7.33
177	5.20	4.80	5.34	5.24	5.16	4.63	7.31	7.35	7.31	7.24
178	5.21	5.00	5.51	5.61	5.66	5.21	7.18	7.18	7.14	7.24
179	5.22	5.20	5.68	5.97	6.15	5.79	7.24	7.23	6.86	7.12
180	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23

**Vert.
Angles**

Horizontal Angles

	<u>150</u>	<u>165</u>	<u>180</u>	<u>195</u>	<u>210</u>	<u>225</u>	<u>240</u>	<u>255</u>	<u>270</u>	<u>285</u>
0	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89	15014.89
1	14929.58	14981.94	14921.71	14900.64	14884.66	14941.70	14928.30	14941.75	14990.64	15015.60
2	14898.51	14900.50	14815.90	14778.20	14802.75	14877.92	14832.52	14866.79	14942.24	14993.91
3	14836.99	14809.90	14686.55	14723.52	14735.99	14773.74	14725.60	14783.10	14853.95	14960.20
4	14756.48	14687.83	14612.30	14624.37	14625.52	14655.94	14610.44	14696.33	14797.33	14894.85
5	14646.91	14617.84	14569.83	14523.10	14510.78	14532.54	14540.70	14606.21	14741.24	14818.47
6	14585.38	14587.25	14485.23	14425.63	14388.91	14450.45	14426.32	14491.94	14671.51	14790.20
7	14550.61	14517.32	14394.37	14317.48	14315.80	14332.63	14296.04	14376.46	14597.08	14764.54
8	14491.57	14429.99	14280.36	14208.39	14214.33	14206.35	14158.32	14311.55	14482.41	14685.47
9	14412.62	14325.66	14246.28	14155.29	14108.34	14082.98	14059.81	14212.36	14408.01	14631.81
10	14312.90	14259.12	14169.25	14064.13	14003.80	14000.48	13982.41	14110.05	14347.00	14598.13
11	14266.68	14228.98	14085.37	13956.43	13899.29	13884.12	13868.06	14014.28	14277.30	14551.04
12	14190.65	14152.03	13992.19	13840.91	13794.94	13764.45	13745.17	13921.97	14179.19	14501.41
13	14103.16	14066.92	13886.95	13790.08	13683.48	13636.82	13629.10	13836.11	14093.38	14433.17
14	14007.67	13949.21	13843.92	13694.23	13558.75	13497.61	13559.22	13752.88	14055.78	14360.14
15	13880.41	13909.80	13757.82	13579.71	13419.93	13409.87	13462.76	13664.89	14014.91	14334.75
16	13791.87	13821.23	13660.17	13446.89	13323.13	13326.64	13365.49	13567.24	13962.80	14321.24
17	13733.69	13720.79	13543.83	13361.87	13235.00	13213.93	13259.15	13475.68	13877.45	14284.28
18	13631.57	13586.10	13489.51	13292.97	13116.24	13086.73	13157.82	13432.40	13792.51	14218.99
19	13513.35	13498.12	13392.83	13180.86	12980.88	12975.82	13096.37	13348.50	13749.53	14165.45
20	13362.18	13438.93	13289.57	13068.86	12833.96	12896.72	12999.13	13258.68	13695.99	14133.15
21	13247.00	13334.99	13181.32	12954.74	12728.85	12784.94	12897.69	13147.51	13622.82	14075.77
22	13156.83	13223.56	13063.32	12833.56	12635.92	12672.68	12788.46	13037.97	13538.91	14006.79
23	13037.76	13109.96	12929.51	12709.87	12507.65	12535.73	12665.32	12966.16	13422.31	13904.42
24	12900.04	12991.51	12846.47	12585.84	12364.39	12396.82	12541.11	12860.85	13323.67	13789.86
25	12733.13	12867.52	12725.17	12455.69	12208.51	12289.62	12444.24	12740.84	13230.65	13710.76
26	12614.10	12733.65	12595.18	12319.74	12094.36	12193.34	12298.76	12614.88	13110.69	13622.82
27	12454.99	12589.40	12446.27	12171.65	11984.53	12057.11	12153.14	12477.63	12982.53	13507.63
28	12269.53	12413.12	12278.30	12023.14	11842.68	11908.08	12042.42	12329.17	12834.06	13354.11
29	12094.81	12298.70	12160.33	11861.62	11688.98	11754.38	11893.70	12169.70	12672.66	13202.03
30	11932.65	12129.98	11994.40	11684.82	11524.69	11623.55	11726.74	11981.53	12492.95	13050.92
31	11790.19	11952.15	11814.52	11484.70	11391.51	11461.67	11552.10	11784.87	12296.36	12873.05
32	11612.25	11754.94	11612.02	11330.81	11224.14	11280.71	11360.38	11610.05	12059.76	12647.27
33	11419.36	11520.43	11386.87	11127.83	11031.08	11085.49	11161.51	11390.35	11821.12	12424.94
34	11210.93	11316.51	11203.43	10919.92	10826.57	10923.19	10989.53	11157.40	11583.53	12200.48
35	10981.38	11124.44	10973.07	10695.11	10646.27	10763.19	10776.58	10905.49	11309.87	11941.98
36	10787.98	10880.37	10712.32	10455.13	10471.20	10562.66	10536.25	10640.50	11020.72	11661.56

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

37	10563.86	10617.59	10428.50	10202.16	10252.48	10346.37	10277.74	10356.05	10682.50	11360.54
38	10317.42	10327.03	10181.05	9930.50	10017.73	10113.28	10047.49	10057.25	10353.48	11020.73
39	10041.54	10066.80	9884.47	9631.35	9759.39	9906.94	9807.65	9737.75	10011.73	10676.49
40	9788.88	9777.00	9578.39	9344.72	9520.91	9698.70	9538.02	9391.94	9643.62	10327.74
41	9551.24	9457.96	9252.85	9058.73	9279.21	9457.85	9244.63	9036.90	9237.05	9962.38
42	9276.98	9131.52	8908.58	8771.69	9036.02	9200.61	8945.24	8696.10	8809.80	9559.72
43	8971.96	8762.90	8540.19	8446.74	8750.33	8929.34	8669.61	8309.44	8396.36	9130.62
44	8673.51	8426.95	8205.78	8107.19	8462.65	8681.31	8356.90	7909.93	7959.14	8694.11
45	8380.62	8091.84	7834.73	7747.53	8193.09	8433.36	8027.13	7476.94	7502.70	8257.44
46	8093.92	7726.01	7450.52	7405.63	7895.10	8155.37	7676.17	7065.46	7022.92	7786.31
47	7787.47	7354.84	7060.31	7074.75	7589.24	7861.50	7345.02	6658.95	6571.30	7302.18
48	7465.88	6969.69	6699.07	6714.11	7271.78	7559.62	7001.99	6237.60	6138.93	6831.51
49	7130.32	6615.09	6313.48	6351.66	6939.42	7277.75	6663.18	5828.65	5694.60	6382.43
50	6819.31	6243.49	5931.69	5983.47	6636.04	6996.51	6290.58	5422.04	5267.14	5938.36
51	6495.62	5869.25	5541.16	5639.30	6334.60	6689.79	5935.45	5040.62	4846.00	5493.42
52	6163.02	5489.91	5186.65	5308.29	6013.94	6376.14	5584.51	4659.21	4457.57	5063.71
53	5834.65	5156.57	4849.04	4976.68	5692.89	6060.53	5249.63	4278.82	4096.28	4654.58
54	5498.62	4823.22	4511.62	4645.06	5370.42	5762.49	4910.40	3936.48	3763.26	4276.74
55	5188.84	4490.04	4181.15	4314.10	5074.34	5449.86	4571.16	3612.25	3449.96	3941.38
56	4879.08	4163.61	3855.80	4012.94	4778.25	5147.31	4232.83	3328.71	3162.21	3614.43
57	4569.31	3847.04	3558.39	3728.70	4482.15	4844.76	3926.83	3066.64	2900.08	3312.56
58	4259.84	3557.74	3290.28	3450.39	4184.03	4542.73	3633.03	2817.87	2662.00	3038.65
59	3959.02	3290.13	3025.67	3182.40	3896.75	4256.91	3357.70	2580.94	2437.83	2788.73
60	3679.23	3031.05	2780.21	2927.59	3633.59	3961.82	3098.27	2359.81	2243.82	2551.94
61	3400.71	2785.08	2547.22	2705.88	3365.34	3675.43	2854.08	2161.38	2050.63	2336.01
62	3130.65	2549.04	2343.31	2489.97	3107.52	3391.68	2632.78	1978.53	1857.44	2134.58
63	2866.66	2343.15	2149.54	2288.83	2858.23	3134.86	2420.41	1807.90	1698.46	1933.50
64	2632.08	2148.64	1969.79	2096.72	2628.35	2881.81	2215.31	1648.29	1549.30	1764.16
65	2409.71	1967.19	1799.30	1928.96	2414.77	2643.68	2025.77	1499.98	1403.91	1599.82
66	2197.85	1798.92	1650.29	1769.51	2209.02	2420.16	1849.16	1364.92	1277.43	1448.38
67	2004.08	1640.38	1516.31	1622.35	2013.79	2207.90	1684.45	1241.11	1169.88	1313.92
68	1822.17	1501.41	1386.69	1483.62	1832.23	2016.21	1527.08	1134.23	1072.08	1196.13
69	1647.94	1367.50	1265.05	1351.58	1672.31	1835.67	1377.41	1035.26	980.89	1089.79
70	1493.74	1244.34	1149.81	1235.78	1516.74	1663.57	1242.34	941.92	892.37	989.71
71	1349.33	1126.69	1044.31	1126.83	1374.72	1501.85	1122.22	859.35	811.78	897.70
72	1210.27	1016.50	950.44	1021.14	1237.45	1350.67	1014.10	779.51	735.51	809.93
73	1076.48	919.59	859.98	922.34	1111.13	1213.68	914.19	701.59	664.84	728.67
74	948.99	823.62	770.02	828.53	993.27	1082.41	820.15	628.55	599.56	654.87
75	836.77	729.84	687.53	739.64	877.57	956.02	729.72	564.91	536.95	585.45
76	735.11	646.83	616.54	661.33	774.59	841.92	644.38	508.31	479.77	521.45
77	641.35	568.93	551.92	586.19	679.56	740.10	567.50	451.71	425.31	461.40
78	564.02	504.05	487.29	519.01	591.33	650.59	501.75	395.15	372.04	402.20
79	486.69	439.17	422.75	451.83	517.76	567.07	436.01	343.03	324.74	348.89
80	409.65	374.45	364.40	384.93	444.19	483.54	370.50	296.24	278.69	299.32
81	342.89	316.16	309.89	328.23	370.87	400.23	314.17	250.15	236.99	252.70
82	281.80	264.34	260.54	274.34	308.46	326.41	257.89	208.26	200.29	213.13
83	226.16	214.67	213.06	225.29	251.10	264.67	209.03	170.41	163.67	173.68
84	171.63	166.84	166.63	177.49	197.91	203.61	164.20	134.34	127.05	134.22
85	124.14	121.54	123.85	132.58	147.30	151.13	122.46	99.96	94.00	99.41
86	99.25	97.17	89.70	97.19	103.02	104.64	93.29	78.77	64.80	68.05
87	74.37	72.79	55.55	61.80	66.88	67.81	64.12	57.58	45.20	45.30
88	49.48	48.42	21.70	26.64	31.09	31.33	35.18	36.52	36.47	35.93
89	24.59	24.05	10.86	13.33	20.80	20.96	23.53	24.39	18.85	18.64
90	0.39	0.35	0.35	0.39	10.51	10.59	11.87	12.27	1.06	1.16
91	0.41	0.37	0.36	0.38	0.43	0.42	0.37	0.32	0.53	0.57
92	0.43	0.39	0.38	0.41	0.45	0.45	0.40	0.34	0.54	0.59

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

93	0.46	0.41	0.40	0.43	0.47	0.48	0.43	0.37	0.58	0.64
94	0.49	0.43	0.42	0.46	0.51	0.51	0.46	0.39	0.62	0.68
95	0.52	0.45	0.45	0.48	0.54	0.55	0.50	0.43	0.67	0.73
96	0.54	0.47	0.46	0.50	0.56	0.59	0.54	0.47	0.72	0.78
97	0.56	0.48	0.48	0.51	0.58	0.63	0.58	0.51	0.78	0.84
98	0.57	0.50	0.50	0.53	0.60	0.66	0.63	0.55	0.83	0.89
99	0.60	0.51	0.52	0.55	0.62	0.70	0.67	0.60	0.88	0.95
100	0.63	0.54	0.55	0.58	0.65	0.74	0.72	0.65	0.93	1.00
101	0.68	0.58	0.59	0.62	0.69	0.80	0.78	0.70	0.98	1.04
102	0.74	0.64	0.65	0.67	0.74	0.86	0.85	0.77	1.03	1.09
103	0.81	0.70	0.71	0.74	0.81	0.95	0.93	0.85	1.08	1.13
104	0.87	0.78	0.78	0.81	0.89	1.03	1.02	0.94	1.12	1.16
105	0.91	0.86	0.86	0.88	0.95	1.12	1.11	1.03	1.17	1.21
106	0.90	0.92	0.95	0.94	0.98	1.21	1.21	1.13	1.22	1.25
107	0.90	0.95	1.03	0.98	0.99	1.32	1.32	1.24	1.28	1.30
108	0.95	0.95	1.04	0.97	1.03	1.42	1.43	1.35	1.34	1.34
109	1.08	0.99	1.02	0.98	1.13	1.52	1.55	1.49	1.38	1.40
110	1.24	1.10	1.09	1.05	1.28	1.61	1.69	1.63	1.43	1.45
111	1.41	1.23	1.24	1.18	1.43	1.71	1.84	1.78	1.47	1.50
112	1.60	1.36	1.40	1.32	1.61	1.83	1.99	1.94	1.52	1.56
113	1.79	1.53	1.55	1.48	1.80	1.97	2.13	2.10	1.55	1.62
114	1.96	1.75	1.72	1.69	1.97	2.13	2.27	2.30	1.59	1.67
115	2.11	1.95	1.95	1.91	2.14	2.30	2.43	2.49	1.63	1.72
116	2.25	2.10	2.10	2.09	2.31	2.46	2.60	2.69	1.66	1.77
117	2.42	2.27	2.28	2.26	2.49	2.62	2.78	2.88	1.70	1.83
118	2.59	2.40	2.46	2.44	2.66	2.81	2.98	3.08	1.74	1.89
119	2.79	2.54	2.64	2.62	2.84	3.01	3.20	3.26	1.78	1.95
120	3.00	2.67	2.75	2.75	3.03	3.23	3.45	3.49	1.83	2.01
121	3.21	2.81	2.81	2.88	3.24	3.49	3.73	3.76	1.88	2.08
122	3.40	2.91	2.85	3.02	3.48	3.73	4.00	4.06	1.94	2.14
123	3.60	3.01	2.91	3.17	3.73	3.97	4.26	4.39	2.00	2.21
124	3.79	3.15	3.04	3.36	3.98	4.21	4.52	4.71	2.07	2.27
125	3.98	3.41	3.26	3.65	4.24	4.45	4.79	4.99	2.14	2.31
126	4.20	3.78	3.53	4.08	4.49	4.72	5.06	5.27	2.21	2.36
127	4.43	4.20	4.01	4.48	4.76	4.97	5.33	5.54	2.28	2.41
128	4.68	4.55	4.49	4.82	5.03	5.23	5.58	5.82	2.36	2.45
129	4.91	4.76	4.87	5.07	5.27	5.46	5.81	6.11	2.43	2.49
130	5.15	4.94	5.08	5.28	5.47	5.71	6.02	6.36	2.53	2.53
131	5.38	5.13	5.23	5.51	5.67	5.93	6.23	6.58	2.62	2.59
132	5.58	5.29	5.34	5.74	5.87	6.15	6.44	6.81	2.70	2.62
133	5.80	5.41	5.42	5.94	6.04	6.38	6.66	7.00	2.73	2.66
134	6.02	5.51	5.53	6.10	6.21	6.57	6.88	7.17	2.77	2.69
135	6.23	5.59	5.65	6.21	6.37	6.80	7.14	7.38	2.82	2.71
136	6.43	5.68	5.73	6.32	6.52	7.06	7.40	7.60	2.89	2.76
137	6.67	5.77	5.80	6.41	6.70	7.29	7.66	7.87	2.95	2.80
138	6.89	5.86	5.86	6.49	6.87	7.51	7.93	8.17	2.99	2.82
139	7.10	5.94	5.95	6.56	7.05	7.73	8.19	8.47	3.06	2.86
140	7.29	6.03	6.06	6.63	7.21	7.95	8.46	8.77	3.18	2.91
141	7.49	6.17	6.17	6.72	7.40	8.17	8.72	9.10	3.29	2.98
142	7.69	6.32	6.28	6.86	7.61	8.39	8.96	9.40	3.39	3.02
143	7.90	6.47	6.41	7.00	7.80	8.61	9.21	9.71	3.45	3.07
144	8.09	6.64	6.57	7.15	8.00	8.81	9.46	10.01	3.51	3.12
145	8.28	6.83	6.73	7.31	8.18	9.07	9.74	10.28	3.57	3.17
146	8.45	7.03	6.92	7.49	8.41	9.31	9.98	10.55	3.61	3.23
147	8.62	7.22	7.10	7.70	8.65	9.54	10.19	10.79	3.64	3.29
148	8.76	7.41	7.27	7.95	8.85	9.75	10.42	11.02	3.67	3.34

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

149	8.90	7.59	7.45	8.17	9.04	9.94	10.68	11.25	3.71	3.39
150	9.02	7.78	7.65	8.37	9.22	10.18	10.88	11.44	3.78	3.44
151	9.14	7.96	7.81	8.55	9.46	10.35	11.05	11.58	3.84	3.51
152	9.22	8.12	7.95	8.73	9.67	10.53	11.18	11.79	3.90	3.56
153	9.29	8.27	8.09	8.90	9.88	10.68	11.34	11.94	3.97	3.59
154	9.31	8.40	8.23	9.06	10.05	10.83	11.53	12.06	4.06	3.61
155	9.32	8.52	8.37	9.22	10.19	11.00	11.68	12.17	4.14	3.65
156	9.38	8.64	8.49	9.35	10.39	11.12	11.81	12.23	4.22	3.70
157	9.43	8.71	8.58	9.46	10.54	11.24	11.89	12.35	4.28	3.75
158	9.42	8.74	8.66	9.54	10.67	11.30	12.01	12.49	4.32	3.78
159	9.39	8.74	8.76	9.57	10.74	11.43	12.08	12.57	4.36	3.82
160	9.35	8.72	8.82	9.58	10.79	11.54	12.12	12.68	4.39	3.87
161	9.30	8.70	8.85	9.54	10.84	11.56	12.10	12.74	4.41	3.91
162	9.26	8.66	8.84	9.53	10.85	11.55	12.04	12.81	4.42	3.94
163	9.16	8.61	8.80	9.50	10.84	11.51	12.00	12.72	4.43	3.96
164	9.03	8.53	8.73	9.43	10.81	11.49	11.87	12.55	4.43	3.95
165	8.86	8.43	8.64	9.30	10.72	11.40	11.74	12.31	4.41	3.95
166	8.71	8.32	8.54	9.19	10.59	11.30	11.60	12.10	4.36	3.94
167	8.54	8.18	8.42	9.09	10.40	11.18	11.41	11.81	4.27	3.89
168	8.34	8.01	8.30	8.94	10.16	10.99	11.19	11.49	4.15	3.82
169	8.17	7.83	8.15	8.77	9.91	10.76	10.97	11.11	4.03	3.71
170	8.06	7.74	8.09	8.62	9.76	10.58	10.77	10.82	3.92	3.58
171	7.80	7.53	7.89	8.38	9.47	10.15	10.42	10.30	3.76	3.46
172	7.55	7.31	7.72	8.11	9.08	9.71	10.03	9.80	3.64	3.33
173	7.38	7.15	7.57	7.84	8.66	9.26	9.61	9.28	3.60	3.16
174	7.20	7.08	7.32	7.50	8.19	8.84	9.14	8.88	3.49	3.09
175	7.12	7.01	7.17	7.16	7.77	8.50	8.80	8.56	3.69	3.37
176	7.09	6.94	6.84	6.92	7.40	8.15	8.50	8.33	4.14	3.71
177	7.13	6.75	6.54	6.62	6.98	7.71	8.15	8.08	4.49	4.21
178	7.02	6.44	6.20	6.18	6.39	7.12	7.68	7.92	4.83	4.70
179	6.67	6.16	5.83	5.76	5.83	6.57	7.00	7.59	5.18	5.20
180	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23	5.23

Vert. Angles	Horizontal Angles				
	<u>300</u>	<u>315</u>	<u>330</u>	<u>345</u>	<u>360</u>
0	15014.89	15014.89	15014.89	15014.89	15014.89
1	14989.67	15029.29	15078.37	15124.68	15063.77
2	15009.86	15024.21	15117.56	15204.66	15177.88
3	15029.42	15052.35	15131.49	15283.63	15277.77
4	15025.80	15107.51	15176.50	15353.65	15366.19
5	14994.66	15129.27	15255.33	15365.79	15440.11
6	14943.05	15128.23	15304.99	15460.65	15468.40
7	14927.31	15095.65	15336.23	15526.40	15521.13
8	14932.35	15097.14	15350.99	15574.76	15621.14
9	14907.88	15125.74	15333.11	15604.62	15643.56
10	14855.73	15125.06	15376.53	15583.63	15722.06
11	14790.02	15099.94	15386.24	15643.77	15721.68
12	14770.45	15037.50	15379.39	15664.09	15779.11
13	14766.09	15020.38	15323.92	15669.26	15808.58
14	14741.97	15019.27	15297.97	15668.59	15817.70
15	14710.04	14996.54	15305.85	15602.76	15773.42
16	14676.69	14937.75	15274.02	15614.03	15746.08
17	14639.33	14872.80	15218.14	15587.71	15767.35
18	14604.03	14852.48	15120.38	15544.70	15748.20
19	14542.11	14808.18	15048.91	15443.10	15710.15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

20	14457.45	14738.08	15022.76	15360.98	15653.53
21	14415.42	14632.05	14951.37	15332.22	15545.95
22	14379.94	14566.98	14854.41	15256.84	15499.47
23	14311.69	14518.10	14754.65	15161.71	15420.47
24	14225.96	14431.45	14649.65	15005.86	15320.75
25	14114.77	14315.67	14528.73	14913.66	15158.97
26	13989.94	14173.09	14397.66	14782.56	15019.71
27	13898.39	14042.54	14258.61	14636.01	14912.87
28	13773.10	13945.50	14058.71	14467.71	14768.64
29	13631.78	13806.98	13931.00	14289.49	14591.45
30	13474.62	13641.09	13768.31	14097.69	14354.71
31	13302.62	13442.36	13585.15	13883.17	14128.41
32	13118.13	13283.38	13383.03	13651.72	13893.39
33	12921.80	13091.06	13138.27	13370.54	13675.00
34	12691.08	12883.98	12944.16	13132.44	13416.48
35	12425.47	12659.28	12717.52	12861.27	13125.83
36	12186.03	12423.56	12469.94	12566.82	12814.74
37	11942.39	12152.85	12164.75	12252.41	12483.62
38	11668.48	11925.98	11921.06	11922.12	12129.66
39	11350.61	11664.61	11636.63	11537.57	11732.68
40	11025.40	11381.84	11338.28	11206.13	11337.65
41	10721.32	11069.25	11022.08	10844.87	10971.51
42	10378.61	10767.97	10662.56	10459.50	10567.36
43	10021.88	10494.34	10357.57	10071.32	10152.21
44	9642.75	10185.48	10020.98	9640.17	9691.29
45	9251.12	9862.31	9672.20	9251.15	9264.09
46	8868.62	9501.38	9313.79	8836.94	8820.33
47	8462.40	9182.81	8920.36	8413.07	8367.35
48	8034.94	8844.19	8579.64	7967.07	7909.16
49	7589.93	8480.19	8209.46	7550.05	7423.04
50	7153.06	8101.69	7833.47	7124.92	6971.19
51	6748.72	7731.37	7435.29	6700.92	6526.22
52	6323.45	7382.49	7051.55	6248.26	6080.01
53	5905.02	7017.74	6703.76	5833.68	5630.65
54	5489.64	6636.80	6333.66	5441.61	5215.80
55	5081.15	6236.41	5963.80	5053.51	4809.20
56	4708.97	5862.33	5585.54	4680.05	4441.19
57	4348.95	5506.99	5224.22	4319.29	4078.40
58	4005.38	5149.24	4875.99	3980.50	3733.46
59	3672.89	4796.41	4549.08	3659.97	3412.87
60	3381.19	4442.37	4222.53	3358.59	3130.98
61	3108.31	4110.16	3896.47	3080.20	2864.61
62	2854.54	3795.22	3582.86	2811.10	2617.63
63	2613.81	3497.25	3302.99	2567.00	2384.89
64	2378.76	3211.53	3029.03	2354.52	2196.63
65	2179.79	2939.09	2759.59	2168.64	2008.54
66	1980.85	2691.72	2506.68	1982.85	1820.45
67	1781.91	2451.66	2297.56	1797.06	1658.60
68	1603.28	2241.96	2088.59	1632.08	1507.71
69	1444.00	2032.26	1879.61	1490.02	1371.23
70	1300.49	1822.57	1695.93	1352.57	1247.69
71	1175.05	1642.30	1525.04	1228.94	1132.44
72	1054.69	1473.09	1369.69	1109.11	1021.80
73	944.75	1315.59	1227.50	999.13	918.55
74	845.54	1166.62	1088.38	897.19	826.17
75	751.81	1025.02	954.30	800.99	736.20

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

76	664.04	904.01	839.45	708.05	655.54
77	581.60	792.77	736.61	620.97	578.99
78	507.11	687.25	639.35	543.47	506.39
79	437.29	585.12	551.83	469.50	442.35
80	370.32	492.48	464.85	402.84	380.55
81	313.50	412.17	389.55	340.84	323.70
82	256.82	334.52	323.77	284.13	270.29
83	210.77	265.24	260.37	229.60	222.05
84	164.79	209.25	206.11	180.49	173.85
85	118.82	153.40	151.97	131.47	125.64
86	79.71	97.55	97.82	89.72	85.96
87	47.34	54.42	57.73	53.31	49.76
88	34.07	28.36	25.75	23.73	20.85
89	17.42	14.53	19.03	17.54	15.33
90	0.66	0.94	12.88	11.89	10.43
91	0.58	0.55	6.73	6.24	5.52
92	0.60	0.58	0.59	0.59	0.61
93	0.64	0.61	0.59	0.56	0.60
94	0.68	0.65	0.62	0.58	0.61
95	0.73	0.70	0.65	0.60	0.63
96	0.78	0.75	0.69	0.61	0.65
97	0.83	0.79	0.72	0.61	0.66
98	0.88	0.83	0.75	0.61	0.68
99	0.93	0.86	0.77	0.60	0.68
100	0.97	0.91	0.80	0.60	0.67
101	1.02	0.95	0.83	0.60	0.66
102	1.06	0.99	0.85	0.56	0.67
103	1.11	1.03	0.88	0.58	0.69
104	1.15	1.07	0.90	0.63	0.71
105	1.19	1.12	0.93	0.69	0.68
106	1.23	1.16	0.96	0.76	0.70
107	1.27	1.20	0.99	0.82	0.73
108	1.31	1.23	1.02	0.89	0.74
109	1.35	1.27	1.06	0.97	0.77
110	1.39	1.32	1.11	1.03	0.81
111	1.43	1.37	1.17	1.09	0.87
112	1.47	1.44	1.22	1.13	0.90
113	1.52	1.50	1.29	1.18	0.89
114	1.57	1.56	1.34	1.23	0.86
115	1.63	1.62	1.39	1.29	0.83
116	1.70	1.68	1.46	1.36	0.84
117	1.76	1.74	1.52	1.43	0.91
118	1.84	1.80	1.60	1.50	0.99
119	1.92	1.87	1.67	1.55	1.02
120	2.00	1.94	1.74	1.61	1.06
121	2.06	2.01	1.83	1.66	1.13
122	2.13	2.08	1.91	1.71	1.15
123	2.21	2.15	1.99	1.76	1.19
124	2.29	2.22	2.08	1.83	1.24
125	2.37	2.30	2.18	1.91	1.32
126	2.44	2.37	2.28	2.02	1.40
127	2.51	2.43	2.37	2.14	1.50
128	2.58	2.50	2.47	2.24	1.59
129	2.65	2.58	2.57	2.32	1.68
130	2.71	2.66	2.68	2.40	1.76
131	2.78	2.74	2.79	2.49	1.85

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

CANDELA TABULATION - (Cont.)

132	2.85	2.81	2.89	2.57	1.93
133	2.92	2.89	2.99	2.65	2.01
134	2.99	2.97	3.08	2.73	2.09
135	3.05	3.06	3.17	2.81	2.16
136	3.11	3.15	3.26	2.89	2.21
137	3.18	3.23	3.35	2.97	2.26
138	3.26	3.32	3.43	3.06	2.31
139	3.32	3.41	3.50	3.13	2.38
140	3.39	3.49	3.58	3.21	2.44
141	3.44	3.57	3.65	3.30	2.51
142	3.52	3.64	3.73	3.39	2.59
143	3.59	3.73	3.79	3.47	2.68
144	3.66	3.81	3.86	3.56	2.78
145	3.73	3.89	3.93	3.66	2.89
146	3.78	3.97	3.98	3.76	3.02
147	3.85	4.04	4.03	3.86	3.16
148	3.92	4.13	4.10	3.97	3.30
149	3.99	4.21	4.18	4.09	3.45
150	4.05	4.29	4.26	4.19	3.59
151	4.11	4.37	4.34	4.31	3.74
152	4.18	4.45	4.42	4.43	3.90
153	4.25	4.54	4.50	4.54	4.06
154	4.32	4.61	4.59	4.66	4.21
155	4.37	4.68	4.68	4.80	4.37
156	4.43	4.74	4.77	4.94	4.54
157	4.49	4.80	4.87	5.08	4.69
158	4.52	4.87	4.97	5.20	4.85
159	4.57	4.93	5.05	5.30	5.00
160	4.60	4.96	5.13	5.42	5.10
161	4.64	4.99	5.20	5.53	5.21
162	4.67	5.02	5.25	5.63	5.31
163	4.69	5.04	5.29	5.70	5.38
164	4.69	5.05	5.35	5.75	5.45
165	4.68	5.06	5.39	5.81	5.49
166	4.65	5.06	5.41	5.83	5.52
167	4.59	5.04	5.41	5.80	5.52
168	4.52	4.98	5.39	5.72	5.47
169	4.41	4.90	5.35	5.62	5.39
170	4.28	4.80	5.27	5.54	5.33
171	4.18	4.70	5.17	5.45	5.25
172	4.10	4.61	5.04	5.30	5.10
173	4.01	4.52	4.90	5.10	4.96
174	3.95	4.45	4.75	4.88	4.78
175	4.06	4.52	4.77	4.80	4.74
176	4.41	4.74	4.98	4.88	4.91
177	4.77	5.18	5.20	4.99	5.20
178	5.12	5.60	5.40	5.19	5.21
179	5.47	6.03	5.61	5.40	5.22
180	5.23	5.23	5.23	5.23	5.23

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	5520.59	16.70	16.70
0-30	11779.34	35.60	35.60
0-40	19095.83	57.70	57.70
0-60	29967.59	90.50	90.50
0-80	32922.37	99.50	99.50
0-90	33077.22	99.90	99.90
10-90	31655.15	95.60	95.60
20-40	13575.24	41.00	41.00
20-50	20140.57	60.90	60.90
40-70	13004.85	39.30	39.30
60-80	2954.78	8.90	8.90
70-80	821.69	2.50	2.50
80-90	154.85	0.50	0.50
90-110	2.14	0.00	0.00
90-120	3.94	0.00	0.00
90-130	6.79	0.00	0.00
90-150	14.24	0.00	0.00
90-180	20.37	0.10	0.10
110-180	18.23	0.10	0.10
0-180	33097.6	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	1422.08
10-20	4098.51
20-30	6258.76
30-40	7316.49
40-50	6565.33
50-60	4306.43
60-70	2133.09
70-80	821.69
80-90	154.85
90-100	1.10
100-110	1.04
110-120	1.80
120-130	2.85
130-140	3.63
140-150	3.82
150-160	3.38
160-170	2.15
170-180	0.61

IES INDOOR REPORT
PHOTOMETRIC FILENAME : C65-2-LSSC-ED-1-PCMD_4000K.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	111	107	103	100	108	105	102	99	101	98	96	97	95	93	93	91	90	88
2	102	95	90	85	100	94	88	84	90	86	82	87	83	80	84	81	78	76
3	94	85	78	73	92	84	77	72	81	75	71	78	74	70	76	72	69	67
4	87	77	69	63	85	75	68	63	73	67	62	71	65	61	69	64	60	58
5	81	69	61	55	79	68	61	55	66	60	54	64	59	54	63	57	53	51
6	75	63	55	49	73	62	54	49	60	54	48	59	53	48	57	52	48	46
7	70	57	49	44	68	57	49	44	55	48	43	54	48	43	53	47	43	41
8	65	53	45	39	64	52	45	39	51	44	39	50	43	39	48	43	39	37
9	61	49	41	36	60	48	41	36	47	40	35	46	40	35	45	39	35	33
10	57	45	38	33	56	44	37	32	43	37	32	43	37	32	42	36	32	30

IES INDOOR REPORT
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UGR TABLE - CORRECTED

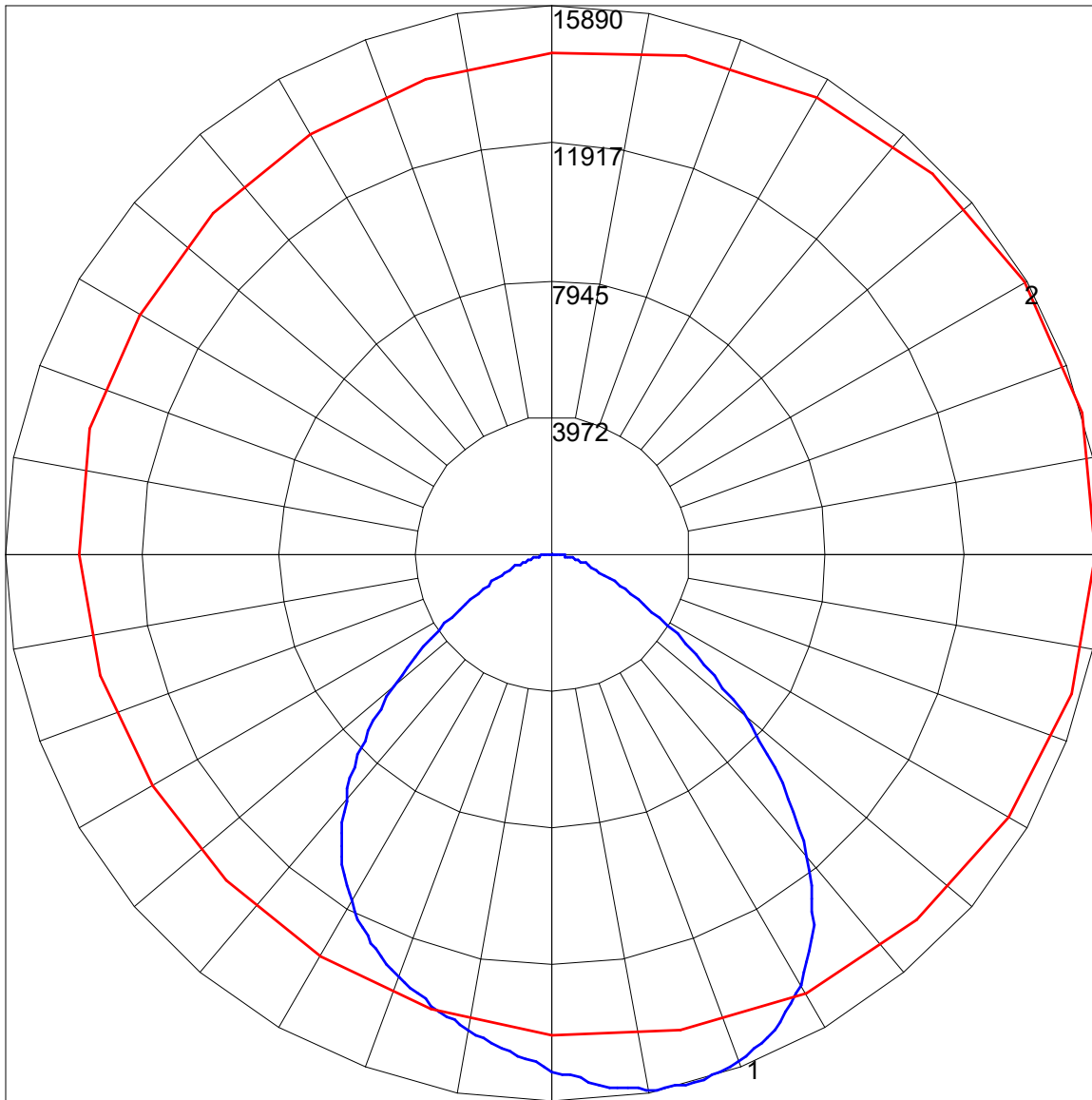
Reflectances

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	25.3	26.8	25.7	27.1	27.4	23.4	24.9	23.8	25.2	25.5
	3H	25.9	27.2	26.3	27.5	27.9	23.9	25.2	24.3	25.6	25.9
	4H	26.1	27.3	26.5	27.6	28.0	24.1	25.3	24.5	25.6	26.0
	6H	26.2	27.3	26.6	27.6	28.0	24.1	25.2	24.5	25.6	26.0
	8H	26.2	27.2	26.6	27.6	28.0	24.1	25.2	24.5	25.6	26.0
	12H	26.2	27.2	26.6	27.6	28.0	24.1	25.1	24.5	25.5	25.9
4H	2H	25.8	27.0	26.2	27.4	27.8	24.2	25.4	24.6	25.8	26.2
	3H	26.6	27.6	27.0	28.0	28.4	24.9	25.9	25.3	26.3	26.7
	4H	26.9	27.7	27.3	28.2	28.6	25.1	26.0	25.5	26.4	26.8
	6H	27.0	27.8	27.5	28.2	28.7	25.2	25.9	25.6	26.4	26.8
	8H	27.0	27.7	27.5	28.2	28.6	25.1	25.9	25.6	26.3	26.8
	12H	27.0	27.6	27.5	28.1	28.6	25.1	25.8	25.6	26.2	26.7
8H	4H	26.9	27.7	27.4	28.1	28.6	25.2	26.0	25.7	26.4	26.9
	6H	27.1	27.7	27.6	28.2	28.7	25.4	26.0	25.9	26.5	26.9
	8H	27.2	27.7	27.7	28.2	28.7	25.4	25.9	25.9	26.4	26.9
	12H	27.2	27.6	27.7	28.1	28.7	25.4	25.9	25.9	26.3	26.9
12H	4H	26.9	27.6	27.4	28.0	28.5	25.2	25.9	25.7	26.4	26.8
	6H	27.1	27.6	27.6	28.1	28.6	25.4	25.9	25.9	26.4	26.9
	8H	27.2	27.6	27.7	28.1	28.7	25.4	25.9	25.9	26.4	26.9

Maximum UGR = 28.7

POLAR GRAPH



Maximum Candela = 15889.57 Located At Horizontal Angle = 15, Vertical Angle = 15
1 - Vertical Plane Through Horizontal Angles (15 - 195) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)