

EYELITE™

from EYE Lighting

IES INDOOR REPORT

PHOTOMETRIC FILENAME : HB1-L15-740-WA-UNV-010-WH-03.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co. Ltd

[TESTDATE] 2015-07-10

[ISSUEDATE] 2015-07-10 11:22:31

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] EYELITE

[LUMINAIRE] HB1-L15-740-WA-UNV-010-WH-03

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15418
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	152
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.22
Spacing Criterion (Diagonal)	1.04
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	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08
1	10024.80	10002.06	10000.63	10008.23	10070.11	10047.27	10048.32	10031.67	10027.25	10012.04
2	9985.84	9964.23	9964.48	9988.00	10062.54	10024.55	10039.61	10027.00	10010.04	10005.31
3	9945.79	9932.53	9915.38	9958.05	10000.62	9983.99	9993.69	9977.15	9984.20	9973.48
4	9864.30	9877.73	9884.20	9913.39	9977.70	9949.12	9927.13	9957.82	9933.70	9919.02
5	9843.01	9851.35	9881.11	9898.25	9935.41	9908.17	9925.31	9919.60	9884.95	9876.07
6	9805.24	9837.82	9864.41	9844.63	9897.42	9885.27	9909.35	9877.50	9842.78	9824.20
7	9745.06	9767.85	9804.88	9807.05	9864.23	9861.15	9861.09	9843.23	9800.57	9786.00
8	9711.13	9704.36	9774.88	9776.54	9879.85	9866.17	9852.02	9830.01	9778.73	9779.62
9	9699.70	9662.27	9758.31	9785.81	9874.70	9847.60	9867.57	9838.06	9797.78	9777.74
10	9679.36	9619.37	9718.92	9763.39	9829.47	9806.44	9814.12	9825.00	9774.99	9773.16
11	9645.28	9600.53	9661.36	9721.22	9825.87	9805.85	9794.37	9821.60	9777.62	9777.12
12	9666.44	9634.50	9654.77	9705.41	9860.05	9857.77	9831.51	9870.09	9843.82	9823.14
13	9732.86	9678.59	9679.81	9705.33	9910.63	9908.87	9891.92	9933.56	9968.39	9964.86
14	9761.62	9738.75	9697.26	9731.77	9980.62	9936.67	9936.91	9990.85	10060.52	10016.60
15	9931.64	9807.68	9789.38	9851.41	10250.74	10155.56	10238.29	10188.20	10212.22	10147.13
16	10070.31	10165.56	10084.40	10059.18	10260.85	10200.53	10286.30	10255.93	10465.43	10236.27
17	10387.47	10188.72	10336.99	10061.19	10409.44	10462.65	10341.49	10402.86	10536.68	10484.92
18	10385.23	10471.60	10316.06	10270.46	10512.37	10634.79	10520.75	10680.21	10629.77	10796.68
19	10661.96	10572.55	10477.85	10518.83	10687.53	10699.39	10725.93	10766.43	10809.87	10767.73
20	10767.80	10655.01	10718.44	10589.68	10919.16	10942.48	10835.54	10841.98	11005.23	11022.19
21	11011.84	11094.80	10885.56	10782.74	11039.33	10990.53	11010.73	10977.10	11017.56	11066.15
22	11186.82	11010.74	11018.73	10903.00	11091.34	11037.42	11143.86	11001.06	11106.65	11125.68
23	11138.55	11227.05	11112.73	11024.68	11122.72	11034.46	11062.26	11019.42	11213.85	11171.92
24	11244.16	11179.93	11105.38	11004.28	11022.00	11019.59	11008.19	10940.42	11023.51	11116.91
25	11143.90	11130.25	11011.48	10942.62	10842.53	10898.12	10983.76	10817.10	10940.77	10915.81
26	11110.34	11073.61	10928.88	10769.88	10722.66	10745.70	10786.85	10714.91	10773.04	10852.80
27	10933.98	10902.44	10725.13	10610.66	10344.71	10361.90	10491.82	10311.51	10408.91	10446.54
28	10539.50	10484.91	10342.81	10221.99	9848.10	9907.45	10003.50	9869.86	9989.30	10110.11
29	10085.75	9980.78	9867.54	9641.18	9313.14	9349.96	9451.42	9314.14	9374.80	9529.32
30	9519.99	9528.16	9259.80	9153.22	8661.99	8706.76	8790.04	8641.63	8694.70	8880.18
31	8856.41	8858.63	8674.32	8538.09	8023.08	8033.26	8128.34	8010.58	8153.56	8231.68
32	8230.88	8106.83	7942.75	7821.93	7289.92	7296.35	7455.07	7272.07	7383.94	7448.70
33	7447.71	7306.27	7153.15	7100.17	6471.31	6464.80	6644.11	6570.23	6640.64	6633.98
34	6585.46	6481.63	6460.21	6365.47	5640.39	5681.98	5828.19	5783.13	5884.85	5837.00
35	5742.10	5653.76	5708.46	5579.75	4884.48	4972.24	5071.35	5025.27	5136.84	5175.16
36	4910.99	4879.96	4949.34	4785.99	4182.33	4240.67	4355.70	4304.69	4423.94	4492.06
37	4120.88	4163.80	4167.07	4042.62	3589.12	3631.67	3745.26	3720.02	3820.75	3882.29
38	3447.20	3468.36	3470.90	3439.41	2995.90	3022.66	3134.82	3135.35	3217.56	3272.53
39	2889.88	2875.49	2789.51	2839.75	2404.31	2414.93	2525.64	2551.94	2615.93	2664.17
40	2385.85	2355.94	2313.71	2345.95	2053.10	1997.30	2105.24	2156.45	2244.01	2265.22
41	2007.06	1982.22	1938.34	1952.25	1769.85	1717.00	1820.34	1885.79	1957.23	1988.66
42	1686.12	1748.58	1746.70	1752.07	1542.79	1499.31	1601.23	1654.66	1713.16	1771.18
43	1538.83	1582.79	1558.77	1557.54	1415.97	1364.59	1429.12	1507.67	1547.20	1601.94
44	1393.10	1417.58	1370.85	1363.01	1386.24	1330.16	1393.94	1469.03	1494.29	1563.53
45	1362.92	1386.31	1338.13	1329.76	1350.29	1289.70	1351.43	1429.92	1453.34	1521.94
46	1325.39	1348.27	1297.58	1297.40	1314.31	1249.63	1306.33	1383.52	1404.51	1470.44
47	1290.51	1308.80	1258.69	1260.88	1272.32	1209.50	1263.37	1340.33	1356.79	1422.21
48	1252.64	1273.36	1220.67	1226.85	1236.23	1173.11	1224.05	1297.70	1315.37	1374.89
49	1218.65	1240.50	1186.89	1192.97	1199.34	1137.27	1185.39	1258.07	1273.38	1331.58
50	1186.43	1209.43	1153.30	1163.68	1165.08	1102.09	1146.39	1215.55	1223.77	1287.69
51	1149.01	1172.86	1115.65	1127.48	1127.70	1066.64	1110.13	1175.95	1180.45	1243.97
52	1113.50	1137.45	1083.21	1093.20	1092.02	1026.59	1069.76	1134.46	1133.21	1197.56
53	1076.71	1100.24	1048.60	1055.92	1056.71	990.75	1033.12	1089.98	1085.68	1152.96

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CANDELA TABULATION - (Cont.)

54	1042.54	1065.56	1018.21	1022.98	1019.97	956.47	996.95	1046.05	1040.35	1102.52
55	1006.05	1029.79	984.80	983.48	977.97	920.79	959.09	1001.96	995.62	1053.88
56	970.39	991.59	951.62	945.23	939.80	886.09	923.65	958.10	954.56	1008.30
57	931.94	956.53	920.31	912.24	901.45	851.83	889.69	920.18	911.97	968.30
58	896.83	922.16	891.95	875.19	863.48	819.00	853.55	876.77	872.89	927.78
59	863.13	886.67	856.99	842.43	824.80	781.16	811.77	831.93	830.77	884.11
60	825.56	846.10	820.50	799.08	783.90	743.29	771.54	789.91	786.24	839.16
61	786.43	806.41	783.53	759.11	742.59	704.68	733.94	744.80	743.25	792.94
62	745.78	764.91	743.38	717.47	704.31	669.44	693.18	704.71	705.92	748.89
63	709.18	726.78	706.76	682.19	666.34	636.47	656.48	664.67	669.15	705.94
64	674.17	689.85	672.03	647.18	629.74	602.94	615.87	624.03	632.09	663.14
65	636.07	649.49	637.46	612.67	589.10	565.01	576.19	582.28	592.58	622.98
66	600.41	610.25	600.82	578.59	550.63	528.26	536.04	540.81	553.65	583.70
67	562.70	571.22	562.27	541.98	515.94	493.68	499.53	504.41	516.68	546.17
68	525.85	532.88	526.68	506.38	480.65	458.88	459.88	466.45	481.25	508.21
69	489.28	495.24	488.71	470.56	445.87	423.87	424.79	430.71	445.73	468.89
70	453.08	459.04	452.22	438.36	416.20	393.84	391.49	397.91	413.26	434.21
71	418.18	424.95	418.81	407.16	386.58	366.30	360.31	367.64	382.84	399.85
72	386.92	392.72	388.60	378.09	358.34	340.51	330.72	337.95	353.84	365.49
73	357.37	360.40	357.49	350.07	327.81	310.03	299.74	307.91	320.47	333.54
74	328.51	330.16	328.63	322.17	298.80	284.05	270.36	279.64	292.84	303.05
75	299.04	301.55	300.44	296.27	270.26	257.55	245.20	251.50	265.42	276.35
76	273.64	274.80	274.26	270.38	245.19	233.95	225.28	228.32	240.63	252.19
77	250.22	250.40	249.78	247.16	223.69	215.09	206.50	207.43	219.35	233.74
78	229.14	230.06	227.71	226.19	207.95	198.60	194.21	193.16	204.31	217.98
79	215.65	215.33	210.59	210.31	198.71	189.29	184.84	184.41	194.91	206.68
80	208.34	205.89	200.58	200.26	192.30	184.08	178.72	180.23	188.19	197.80
81	203.00	198.13	193.33	191.96	185.38	177.82	172.05	174.84	182.35	190.97
82	195.60	188.13	184.30	183.45	175.90	167.63	164.23	166.31	172.95	180.89
83	185.59	178.03	175.63	173.59	165.20	158.06	154.52	155.63	160.85	168.17
84	173.95	164.83	165.26	162.67	154.08	146.51	143.37	142.93	147.18	153.86
85	159.35	151.91	153.07	151.17	140.17	134.01	129.77	128.41	132.27	139.13
86	144.25	138.00	140.46	139.58	129.68	123.69	119.01	116.06	120.21	126.09
87	130.82	126.36	128.08	127.89	121.22	115.91	109.35	107.06	111.07	115.82
88	122.17	116.65	117.71	118.07	110.95	104.91	100.81	99.66	104.44	108.25
89	113.62	107.63	107.68	108.55	96.39	92.07	90.56	88.22	95.66	98.28
90	106.34	100.76	97.02	95.89	87.18	83.79	78.07	60.99	72.23	69.91
91	98.75	90.63	89.84	86.45	76.10	71.93	56.02	32.87	39.31	36.06
92	70.57	61.55	76.64	76.28	63.71	57.49	38.46	25.60	25.81	25.65
93	38.71	35.75	57.89	62.71	50.82	44.01	30.29	31.00	25.02	27.16
94	30.23	30.30	39.23	47.93	39.75	36.03	28.69	54.39	42.95	50.21
95	33.23	39.01	32.73	37.00	36.43	34.13	28.81	60.36	58.74	57.81
96	54.59	60.53	31.52	33.24	36.35	34.44	32.16	56.83	58.09	54.04
97	63.81	62.03	31.57	32.61	37.33	35.87	37.33	51.11	52.91	47.73
98	59.77	56.62	34.62	32.60	43.41	39.35	38.16	45.95	47.41	42.06
99	54.94	51.68	37.94	37.72	51.55	45.15	37.09	41.77	42.51	37.11
100	51.93	48.61	38.40	41.93	59.71	48.73	37.09	39.28	39.08	34.35
101	49.58	44.89	38.30	47.99	64.56	48.08	37.36	37.98	36.44	32.40
102	45.58	42.85	37.81	53.70	63.22	47.80	36.89	36.14	35.56	31.96
103	40.19	38.15	37.86	55.09	60.88	46.66	34.20	33.13	35.36	32.01
104	35.04	32.54	36.46	53.37	56.21	44.65	30.68	29.86	33.77	31.72
105	31.23	28.89	31.50	50.94	51.51	43.03	27.87	26.71	31.26	30.10
106	28.29	25.96	28.27	48.07	47.20	40.72	25.56	24.02	28.30	28.22
107	26.14	24.34	26.81	45.25	44.40	38.93	24.12	22.31	25.18	25.33
108	24.85	23.55	25.96	43.11	41.50	36.87	22.87	21.38	22.81	23.16
109	24.20	23.06	25.31	40.80	38.16	34.75	22.10	20.77	21.31	21.72

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CANDELA TABULATION - (Cont.)

110	23.47	22.67	24.91	37.89	35.44	32.33	21.32	20.21	20.08	20.94
111	22.29	22.08	24.64	35.26	33.51	30.65	20.46	19.35	18.73	20.07
112	21.07	21.46	24.14	33.24	31.86	29.11	20.19	18.57	17.69	19.25
113	19.88	20.60	23.49	31.39	30.22	27.97	20.13	17.26	16.54	18.42
114	18.82	19.50	22.67	29.77	28.39	26.69	20.24	15.26	15.71	16.20
115	17.71	17.19	22.21	28.14	26.95	25.69	20.24	13.70	15.25	14.37
116	16.41	15.18	22.10	26.78	25.55	24.34	20.24	14.19	13.57	14.80
117	14.42	15.07	21.93	25.54	24.16	23.28	20.25	15.43	12.66	15.88
118	13.17	15.71	21.67	24.25	23.52	22.42	20.35	17.15	13.75	17.55
119	13.73	17.08	21.55	23.50	23.52	21.87	20.47	17.15	15.03	17.49
120	15.27	17.93	21.55	23.10	23.74	21.54	20.69	16.77	16.91	17.43
121	17.09	18.04	21.49	22.83	23.96	21.27	20.96	16.49	18.03	17.27
122	18.56	17.99	21.55	22.55	24.12	21.27	21.40	16.44	18.14	17.04
123	18.68	17.40	21.66	22.44	24.23	21.38	21.78	16.60	18.25	16.50
124	18.74	17.06	21.60	22.33	24.29	21.66	22.22	17.10	18.19	15.95
125	19.13	17.00	21.93	22.22	24.62	22.15	22.67	17.54	18.25	15.95
126	19.34	17.00	22.26	22.21	24.78	22.43	23.05	18.09	17.97	15.90
127	19.40	17.16	22.48	22.43	24.95	23.21	23.38	18.82	17.76	16.19
128	18.60	17.48	22.64	22.76	24.89	23.91	23.70	19.63	18.14	16.73
129	18.41	17.98	22.76	23.36	25.06	24.69	24.10	20.52	18.75	17.34
130	18.47	18.65	22.87	23.93	25.17	25.50	24.74	21.44	19.19	17.99
131	18.90	19.29	23.03	24.36	25.44	26.17	25.08	22.22	20.01	18.93
132	19.29	20.51	23.09	24.59	25.78	27.01	25.58	24.12	20.75	19.84
133	19.84	21.95	23.20	25.14	26.27	27.87	26.01	25.69	21.78	21.14
134	20.33	23.47	23.31	25.25	26.88	28.64	26.28	26.84	22.89	22.32
135	20.92	24.18	23.36	25.47	27.67	29.15	26.51	27.74	23.89	24.26
136	21.64	25.12	23.74	25.91	28.59	29.85	26.78	28.49	24.80	25.94
137	22.53	25.80	23.70	26.14	29.55	30.58	27.06	29.16	25.83	27.29
138	23.28	26.23	23.75	26.25	30.89	31.38	27.49	30.07	26.27	28.61
139	23.69	26.84	23.64	26.85	32.18	32.16	27.72	31.34	26.26	30.93
140	23.69	28.27	23.64	27.02	33.48	32.81	28.26	33.49	25.72	33.56
141	22.93	30.39	23.59	27.30	34.84	33.59	29.32	35.36	24.45	34.62
142	21.48	31.96	24.02	27.79	35.73	34.12	30.55	36.13	24.32	35.48
143	21.11	32.66	25.16	27.91	36.44	34.07	31.89	36.46	29.77	35.54
144	26.82	33.33	26.66	28.01	37.04	34.07	33.23	37.63	33.55	35.43
145	29.70	33.66	28.33	28.13	37.03	34.00	34.89	39.00	34.79	35.75
146	30.87	34.21	30.23	27.80	36.43	33.61	36.41	39.71	36.41	37.31
147	31.66	34.71	32.17	26.61	36.31	32.85	37.97	40.48	37.65	37.96
148	32.25	35.36	34.02	25.87	35.43	32.42	39.47	41.13	38.43	38.96
149	33.08	36.42	35.92	25.48	33.95	32.51	40.85	41.85	39.37	39.50
150	34.21	37.49	37.70	25.64	33.18	33.36	42.25	42.28	40.12	39.44
151	35.22	38.17	39.17	27.04	32.87	34.49	43.87	42.88	40.45	39.51
152	36.14	38.98	40.36	28.58	33.71	35.73	45.17	42.93	40.56	39.84
153	37.14	39.54	41.48	30.43	34.90	36.95	46.59	42.82	40.84	40.55
154	37.87	39.99	42.21	32.01	35.72	38.39	47.53	42.70	40.78	40.98
155	38.24	40.48	42.81	33.84	37.15	39.96	48.45	42.16	40.55	40.87
156	38.25	40.71	43.20	36.37	39.31	41.50	48.61	41.52	40.00	40.65
157	37.93	41.19	43.52	38.30	41.56	43.70	48.61	41.90	38.52	39.82
158	37.43	41.20	43.64	39.78	44.20	45.14	48.61	43.91	36.93	38.05
159	36.55	38.25	43.75	41.43	45.63	46.68	48.73	46.48	36.43	36.78
160	34.77	36.56	44.19	41.94	47.65	47.42	48.99	47.50	37.94	37.96
161	33.80	39.39	44.73	42.71	48.59	47.37	49.05	47.84	41.94	41.50
162	37.71	43.84	45.44	43.43	49.45	47.37	49.10	48.22	45.51	45.02
163	42.98	45.86	45.63	44.09	49.51	47.37	49.38	48.65	47.16	46.76
164	45.23	46.31	45.68	44.43	49.62	47.62	49.38	48.72	47.32	46.83
165	46.21	47.02	45.68	44.48	49.90	48.45	49.65	49.04	47.76	47.26

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CANDELA TABULATION - (Cont.)

166	46.99	47.14	45.74	44.54	50.22	49.52	49.70	49.09	48.26	47.64
167	47.96	47.79	45.85	45.42	50.27	49.90	49.48	49.09	48.70	48.20
168	48.86	48.41	46.18	46.42	49.50	49.49	49.03	48.75	48.68	48.91
169	49.61	48.78	47.14	47.18	48.18	48.02	47.90	48.21	48.09	49.29
170	49.79	48.80	47.44	47.19	47.14	46.92	47.21	47.77	47.74	49.73
171	50.01	47.94	47.39	46.04	45.65	45.45	46.22	46.94	46.91	49.51
172	49.42	47.26	47.12	45.32	43.56	43.71	45.02	45.82	45.92	48.93
173	48.51	46.46	46.80	44.71	42.20	42.37	43.89	44.83	44.57	47.67
174	47.50	45.46	45.92	44.16	42.49	42.49	43.51	43.47	43.58	46.13
175	46.34	44.51	45.08	43.88	43.96	43.85	43.45	42.81	42.43	44.55
176	45.80	44.18	45.34	44.87	44.29	44.28	42.72	41.71	41.14	43.46
177	44.31	43.74	45.41	44.93	43.57	43.46	41.57	40.95	39.85	41.35
178	42.80	43.04	44.71	43.44	42.25	42.17	39.83	40.57	39.63	40.08
179	41.57	42.48	43.71	41.72	41.05	41.00	39.95	40.69	39.85	39.45
180	40.28	40.28	40.28	40.28	40.28	40.28	40.28	40.28	40.28	40.28

Vert. Angles **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	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08	10069.08
1	10024.41	10033.22	10128.92	10107.78	10079.87	10061.34	10024.80
2	10017.50	10022.48	10081.85	10055.82	10038.55	10017.51	9985.84
3	9965.55	10010.05	10064.36	10029.86	10033.58	9974.36	9945.79
4	9919.30	9925.49	10021.01	9981.85	9964.09	9878.07	9864.30
5	9888.81	9856.43	9966.78	9934.98	9892.20	9826.19	9843.01
6	9873.99	9842.77	9891.98	9897.84	9830.75	9765.65	9805.24
7	9826.49	9798.29	9825.66	9852.03	9807.64	9731.13	9745.06
8	9809.60	9753.48	9784.66	9790.27	9742.92	9700.23	9711.13
9	9807.11	9752.21	9756.66	9743.80	9724.28	9704.65	9699.70
10	9799.77	9748.12	9750.09	9718.68	9704.54	9692.27	9679.36
11	9720.04	9749.55	9722.82	9680.26	9663.54	9647.37	9645.28
12	9763.73	9775.01	9719.50	9641.33	9643.51	9646.65	9666.44
13	9781.52	9828.80	9783.24	9673.12	9722.27	9739.45	9732.86
14	10064.74	9934.65	9849.27	9728.19	9776.58	9764.04	9761.62
15	10187.38	10168.37	9944.44	9763.46	10005.54	9852.77	9931.64
16	10442.04	10235.20	10068.45	9941.18	10190.87	9979.40	10070.31
17	10341.83	10509.58	10356.60	9968.33	10378.77	10048.53	10387.47
18	10421.59	10560.02	10351.71	10223.76	10212.59	10305.45	10385.23
19	10773.68	10535.01	10546.12	10417.08	10456.55	10673.52	10661.96
20	10766.25	10808.21	10523.96	10473.25	10747.07	10654.33	10767.80
21	10895.53	10764.86	10734.76	10765.18	10720.54	10915.93	11011.84
22	11023.43	10827.33	10814.15	10862.87	10906.81	11023.10	11186.82
23	10953.93	10858.87	10752.92	10975.78	11055.66	11167.99	11138.55
24	10890.29	10670.83	10738.42	10916.99	11059.86	11166.80	11244.16
25	10800.65	10566.97	10675.50	10883.78	10915.35	11123.04	11143.90
26	10552.88	10330.54	10545.03	10737.18	10854.37	11012.48	11110.34
27	10378.89	10065.16	10357.78	10645.90	10721.25	10865.59	10933.98
28	9974.41	9608.12	10145.36	10333.12	10394.87	10507.46	10539.50
29	9312.31	9098.78	9809.04	9868.69	9954.62	9975.76	10085.75
30	8740.22	8519.74	9199.39	9310.93	9370.91	9557.92	9519.99
31	8079.59	7947.98	8562.96	8792.15	8733.76	8883.37	8856.41
32	7338.92	7119.22	7939.26	8062.71	8025.48	8119.36	8230.88
33	6517.12	6377.58	7238.13	7305.67	7295.38	7336.38	7447.71
34	5711.27	5627.14	6418.36	6545.17	6465.50	6545.92	6585.46
35	4971.78	4927.32	5676.15	5776.41	5693.70	5721.85	5742.10
36	4299.97	4198.55	4976.52	5012.11	4961.27	4932.09	4910.99

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CANDELA TABULATION - (Cont.)

37	3766.57	3656.51	4263.50	4239.32	4220.97	4174.00	4120.88
38	3233.16	3114.46	3623.39	3573.98	3521.91	3484.32	3447.20
39	2700.53	2573.62	3026.25	2993.83	2906.64	2857.06	2889.88
40	2283.53	2213.70	2538.37	2472.69	2381.41	2431.01	2385.85
41	1967.53	1944.00	2202.44	2111.71	2067.59	2025.20	2007.06
42	1751.17	1718.99	1922.71	1817.36	1827.02	1740.07	1686.12
43	1585.41	1545.43	1697.50	1687.37	1696.05	1572.22	1538.83
44	1538.45	1505.08	1596.31	1558.87	1566.06	1405.40	1393.10
45	1497.93	1463.90	1497.96	1430.36	1436.06	1365.32	1362.92
46	1449.05	1420.74	1459.94	1389.81	1391.63	1324.34	1325.39
47	1402.75	1375.90	1416.15	1343.59	1348.50	1281.51	1290.51
48	1362.69	1335.18	1373.05	1304.37	1310.53	1241.08	1252.64
49	1320.77	1295.09	1334.81	1264.82	1276.16	1203.42	1218.65
50	1272.40	1254.22	1297.97	1231.67	1241.97	1171.65	1186.43
51	1229.29	1215.09	1258.74	1195.31	1205.46	1134.85	1149.01
52	1185.71	1172.22	1217.55	1159.41	1172.23	1099.48	1113.50
53	1140.51	1131.37	1177.96	1122.78	1134.92	1066.18	1076.71
54	1092.89	1090.63	1139.41	1086.75	1102.78	1033.19	1042.54
55	1043.99	1047.77	1101.55	1049.49	1066.19	997.41	1006.05
56	997.04	1002.05	1058.01	1010.14	1029.53	962.90	970.39
57	960.86	963.70	1017.32	973.77	996.35	929.08	931.94
58	920.10	925.56	976.93	937.58	963.19	893.96	896.83
59	875.65	885.94	938.52	899.90	927.73	860.49	863.13
60	830.59	843.90	897.62	861.45	891.88	826.97	825.56
61	785.04	797.03	856.41	821.51	851.81	788.63	786.43
62	744.85	754.14	811.92	777.38	809.22	747.88	745.78
63	707.60	714.18	770.59	734.56	769.76	710.29	709.18
64	669.81	677.84	732.24	698.23	731.26	674.44	674.17
65	632.65	636.20	690.85	656.68	691.19	636.71	636.07
66	597.04	596.95	648.90	617.98	650.36	597.40	600.41
67	560.12	559.92	608.62	578.11	608.42	560.02	562.70
68	523.12	521.03	570.25	540.13	568.37	521.03	525.85
69	485.54	482.44	527.77	500.71	527.83	485.03	489.28
70	447.14	445.92	484.11	463.64	488.74	451.56	453.08
71	413.35	413.21	445.67	430.95	452.79	421.78	418.18
72	381.65	380.58	408.89	400.05	419.46	392.74	386.92
73	348.81	348.65	376.53	369.88	388.12	365.02	357.37
74	318.68	320.63	343.12	340.57	356.86	335.96	328.51
75	289.58	292.32	313.29	314.06	325.57	309.85	299.04
76	266.44	268.80	284.93	288.03	298.46	283.99	273.64
77	245.07	247.36	262.05	264.29	273.02	261.41	250.22
78	231.05	233.07	240.35	244.00	253.58	240.30	229.14
79	220.49	224.41	225.87	229.24	238.32	225.27	215.65
80	212.31	216.87	217.23	221.69	229.71	219.86	208.34
81	205.80	209.75	211.78	216.47	226.75	216.40	203.00
82	195.38	199.91	206.22	211.83	220.01	208.54	195.60
83	182.46	187.27	198.62	204.30	209.13	198.07	185.59
84	166.58	173.95	188.01	193.93	196.27	185.85	173.95
85	151.43	158.60	175.95	181.08	182.89	170.82	159.35
86	136.81	146.65	163.54	166.45	165.09	152.12	144.25
87	125.77	134.92	151.56	152.41	149.56	138.17	130.82
88	115.16	121.77	140.71	142.06	137.62	129.34	122.17
89	105.34	107.77	124.91	126.67	125.39	120.02	113.62
90	87.83	93.38	109.75	111.28	116.43	111.06	106.34
91	63.03	74.88	96.13	97.99	104.33	92.24	98.75
92	40.32	55.61	78.69	79.53	81.26	55.16	70.57

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CANDELA TABULATION - (Cont.)

93	28.46	39.82	60.42	61.03	55.44	33.04	38.71
94	25.23	30.13	43.64	43.88	36.86	29.49	30.23
95	24.43	26.84	33.64	34.03	31.77	48.41	33.23
96	25.25	26.07	28.85	30.35	30.84	67.22	54.59
97	27.39	29.11	27.55	29.41	31.91	65.45	63.81
98	27.43	33.24	29.28	31.42	36.44	60.12	59.77
99	26.89	39.73	36.63	34.33	39.78	54.40	54.94
100	26.90	46.62	42.97	38.90	41.13	50.10	51.93
101	27.28	51.62	52.09	44.18	40.49	46.35	49.58
102	28.22	55.77	60.67	46.72	38.23	42.14	45.58
103	29.08	56.64	63.96	47.56	34.19	37.72	40.19
104	28.38	54.22	61.81	46.62	29.30	33.74	35.04
105	28.09	50.96	57.31	45.79	26.70	30.15	31.23
106	27.61	46.41	52.57	44.50	25.22	27.10	28.29
107	25.88	42.95	48.30	42.46	24.21	25.05	26.14
108	24.36	40.05	44.29	40.89	23.49	24.03	24.85
109	24.13	36.60	40.92	39.29	22.95	23.28	24.20
110	23.62	33.82	37.55	36.84	22.72	22.60	23.47
111	22.92	31.65	34.86	34.20	22.29	21.95	22.29
112	22.15	29.72	32.66	32.28	21.68	21.01	21.07
113	21.43	28.12	30.34	30.44	20.93	20.20	19.88
114	20.94	26.50	28.45	28.79	20.47	18.67	18.82
115	20.60	25.06	26.82	27.06	20.14	16.13	17.71
116	20.28	23.65	25.31	25.37	20.13	14.55	16.41
117	20.00	22.35	24.03	24.08	20.13	14.46	14.42
118	19.89	21.22	23.10	22.90	20.13	16.06	13.17
119	19.89	20.88	22.33	22.06	20.13	17.56	13.73
120	19.89	20.34	22.04	21.65	20.13	17.97	15.27
121	19.89	20.34	21.98	21.33	20.19	18.03	17.09
122	20.01	20.34	21.98	21.21	20.41	18.03	18.56
123	20.17	20.39	21.98	21.21	20.62	18.03	18.68
124	20.39	20.45	21.98	21.16	20.68	17.76	18.74
125	20.44	20.56	22.03	21.10	20.90	17.26	19.13
126	20.72	20.89	22.20	21.10	20.90	17.21	19.34
127	20.89	21.56	22.47	21.37	21.28	17.15	19.40
128	21.22	21.94	22.42	21.80	21.45	17.21	18.60
129	21.55	22.50	22.42	22.52	21.83	17.58	18.41
130	22.04	23.05	22.42	23.08	22.27	18.25	18.47
131	22.43	23.60	22.63	23.78	22.70	18.79	18.90
132	23.05	24.22	22.64	24.29	23.15	19.46	19.29
133	23.59	24.82	22.85	24.95	23.54	20.50	19.84
134	24.43	25.60	23.24	25.33	24.13	21.42	20.33
135	25.04	26.57	23.99	26.13	24.41	22.34	20.92
136	25.63	27.88	24.55	26.70	24.58	23.46	21.64
137	26.40	29.24	25.38	26.93	24.85	24.08	22.53
138	27.28	30.17	26.19	27.25	25.01	24.83	23.28
139	27.62	30.80	26.81	27.58	25.13	25.83	23.69
140	28.00	31.56	27.64	27.81	25.07	27.54	23.69
141	28.45	32.39	28.29	28.35	25.07	29.38	22.93
142	29.19	33.01	29.10	28.63	25.07	30.58	21.48
143	30.32	33.71	29.66	29.17	25.13	31.21	21.11
144	31.84	33.93	30.16	29.51	25.40	31.66	26.82
145	33.67	33.92	30.44	29.51	26.74	31.99	29.70
146	35.36	33.58	30.60	29.56	28.07	31.99	30.87
147	36.87	32.71	30.55	29.03	29.46	32.43	31.66
148	38.71	32.00	29.90	28.04	30.70	32.92	32.25

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CANDELA TABULATION - (Cont.)

149	40.49	32.07	28.99	27.15	31.99	33.31	33.08
150	41.94	32.83	27.73	26.50	33.53	34.12	34.21
151	42.55	34.41	26.71	26.54	35.16	35.06	35.22
152	42.76	35.88	26.01	27.99	36.82	35.55	36.14
153	42.71	37.55	25.40	29.60	38.38	36.22	37.14
154	42.71	39.23	25.44	31.16	39.51	36.78	37.87
155	42.71	41.30	26.20	33.04	40.68	37.42	38.24
156	42.76	43.31	27.30	34.99	41.25	38.25	38.25
157	42.76	44.49	28.81	38.37	41.90	39.06	37.93
158	43.33	45.32	31.29	40.32	42.24	39.20	37.43
159	44.21	45.59	34.04	40.55	42.57	36.89	36.55
160	44.69	45.65	36.88	41.80	42.79	36.08	34.77
161	44.86	45.99	38.89	42.45	43.06	39.41	33.80
162	45.13	46.37	40.84	43.02	43.76	43.54	37.71
163	45.41	46.87	41.92	43.36	44.70	45.23	42.98
164	45.76	47.66	42.52	43.95	45.25	45.94	45.23
165	46.42	48.24	42.80	44.45	45.91	46.45	46.21
166	47.17	48.19	43.68	45.28	46.19	47.06	46.99
167	48.27	48.19	44.39	45.88	46.57	47.65	47.96
168	48.49	48.06	44.78	46.21	46.96	48.43	48.86
169	48.55	47.36	44.84	46.80	47.23	48.65	49.61
170	48.88	47.13	44.51	46.66	47.18	48.87	49.79
171	48.81	46.58	43.76	46.01	46.86	48.76	50.01
172	48.48	46.23	43.14	45.51	46.69	48.49	49.42
173	47.99	45.47	42.18	44.71	46.37	48.06	48.51
174	47.33	44.97	41.23	43.81	45.39	47.08	47.50
175	46.18	44.04	40.39	42.92	44.28	46.02	46.34
176	45.45	43.69	41.14	42.92	44.22	46.28	45.80
177	44.68	42.94	41.92	44.34	44.55	46.29	44.31
178	43.38	42.76	41.93	44.40	44.60	44.89	42.80
179	41.71	42.44	41.71	43.32	43.63	42.81	41.57
180	40.28	40.28	40.28	40.28	40.28	40.28	40.28

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3820.91	N.A.	24.80
0-30	8699.34	N.A.	56.40
0-40	12046.72	N.A.	78.10
0-60	14110.26	N.A.	91.50
0-80	15045.27	N.A.	97.60
0-90	15211.31	N.A.	98.70
10-90	14271.81	N.A.	92.60
20-40	8225.81	N.A.	53.40
20-50	9382.25	N.A.	60.90
40-70	2683.08	N.A.	17.40
60-80	935.01	N.A.	6.10
70-80	315.46	N.A.	2.00
80-90	166.05	N.A.	1.10
90-110	91.92	N.A.	0.60
90-120	113.82	N.A.	0.70
90-130	132.16	N.A.	0.90
90-150	171.64	N.A.	1.10
90-180	206.94	N.A.	1.30
110-180	115.02	N.A.	0.70
0-180	15418.25	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	939.51
10-20	2881.4
20-30	4878.43
30-40	3347.38
40-50	1156.45
50-60	907.09
60-70	619.54
70-80	315.46
80-90	166.05
90-100	52.96
100-110	38.95
110-120	21.91
120-130	18.33
130-140	19.37
140-150	20.11
150-160	17.93
160-170	13.04
170-180	4.33

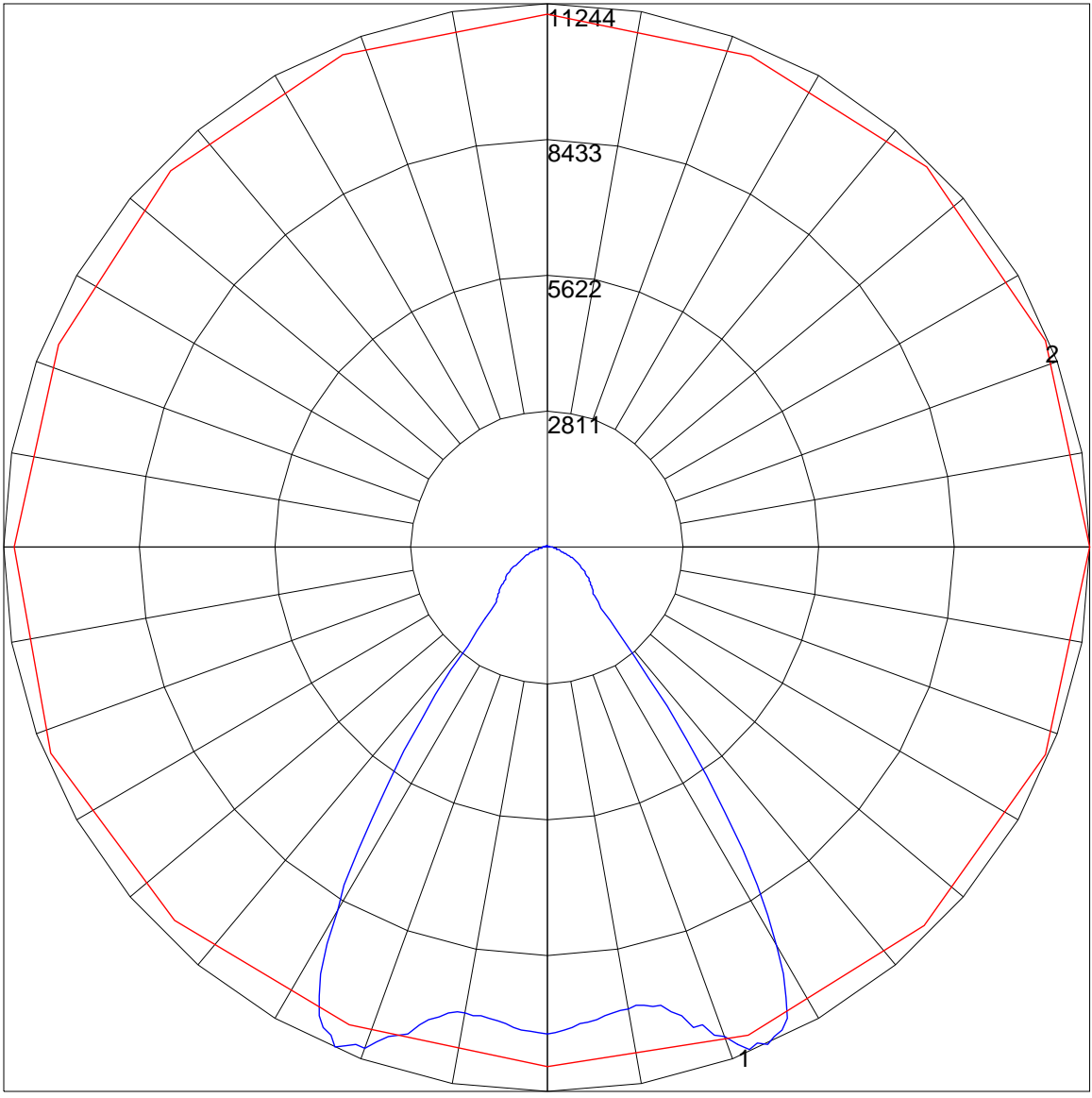
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	111	108	105	102	109	106	103	100	101	99	97	97	95	94	94	92	91	89
2	104	98	93	89	102	96	92	88	93	89	86	90	86	84	87	84	82	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	80	77	74	72
4	92	83	76	71	90	81	75	70	79	74	69	77	72	68	74	71	67	66
5	86	76	69	64	84	75	69	64	73	67	63	71	66	62	69	65	62	60
6	81	71	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55
7	76	66	58	54	75	65	58	53	63	57	53	62	57	53	60	56	52	51
8	72	61	54	49	71	60	54	49	59	53	49	58	52	49	57	52	48	47
9	68	57	50	46	67	56	50	46	55	49	45	54	49	45	53	48	45	43
10	64	53	47	42	63	53	47	42	52	46	42	51	46	42	50	45	42	40

POLAR GRAPH



Maximum Candela = 11244.16 Located At Horizontal Angle = 0, Vertical Angle = 24
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (24) (Through Max. Cd.)