

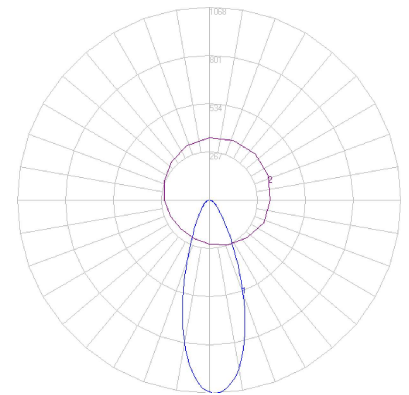
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : S9496\_PHOTOMETRICS.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST]  
 [TESTLAB] Bay Area Compliance Laboratories Corp.(Shenzhen)  
 [TESTDATE] 2016-3-28  
 [ISSUE DATE] 2016-04-05 15:56:20  
 [LAMPPOSITION] 0,0  
 [OTHER] EVERFINE GO-R5000\_V2 SYSTEM  
 [MANUFAC] Satco  
 [LUMINAIRE] S9496

**CHARACTERISTICS**

Lumens Per Lamp	619.82 (1 lamp)
Total Lamp Lumens	619.82
Luminaire Lumens	620
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	97
Total Luminaire Watts	6.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.64
Spacing Criterion (90-270)	0.66
Spacing Criterion (Diagonal)	0.62
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m



**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30
1	1064.91	1066.16	1066.48	1064.98	1062.93	1060.12	1057.50	1054.23	1053.92	1052.12
2	1064.70	1067.34	1067.64	1064.77	1060.54	1054.93	1049.33	1043.18	1042.21	1039.40
3	1060.78	1064.92	1065.25	1060.83	1054.02	1046.38	1037.70	1029.02	1027.55	1022.74
4	1052.86	1058.57	1059.02	1053.05	1043.88	1033.50	1022.30	1011.34	1008.97	1002.62
5	1040.96	1048.57	1049.36	1041.81	1029.91	1017.86	1003.38	990.43	986.15	978.39
6	1024.82	1034.78	1035.64	1027.14	1013.27	998.57	981.66	966.49	960.88	950.35
7	1005.02	1016.58	1018.09	1008.44	992.64	976.29	956.50	938.77	931.54	918.90
8	981.13	995.44	998.06	987.63	970.07	951.36	929.17	908.95	899.23	883.61
9	953.37	969.84	973.93	962.23	943.59	923.18	898.03	875.52	863.67	845.83
10	922.17	940.81	945.96	933.89	914.50	892.68	864.25	839.77	826.07	805.10
11	888.35	908.89	915.49	903.25	883.02	860.13	829.28	802.99	785.11	762.05
12	850.76	873.68	881.22	869.20	849.09	824.32	791.39	762.01	743.58	718.11
13	811.13	836.11	844.93	833.53	813.34	787.42	752.46	720.96	700.19	672.06
14	770.08	795.94	805.79	795.84	775.16	748.72	711.65	678.51	655.49	626.41
15	727.43	754.63	765.31	755.86	735.94	708.08	670.27	635.10	610.84	580.44
16	683.93	711.26	721.92	713.69	693.56	665.66	626.84	591.30	566.82	536.55
17	640.97	668.11	679.22	671.48	652.39	624.66	585.47	548.97	523.28	492.99
18	597.92	623.38	635.28	628.48	609.46	582.43	543.54	509.01	480.78	451.04
19	555.37	579.95	591.33	585.96	567.86	540.81	503.23	469.08	441.17	412.44
20	514.54	538.22	548.55	543.74	526.89	500.77	464.63	429.16	403.09	375.55
21	475.25	497.40	507.14	502.41	487.06	461.78	426.91	392.55	367.44	341.49
22	438.16	458.74	467.44	463.58	448.89	424.78	391.73	358.81	334.81	310.21
23	402.26	421.22	428.91	425.20	411.77	389.29	358.15	327.04	304.45	281.77
24	370.15	386.73	393.90	390.03	378.17	356.38	327.56	298.65	277.10	255.89
25	339.20	354.14	360.03	356.54	344.95	325.46	298.90	271.83	252.19	232.60
26	311.29	324.22	329.44	325.93	315.58	297.57	273.17	248.30	229.72	212.16
27	284.81	296.51	300.26	297.06	287.39	271.21	249.43	226.63	209.63	193.26
28	260.71	270.71	273.59	270.21	262.02	247.12	227.50	206.97	191.55	176.95
29	238.85	247.34	249.71	246.53	238.79	225.76	208.17	189.31	175.56	162.14
30	218.72	226.00	227.49	224.60	217.88	206.00	190.55	173.64	160.89	148.89
31	200.75	206.92	207.91	205.20	198.91	188.40	174.86	159.56	148.26	137.27
32	184.21	189.63	190.21	187.39	181.64	172.68	160.71	146.85	136.75	127.61
33	169.22	173.88	174.11	171.43	166.46	158.42	147.77	135.39	127.23	117.94
34	156.13	159.95	159.83	157.33	152.94	145.94	136.48	125.41	117.70	108.32
35	143.80	146.96	146.67	144.27	140.48	134.43	126.08	116.18	108.20	100.92
36	132.91	135.56	135.18	132.96	129.55	124.32	116.92	108.13	100.80	94.18
37	123.05	125.28	124.71	122.61	119.74	115.14	108.66	100.91	94.05	88.11
38	114.11	115.88	115.41	113.44	110.85	107.03	101.23	94.33	88.12	82.68
39	106.04	107.49	106.90	105.15	102.91	99.57	94.46	88.30	82.71	77.69
40	98.80	100.07	99.53	97.92	95.96	93.05	88.47	82.98	77.79	73.16
41	92.23	93.33	92.70	91.30	89.51	87.03	83.00	78.10	73.34	69.05
42	86.27	87.12	86.55	85.19	83.75	81.60	78.06	73.62	69.33	65.35
43	80.91	81.65	81.10	79.82	78.54	76.70	73.51	69.58	65.57	61.93
44	75.92	76.57	76.05	74.94	73.79	72.21	69.44	65.82	62.16	58.76
45	71.52	72.06	71.58	70.53	69.54	68.21	65.64	62.43	59.06	55.90
46	67.39	67.92	67.44	66.46	65.68	64.56	62.25	59.33	56.16	53.17
47	63.66	64.10	63.68	62.83	62.14	61.14	58.99	56.39	53.48	50.73
48	60.17	60.63	60.25	59.50	58.84	58.02	56.05	53.72	51.01	48.40
49	57.01	57.42	57.07	56.40	55.86	55.11	53.34	51.31	48.69	46.24
50	54.18	54.20	54.05	53.49	53.08	53.29	50.91	48.91	46.51	44.22
51	51.35	51.55	51.41	50.90	50.65	50.42	48.48	46.51	44.46	42.27
52	48.52	48.91	48.77	48.31	48.22	47.53	46.06	44.47	42.50	40.48
53	46.15	46.58	46.47	46.09	45.80	45.39	44.01	42.55	40.68	38.75

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**CANDELA TABULATION - (Cont.)**

54	43.91	44.31	44.29	43.96	43.73	43.35	42.06	40.71	38.97	37.10
55	41.82	42.24	42.22	41.97	41.78	41.44	40.22	38.93	37.30	35.53
56	39.84	40.28	40.31	40.10	39.97	39.63	38.48	37.27	35.73	34.01
57	37.98	38.41	38.49	38.36	38.25	37.93	36.82	35.66	34.17	32.55
58	36.19	36.63	36.76	36.68	36.57	36.28	35.22	34.12	32.69	31.14
59	34.50	34.94	35.13	35.06	34.98	34.72	33.70	32.63	31.26	29.76
60	32.87	33.33	33.54	33.54	33.49	33.21	32.23	31.18	29.87	28.43
61	31.31	31.77	32.03	32.05	32.00	31.75	30.80	29.77	28.54	27.13
62	29.82	30.30	30.56	30.64	30.63	30.35	29.41	28.40	27.23	25.86
63	28.37	28.88	29.18	29.26	29.27	28.97	28.08	27.10	25.94	24.61
64	26.99	27.49	27.83	27.94	27.96	27.67	26.77	25.82	24.69	23.40
65	25.65	26.17	26.52	26.66	26.67	26.37	25.52	24.55	23.49	22.21
66	24.35	24.86	25.25	25.40	25.42	25.12	24.28	23.33	22.30	21.05
67	23.05	23.60	23.99	24.17	24.19	23.89	23.06	22.11	21.14	19.92
68	21.82	22.37	22.79	22.97	23.01	22.70	21.87	20.90	19.99	18.77
69	20.62	21.18	21.60	21.83	21.83	21.54	20.72	19.74	18.85	17.66
70	19.44	20.01	20.45	20.69	20.70	20.38	19.57	18.60	17.73	16.56
71	18.29	18.87	19.33	19.57	19.56	19.25	18.45	17.48	16.64	15.50
72	17.17	17.75	18.22	18.48	18.47	18.14	17.34	16.39	15.58	14.44
73	16.05	16.66	17.14	17.38	17.36	17.04	16.25	15.30	14.52	13.41
74	14.98	15.57	16.06	16.31	16.30	15.96	15.17	14.23	13.47	12.41
75	13.92	14.54	15.02	15.26	15.25	14.91	14.13	13.19	12.44	11.40
76	12.89	13.52	14.00	14.24	14.22	13.88	13.09	12.16	11.44	10.39
77	11.86	12.49	12.99	13.21	13.19	12.83	12.06	11.12	10.43	9.39
78	10.85	11.50	11.99	12.22	12.20	11.83	11.05	10.14	9.42	8.44
79	9.87	10.51	11.02	11.24	11.21	10.84	10.06	9.14	8.45	7.51
80	8.90	9.55	10.05	10.27	10.24	9.85	9.08	8.18	7.52	6.60
81	7.96	8.61	9.11	9.32	9.28	8.89	8.13	7.23	6.60	5.72
82	7.02	7.69	8.18	8.39	8.34	7.94	7.20	6.32	5.70	4.85
83	6.12	6.78	7.27	7.47	7.41	7.03	6.29	5.43	4.84	4.01
84	5.23	5.90	6.38	6.58	6.51	6.12	5.40	4.54	3.98	3.20
85	4.34	5.01	5.50	5.69	5.61	5.24	4.51	3.65	3.15	2.40
86	3.45	4.12	4.63	4.82	4.74	4.35	3.62	2.81	2.35	1.65
87	2.63	3.29	3.76	3.95	3.86	3.47	2.79	2.02	1.58	0.93
88	1.84	2.48	2.95	3.14	3.04	2.65	2.00	1.27	0.85	0.33
89	1.08	1.72	2.16	2.34	2.25	1.87	1.26	0.58	0.26	0.08
90	0.42	0.99	1.42	1.59	1.50	1.13	0.57	0.15	0.07	0.02
91	0.11	0.35	0.72	0.86	0.80	0.47	0.14	0.04	0.01	0.00
92	0.03	0.09	0.18	0.27	0.22	0.11	0.04	0.01	0.00	0.00
93	0.00	0.02	0.05	0.06	0.05	0.03	0.01	0.00	0.00	0.00
94	0.00	0.00	0.01	0.02	0.01	0.01	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : S9496\_PHOTOMETRICS.IES**

**CANDELA TABULATION - (Cont.)**

110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
120	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.01
121	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
122	0.01	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01
123	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.01	0.01	0.01
124	0.01	0.00	0.01	0.01	0.00	0.01	0.01	0.01	0.01	0.01
125	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
126	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
127	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
132	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
133	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
134	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
135	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02
136	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.02	0.02	0.02
137	0.02	0.01	0.01	0.02	0.01	0.02	0.02	0.02	0.02	0.02
138	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
139	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
140	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
141	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
142	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.02	0.02
143	0.03	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.02	0.03
144	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
145	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.03
146	0.03	0.03	0.03	0.03	0.03	0.03	0.04	0.04	0.03	0.03
147	0.04	0.03	0.03	0.03	0.03	0.04	0.04	0.04	0.03	0.03
148	0.04	0.04	0.04	0.04	0.04	0.04	0.05	0.05	0.03	0.03
149	0.05	0.04	0.04	0.04	0.04	0.05	0.05	0.05	0.04	0.04
150	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.04	0.04
151	0.06	0.05	0.05	0.05	0.05	0.06	0.06	0.07	0.04	0.04
152	0.06	0.06	0.06	0.06	0.06	0.06	0.07	0.07	0.04	0.04
153	0.07	0.07	0.06	0.07	0.07	0.07	0.07	0.08	0.04	0.05
154	0.08	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.05	0.05
155	0.09	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.05	0.05
156	0.10	0.09	0.09	0.09	0.09	0.09	0.10	0.10	0.05	0.05
157	0.11	0.10	0.10	0.10	0.10	0.10	0.11	0.11	0.06	0.06
158	0.12	0.11	0.11	0.11	0.11	0.12	0.12	0.13	0.06	0.06
159	0.13	0.12	0.12	0.12	0.12	0.13	0.13	0.14	0.06	0.06
160	0.14	0.14	0.14	0.13	0.14	0.14	0.14	0.15	0.06	0.06
161	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.06	0.07
162	0.17	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.07	0.07
163	0.18	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.07	0.07
164	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.19	0.07	0.07
165	0.19	0.19	0.18	0.18	0.18	0.18	0.19	0.19	0.07	0.07

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

166	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19	0.08	0.08
167	0.19	0.19	0.19	0.19	0.18	0.19	0.19	0.19	0.08	0.08
168	0.19	0.19	0.19	0.18	0.18	0.18	0.18	0.19	0.08	0.08
169	0.19	0.18	0.18	0.18	0.18	0.18	0.18	0.18	0.08	0.08
170	0.18	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.08	0.08
171	0.18	0.18	0.18	0.17	0.17	0.17	0.17	0.17	0.08	0.08
172	0.18	0.17	0.17	0.17	0.17	0.17	0.16	0.17	0.08	0.08
173	0.17	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.08	0.08
174	0.17	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.08	0.08
175	0.17	0.17	0.17	0.17	0.16	0.16	0.16	0.16	0.09	0.08
176	0.17	0.17	0.17	0.16	0.16	0.16	0.15	0.15	0.09	0.09
177	0.16	0.16	0.16	0.16	0.15	0.15	0.15	0.15	0.10	0.10
178	0.15	0.15	0.15	0.15	0.14	0.14	0.14	0.14	0.11	0.11
179	0.14	0.14	0.14	0.14	0.13	0.13	0.13	0.13	0.12	0.12
180	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13

**Vert. Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30	1061.30
1	1052.12	1053.49	1055.83	1058.39	1061.47	1061.86	1064.91
2	1039.14	1041.31	1045.72	1051.05	1057.24	1062.42	1064.70
3	1021.76	1025.08	1031.15	1039.39	1048.77	1062.90	1060.78
4	1000.45	1003.85	1012.14	1023.07	1036.30	1053.61	1052.86
5	974.97	978.62	988.54	1002.66	1018.88	1040.29	1040.96
6	945.91	949.00	961.36	978.27	997.49	1023.19	1024.82
7	912.94	915.91	930.00	949.51	972.40	1001.56	1005.02
8	876.61	879.07	894.63	917.46	942.68	976.06	981.13
9	836.62	839.41	855.98	880.92	909.90	946.60	953.37
10	794.70	796.91	814.39	842.09	873.18	913.59	922.17
11	749.84	751.41	770.32	799.96	833.63	877.28	888.35
12	704.41	706.46	725.48	757.53	793.35	839.32	850.76
13	658.01	659.22	679.60	712.77	750.31	798.48	811.13
14	611.39	613.20	634.06	668.36	707.06	756.12	770.08
15	565.59	566.69	587.98	623.87	663.61	713.22	727.43
16	521.20	522.80	543.87	579.37	620.03	670.03	683.93
17	478.04	480.22	501.23	536.66	577.22	626.06	640.97
18	437.08	439.01	459.45	494.17	534.82	582.52	597.92
19	398.91	401.35	421.33	455.70	494.80	540.73	555.37
20	363.18	365.42	384.42	417.75	455.71	500.06	514.54
21	329.81	332.83	350.53	383.03	419.04	461.50	475.25
22	299.69	302.49	319.75	350.21	385.08	425.22	438.16
23	271.98	275.00	291.28	320.22	353.18	391.03	402.26
24	247.14	250.24	265.55	292.56	323.82	358.79	370.15
25	224.37	227.45	242.09	266.90	296.26	328.84	339.20
26	204.72	207.56	221.11	244.61	271.55	301.45	311.29
27	186.87	189.30	202.21	223.57	248.29	276.05	284.81
28	171.00	173.40	184.91	204.87	227.69	252.80	260.71
29	156.94	159.09	169.75	187.87	208.89	231.91	238.85
30	144.17	146.16	155.93	172.46	191.78	212.45	218.72
31	133.05	134.88	143.75	158.80	176.48	195.29	200.75
32	123.72	125.39	132.65	146.27	162.43	179.44	184.21
33	114.39	115.90	123.48	135.28	149.99	165.20	169.22
34	105.11	106.45	114.30	125.90	138.47	152.27	156.13
35	97.95	99.17	105.13	116.52	128.41	140.76	143.80
36	91.39	92.48	97.91	107.19	119.79	130.22	132.91

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**CANDELA TABULATION - (Cont.)**

37	85.46	86.46	91.42	99.85	111.17	121.42	123.05
38	80.22	81.09	85.59	93.22	102.58	112.62	114.11
39	75.44	76.16	80.23	87.23	95.66	103.88	106.04
40	71.05	71.75	75.40	81.73	89.45	96.75	98.80
41	67.10	67.64	71.00	76.76	83.69	90.38	92.23
42	63.56	63.96	67.04	72.26	78.64	84.77	86.27
43	60.19	60.60	63.34	68.16	73.92	79.49	80.91
44	57.11	57.48	59.96	64.34	69.63	74.67	75.92
45	54.36	54.65	56.89	60.93	65.77	70.41	71.52
46	51.76	51.97	54.03	57.72	62.10	66.35	67.39
47	49.39	49.55	51.42	54.81	58.80	62.74	63.66
48	47.14	47.22	48.93	52.07	55.75	59.30	60.17
49	45.01	45.05	46.60	49.50	52.83	56.21	57.01
50	43.04	43.01	44.43	47.11	50.18	53.26	54.18
51	41.14	41.08	42.38	44.86	47.66	50.61	51.35
52	39.37	39.27	40.47	42.78	45.36	48.09	48.52
53	37.66	37.54	38.62	40.79	43.15	45.74	46.15
54	36.04	35.89	36.88	38.91	41.12	43.54	43.91
55	34.48	34.30	35.21	37.12	39.17	41.44	41.82
56	33.00	32.78	33.61	35.39	37.31	39.48	39.84
57	31.54	31.30	32.08	33.74	35.54	37.59	37.98
58	30.14	29.89	30.60	32.16	33.84	35.79	36.19
59	28.78	28.51	29.17	30.64	32.23	34.08	34.50
60	27.47	27.18	27.78	29.18	30.68	32.47	32.87
61	26.20	25.88	26.45	27.79	29.21	30.93	31.31
62	24.95	24.62	25.14	26.42	27.80	29.43	29.82
63	23.72	23.37	23.87	25.08	26.38	27.97	28.37
64	22.53	22.19	22.65	23.78	25.03	26.57	26.99
65	21.34	21.02	21.43	22.54	23.73	25.21	25.65
66	20.19	19.87	20.25	21.31	22.46	23.89	24.35
67	19.07	18.75	19.11	20.13	21.24	22.65	23.05
68	17.94	17.63	17.98	18.95	20.03	21.40	21.82
69	16.85	16.54	16.86	17.81	18.86	20.17	20.62
70	15.77	15.47	15.77	16.68	17.72	18.98	19.44
71	14.73	14.43	14.72	15.58	16.61	17.83	18.29
72	13.70	13.40	13.69	14.52	15.54	16.72	17.17
73	12.68	12.39	12.67	13.45	14.47	15.61	16.05
74	11.68	11.40	11.67	12.43	13.41	14.53	14.98
75	10.67	10.40	10.68	11.42	12.37	13.47	13.92
76	9.67	9.41	9.69	10.41	11.35	12.43	12.89
77	8.72	8.47	8.70	9.40	10.34	11.42	11.86
78	7.79	7.54	7.77	8.45	9.33	10.41	10.85
79	6.88	6.64	6.86	7.50	8.36	9.40	9.87
80	6.00	5.76	5.98	6.60	7.43	8.44	8.90
81	5.13	4.91	5.11	5.70	6.51	7.50	7.96
82	4.28	4.07	4.25	4.82	5.61	6.57	7.02
83	3.47	3.26	3.44	3.98	4.74	5.68	6.12
84	2.68	2.48	2.65	3.15	3.89	4.79	5.23
85	1.92	1.73	1.88	2.34	3.05	3.93	4.34
86	1.20	1.00	1.16	1.58	2.25	3.10	3.45
87	0.53	0.38	0.49	0.85	1.48	2.29	2.63
88	0.13	0.10	0.12	0.27	0.76	1.52	1.84
89	0.03	0.03	0.04	0.08	0.22	0.78	1.08
90	0.01	0.00	0.01	0.02	0.08	0.24	0.42
91	0.00	0.00	0.00	0.00	0.02	0.10	0.11
92	0.00	0.00	0.00	0.00	0.00	0.02	0.03

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**CANDELA TABULATION - (Cont.)**

93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.01	0.01	0.00	0.01	0.01	0.00	0.00
120	0.01	0.01	0.01	0.01	0.01	0.01	0.00
121	0.01	0.01	0.01	0.01	0.01	0.01	0.01
122	0.01	0.01	0.01	0.01	0.01	0.01	0.01
123	0.01	0.01	0.01	0.01	0.01	0.01	0.01
124	0.01	0.01	0.01	0.01	0.01	0.01	0.01
125	0.01	0.01	0.01	0.01	0.01	0.01	0.01
126	0.01	0.01	0.01	0.01	0.01	0.01	0.01
127	0.01	0.01	0.01	0.01	0.01	0.01	0.01
128	0.01	0.01	0.01	0.01	0.01	0.01	0.01
129	0.01	0.01	0.01	0.01	0.01	0.01	0.01
130	0.01	0.01	0.01	0.01	0.01	0.01	0.01
131	0.01	0.01	0.01	0.01	0.01	0.01	0.01
132	0.01	0.01	0.01	0.01	0.01	0.01	0.01
133	0.01	0.01	0.01	0.01	0.01	0.01	0.01
134	0.01	0.02	0.01	0.01	0.01	0.01	0.01
135	0.02	0.02	0.02	0.02	0.01	0.01	0.01
136	0.02	0.02	0.02	0.02	0.02	0.01	0.01
137	0.02	0.02	0.02	0.02	0.02	0.02	0.02
138	0.02	0.02	0.02	0.02	0.02	0.02	0.02
139	0.02	0.02	0.02	0.02	0.02	0.02	0.02
140	0.02	0.02	0.02	0.02	0.02	0.02	0.02
141	0.02	0.02	0.02	0.02	0.02	0.02	0.02
142	0.02	0.02	0.02	0.02	0.02	0.02	0.02
143	0.03	0.03	0.02	0.02	0.02	0.02	0.03
144	0.03	0.03	0.03	0.02	0.02	0.02	0.03
145	0.03	0.03	0.03	0.02	0.03	0.02	0.03
146	0.02	0.03	0.03	0.03	0.03	0.03	0.03
147	0.03	0.03	0.03	0.03	0.03	0.03	0.04
148	0.03	0.03	0.03	0.03	0.03	0.03	0.04

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**CANDELA TABULATION - (Cont.)**

<b>149</b>	0.04	0.04	0.04	0.03	0.03	0.03	0.05
<b>150</b>	0.04	0.04	0.04	0.04	0.03	0.03	0.05
<b>151</b>	0.04	0.04	0.04	0.04	0.04	0.03	0.06
<b>152</b>	0.04	0.04	0.04	0.04	0.04	0.04	0.06
<b>153</b>	0.05	0.05	0.04	0.04	0.04	0.04	0.07
<b>154</b>	0.05	0.05	0.05	0.05	0.04	0.04	0.08
<b>155</b>	0.05	0.05	0.05	0.05	0.05	0.04	0.09
<b>156</b>	0.05	0.05	0.05	0.05	0.05	0.05	0.10
<b>157</b>	0.06	0.06	0.05	0.05	0.05	0.05	0.11
<b>158</b>	0.06	0.06	0.06	0.06	0.06	0.05	0.12
<b>159</b>	0.06	0.06	0.06	0.06	0.06	0.05	0.13
<b>160</b>	0.06	0.06	0.06	0.06	0.06	0.06	0.14
<b>161</b>	0.07	0.07	0.06	0.06	0.06	0.06	0.15
<b>162</b>	0.07	0.07	0.07	0.07	0.06	0.06	0.17
<b>163</b>	0.07	0.07	0.07	0.07	0.07	0.06	0.18
<b>164</b>	0.07	0.07	0.07	0.07	0.07	0.07	0.18
<b>165</b>	0.07	0.08	0.07	0.07	0.07	0.07	0.19
<b>166</b>	0.08	0.08	0.08	0.08	0.07	0.07	0.19
<b>167</b>	0.08	0.08	0.08	0.08	0.08	0.07	0.19
<b>168</b>	0.08	0.08	0.08	0.08	0.08	0.07	0.19
<b>169</b>	0.08	0.08	0.08	0.08	0.08	0.07	0.19
<b>170</b>	0.08	0.08	0.08	0.08	0.08	0.07	0.18
<b>171</b>	0.08	0.08	0.08	0.08	0.07	0.07	0.18
<b>172</b>	0.08	0.08	0.07	0.07	0.07	0.07	0.18
<b>173</b>	0.08	0.07	0.07	0.07	0.07	0.07	0.17
<b>174</b>	0.08	0.08	0.08	0.07	0.07	0.07	0.17
<b>175</b>	0.08	0.08	0.08	0.08	0.08	0.08	0.17
<b>176</b>	0.09	0.09	0.09	0.09	0.09	0.09	0.17
<b>177</b>	0.10	0.10	0.10	0.09	0.09	0.09	0.16
<b>178</b>	0.11	0.11	0.10	0.10	0.10	0.10	0.15
<b>179</b>	0.12	0.12	0.11	0.11	0.11	0.11	0.14
<b>180</b>	0.13	0.13	0.13	0.13	0.13	0.13	0.13



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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	274.36	44.30	44.30
0-30	411.68	66.40	66.40
0-40	491.59	79.30	79.30
0-60	577.31	93.10	93.10
0-80	615.35	99.30	99.30
0-90	619.61	100.00	100.00
10-90	527.56	85.10	85.10
20-40	217.23	35.00	35.00
20-50	267.69	43.20	43.20
40-70	109.90	17.70	17.70
60-80	38.04	6.10	6.10
70-80	13.85	2.20	2.20
80-90	4.26	0.70	0.70
90-110	0.06	0.00	0.00
90-120	0.06	0.00	0.00
90-130	0.07	0.00	0.00
90-150	0.10	0.00	0.00
90-180	0.18	0.00	0.00
110-180	0.12	0.00	0.00
0-180	619.79	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	92.05
10-20	182.31
20-30	137.32
30-40	79.92
40-50	50.46
50-60	35.26
60-70	24.19
70-80	13.85
80-90	4.26
90-100	0.06
100-110	0.00
110-120	0.00
120-130	0.01
130-140	0.01
140-150	0.02
150-160	0.03
160-170	0.03
170-180	0.01

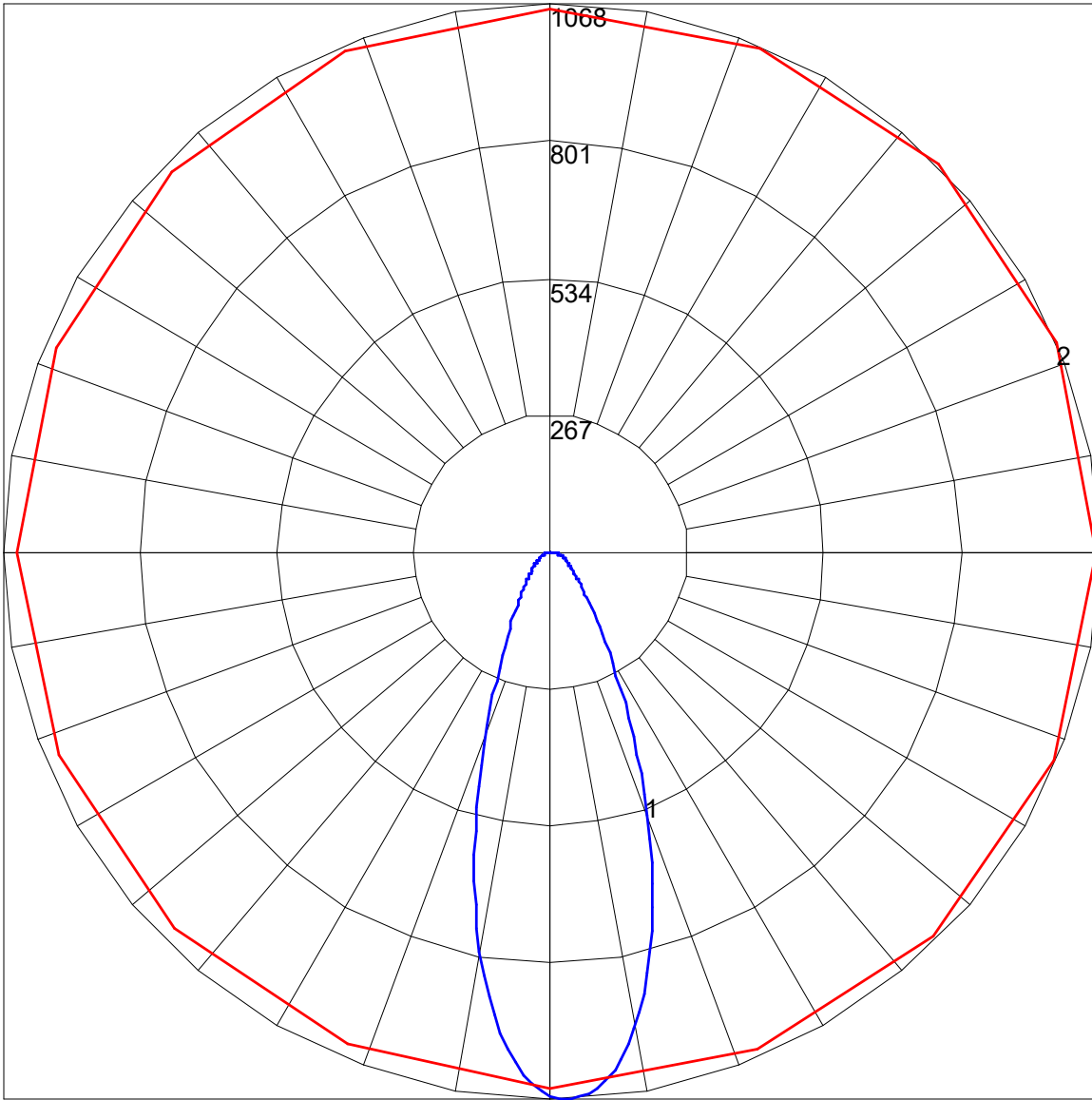
**IES INDOOR REPORT**  
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**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91
2	106	101	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83
3	100	93	88	83	98	92	87	82	89	85	81	86	83	80	84	81	79	77
4	95	87	81	76	93	85	80	75	83	78	75	81	77	74	79	76	73	71
5	90	81	75	70	88	80	74	70	78	73	69	76	72	68	75	71	68	66
6	86	76	70	65	84	75	69	65	74	68	64	72	68	64	71	67	64	62
7	81	72	65	61	80	71	65	61	70	64	61	69	64	60	67	63	60	58
8	78	68	62	57	76	67	61	57	66	61	57	65	60	57	64	60	57	55
9	74	64	58	54	73	64	58	54	63	58	54	62	57	54	61	57	54	52
10	71	61	55	51	70	61	55	51	60	55	51	59	54	51	58	54	51	50

POLAR GRAPH



Maximum Candela = 1067.64 Located At Horizontal Angle = 45, Vertical Angle = 2  
# 1 - Vertical Plane Through Horizontal Angles (45 - 225) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)