

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM4K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-50023E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-12-01
[ISSUEDATE] 2022-12-01 11:37:26
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL40HTT3-34000LM4K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	35140
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	246.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.58
Spacing Criterion (Diagonal)	1.52
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.30 m
Luminous Width (90-270)	0.28 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	102989	142855	172865
55	79991	155753	214833
65	39861	179585	299004
75	19052	54496	378077
85	12315	12154	137095

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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	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80
1	9941.95	9940.37	9933.79	9926.03	9912.03	9900.51	9890.73	9877.43	9872.37	9875.10
2	9964.42	9967.20	9955.98	9941.41	9914.77	9892.84	9865.39	9835.40	9828.12	9831.47
3	9982.08	9983.46	9975.77	9958.70	9924.09	9882.41	9834.02	9790.10	9773.63	9782.82
4	9993.38	9997.68	9990.46	9974.03	9931.67	9872.85	9803.22	9740.17	9713.24	9728.40
5	10001.49	10006.32	10007.07	9985.81	9937.60	9862.37	9770.56	9686.79	9649.14	9674.54
6	10005.94	10013.75	10016.21	9996.30	9940.99	9849.26	9734.84	9629.60	9582.23	9613.82
7	10008.49	10019.70	10025.51	10007.70	9948.43	9836.53	9696.34	9568.74	9510.58	9549.48
8	10004.53	10020.08	10029.82	10019.92	9956.01	9826.78	9657.41	9506.52	9434.21	9482.80
9	9998.61	10018.20	10032.80	10031.20	9965.77	9813.41	9612.52	9439.68	9360.24	9415.68
10	9984.93	10015.36	10042.54	10043.51	9974.32	9802.53	9566.46	9368.63	9278.66	9345.46
11	9969.69	10006.74	10046.22	10055.33	9984.23	9789.54	9522.43	9294.22	9196.72	9273.13
12	9944.62	9991.58	10051.16	10067.57	9995.07	9774.44	9476.62	9217.39	9105.97	9196.49
13	9911.52	9971.08	10056.43	10083.36	10006.71	9765.00	9427.64	9137.33	9014.87	9118.53
14	9871.76	9945.60	10055.94	10098.84	10020.38	9752.59	9378.98	9056.25	8920.60	9038.88
15	9825.16	9911.01	10051.96	10114.81	10032.50	9743.11	9329.63	8972.72	8825.38	8957.24
16	9770.45	9873.04	10046.50	10127.94	10045.97	9735.34	9277.13	8885.46	8729.10	8873.27
17	9708.79	9827.01	10036.08	10142.46	10058.80	9723.41	9225.86	8797.46	8626.10	8784.34
18	9642.33	9774.88	10024.23	10155.37	10072.21	9718.86	9174.40	8708.94	8524.43	8693.90
19	9572.52	9720.99	10007.81	10169.34	10085.06	9712.49	9122.79	8614.52	8418.94	8605.37
20	9497.09	9661.29	9985.28	10179.80	10098.62	9704.14	9071.86	8515.26	8310.38	8508.88
21	9416.50	9597.10	9960.70	10190.59	10115.58	9694.92	9021.31	8417.19	8202.76	8413.93
22	9326.76	9524.96	9930.64	10198.46	10124.65	9689.02	8971.56	8319.54	8092.76	8315.52
23	9233.66	9450.93	9895.56	10203.69	10138.10	9681.33	8919.18	8222.27	7978.51	8216.88
24	9132.77	9374.86	9859.61	10208.98	10150.89	9676.26	8870.79	8120.69	7863.23	8111.73
25	9022.91	9287.88	9821.99	10211.75	10160.43	9667.85	8818.22	8022.18	7746.58	8009.73
26	8911.11	9202.16	9780.05	10208.19	10171.62	9660.44	8764.43	7912.17	7626.92	7905.34
27	8792.28	9105.35	9739.41	10209.62	10182.87	9652.18	8710.65	7804.24	7509.55	7802.64
28	8665.03	9005.77	9692.03	10209.64	10193.42	9642.43	8656.08	7695.74	7389.65	7696.54
29	8532.63	8897.72	9646.07	10209.43	10204.93	9633.26	8604.19	7586.30	7271.96	7587.88
30	8396.18	8781.89	9598.19	10208.36	10213.24	9621.51	8552.92	7478.93	7151.30	7481.16
31	8259.04	8667.84	9546.88	10200.36	10222.90	9610.58	8500.10	7370.67	7029.30	7371.02
32	8118.92	8543.70	9492.71	10193.36	10231.72	9600.59	8444.07	7261.30	6902.42	7256.30
33	7977.78	8422.36	9432.68	10188.78	10236.19	9589.05	8384.63	7147.05	6768.72	7140.78
34	7831.70	8292.76	9367.57	10181.15	10239.23	9573.70	8327.13	7032.07	6629.44	7019.55
35	7687.61	8162.75	9302.93	10172.77	10244.18	9558.13	8270.87	6913.12	6484.06	6895.29
36	7543.99	8038.35	9235.56	10159.69	10246.69	9538.73	8213.86	6790.15	6330.44	6764.54
37	7397.52	7909.39	9165.41	10147.72	10247.06	9519.82	8152.56	6661.52	6172.18	6628.73
38	7248.77	7778.89	9092.83	10132.28	10252.73	9500.83	8093.48	6523.28	6013.74	6486.83
39	7095.31	7641.80	9010.29	10117.23	10256.27	9481.06	8027.37	6378.25	5854.33	6347.94
40	6943.32	7506.61	8931.80	10098.77	10262.85	9461.76	7958.88	6223.78	5692.28	6205.43
41	6783.07	7366.89	8850.03	10078.22	10271.65	9442.33	7896.93	6066.87	5531.33	6058.37
42	6619.56	7224.69	8761.85	10052.47	10277.63	9419.62	7830.83	5894.91	5353.51	5905.07
43	6451.70	7088.75	8676.17	10024.54	10278.45	9394.94	7759.97	5716.05	5175.77	5739.88
44	6284.91	6946.56	8585.77	9998.81	10277.72	9369.97	7688.06	5532.57	5000.29	5573.42
45	6119.86	6799.73	8488.73	9973.58	10272.00	9347.26	7609.92	5339.12	4829.56	5392.97
46	5952.97	6646.87	8388.73	9946.89	10264.64	9318.64	7529.31	5144.94	4655.54	5205.28
47	5789.04	6490.45	8290.25	9923.77	10260.86	9294.08	7447.40	4943.20	4482.54	5008.39
48	5609.14	6321.04	8189.69	9886.12	10261.75	9256.96	7359.30	4739.58	4310.06	4799.22
49	5412.33	6142.83	8084.57	9835.81	10265.37	9205.01	7262.16	4529.85	4126.21	4594.87
50	5199.16	5953.86	7985.45	9785.30	10274.04	9153.17	7160.32	4322.67	3946.09	4396.25
51	4955.77	5743.22	7883.39	9732.34	10283.75	9108.20	7055.35	4121.00	3768.48	4198.72
52	4690.52	5503.92	7782.92	9671.76	10298.92	9065.81	6938.11	3918.04	3594.84	3995.67
53	4414.21	5233.90	7683.01	9609.25	10313.36	9024.97	6809.04	3725.12	3432.73	3800.08

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54	4136.33	4925.09	7592.17	9542.72	10330.22	8985.50	6665.42	3532.81	3273.76	3600.94
55	3855.64	4587.61	7507.43	9477.57	10355.15	8945.30	6503.28	3349.88	3122.09	3402.86
56	3590.07	4227.39	7431.45	9404.80	10387.62	8902.97	6314.99	3173.58	2970.17	3208.84
57	3328.47	3863.87	7368.23	9328.92	10412.12	8868.46	6093.58	3005.16	2807.72	3026.22
58	3060.82	3508.44	7316.85	9245.82	10434.59	8833.55	5830.48	2836.33	2635.41	2845.92
59	2791.65	3168.43	7272.24	9158.03	10452.86	8801.58	5531.99	2662.73	2458.31	2665.48
60	2527.03	2850.18	7226.41	9059.57	10473.01	8765.91	5198.80	2483.13	2277.53	2479.97
61	2263.46	2551.54	7166.19	8954.18	10493.90	8730.80	4829.60	2289.20	2089.28	2286.22
62	2015.76	2271.00	7073.37	8847.33	10525.23	8701.47	4424.21	2095.99	1902.99	2094.27
63	1791.27	2018.12	6933.81	8743.49	10553.94	8684.90	3997.07	1902.28	1728.68	1909.96
64	1591.57	1782.09	6712.04	8644.18	10584.46	8674.03	3558.18	1719.45	1573.44	1733.64
65	1415.65	1567.60	6377.95	8564.07	10619.13	8677.38	3138.63	1542.58	1446.30	1566.99
66	1262.84	1377.45	5911.31	8508.16	10651.46	8697.16	2743.76	1402.07	1319.15	1430.13
67	1125.77	1213.46	5305.67	8483.11	10670.57	8745.27	2345.38	1261.55	1192.06	1293.28
68	995.58	1069.40	4607.77	8500.18	10666.49	8822.86	1977.97	1121.71	1066.36	1156.63
69	875.98	942.99	3874.95	8544.89	10612.60	8916.28	1640.59	1008.17	945.40	1034.92
70	774.63	827.87	3175.24	8616.30	10482.31	9005.99	1423.72	906.94	849.92	922.54
71	686.73	720.32	2589.95	8683.20	10267.69	9048.35	1206.86	813.76	770.05	819.11
72	613.09	625.84	2115.48	8738.81	9967.05	9019.25	990.68	727.26	703.48	724.42
73	539.67	555.54	1739.77	8778.61	9520.46	8938.57	831.65	643.85	639.42	636.08
74	466.25	485.41	1437.16	8809.23	8939.90	8806.56	703.61	563.74	585.52	555.45
75	414.38	427.29	1185.30	8804.32	8223.18	8637.82	597.63	492.15	540.85	483.38
76	373.25	378.90	929.67	8749.91	7433.94	8396.18	500.34	430.28	499.79	422.59
77	336.49	336.37	660.78	8507.24	6563.51	8048.14	421.68	378.46	456.53	371.24
78	300.27	296.58	529.31	7947.57	5589.90	7588.79	355.18	332.62	403.98	324.77
79	269.87	258.59	400.22	7081.69	4556.10	6823.97	301.50	290.00	356.60	283.26
80	240.04	221.26	271.13	5948.49	3488.26	5623.27	254.20	249.05	317.92	243.55
81	210.25	187.29	224.68	4726.93	2529.91	4228.07	212.95	211.25	277.62	206.81
82	178.30	156.77	185.95	3662.14	1813.32	3052.37	179.42	179.37	238.12	177.23
83	147.55	129.07	150.83	2805.56	1484.06	2157.88	145.90	151.18	196.47	147.64
84	118.51	101.95	118.30	2115.40	1156.98	1655.17	112.46	123.02	149.57	118.10
85	90.20	76.87	89.02	1563.23	1004.11	1152.46	86.25	96.74	102.46	91.55
86	62.29	55.42	63.51	1119.83	832.84	650.19	61.13	57.06	47.83	51.91
87	36.18	34.05	44.26	767.17	613.96	398.43	41.75	38.15	31.98	34.62
88	10.09	12.69	25.02	576.51	416.11	226.78	22.37	19.24	16.13	17.32
89	6.65	8.48	5.79	386.87	218.26	55.49	3.51	0.95	0.36	0.59
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	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	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

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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	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	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 : MPLSEL40HTT3-34000LM4K.IES

CANDELA TABULATION - (Cont.)

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80	9911.80
1	9881.87	9893.69	9908.83	9921.32	9932.42	9939.00	9941.95
2	9851.32	9877.72	9907.54	9930.18	9949.38	9959.12	9964.42
3	9818.24	9867.73	9909.61	9938.27	9963.20	9974.36	9982.08
4	9782.32	9853.13	9912.14	9949.22	9973.88	9982.28	9993.38
5	9745.97	9842.16	9914.74	9959.44	9981.92	9987.55	10001.49
6	9707.31	9827.69	9921.80	9969.87	9988.90	9992.57	10005.94
7	9668.49	9813.02	9927.52	9980.02	9995.44	9994.50	10008.49
8	9627.31	9799.91	9932.55	9989.20	10001.36	9994.34	10004.53
9	9585.20	9780.40	9935.33	9994.34	10005.82	9991.41	9998.61
10	9538.49	9766.46	9938.19	9998.99	10009.37	9985.98	9984.93
11	9489.97	9748.34	9940.98	10001.80	10008.10	9972.48	9969.69
12	9440.81	9735.97	9948.02	10003.30	10004.07	9954.96	9944.62
13	9392.72	9724.34	9957.30	10011.91	9998.17	9929.79	9911.52
14	9343.17	9710.78	9962.79	10018.24	9987.08	9898.04	9871.76
15	9297.47	9698.42	9969.32	10028.86	9975.58	9864.25	9825.16
16	9251.86	9685.16	9977.17	10036.51	9956.21	9821.75	9770.45
17	9200.75	9672.90	9983.16	10044.20	9940.15	9772.95	9708.79
18	9152.52	9661.43	9994.91	10049.86	9919.62	9718.19	9642.33
19	9100.47	9650.48	10001.31	10054.67	9898.91	9658.73	9572.52
20	9053.44	9640.46	10010.50	10061.37	9872.00	9593.59	9497.09
21	9002.05	9627.71	10015.98	10063.43	9840.87	9527.32	9416.50
22	8948.70	9617.57	10025.50	10062.86	9806.55	9452.38	9326.76
23	8892.72	9607.52	10030.98	10060.77	9765.36	9373.76	9233.66
24	8839.47	9596.64	10041.86	10061.55	9723.80	9294.21	9132.77
25	8789.24	9588.29	10049.25	10057.97	9683.29	9204.94	9022.91
26	8736.70	9575.80	10060.36	10052.40	9636.31	9113.54	8911.11
27	8686.81	9567.53	10068.85	10048.48	9590.24	9017.33	8792.28
28	8630.83	9556.07	10077.18	10047.18	9537.49	8916.21	8665.03
29	8576.02	9550.35	10085.05	10041.92	9483.13	8805.21	8532.63
30	8520.05	9541.23	10090.54	10035.22	9426.66	8695.02	8396.18
31	8461.93	9533.57	10093.96	10032.60	9372.54	8581.56	8259.04
32	8405.16	9520.77	10095.75	10027.44	9312.27	8463.92	8118.92
33	8346.41	9506.24	10099.40	10017.81	9252.11	8340.39	7977.78
34	8289.91	9491.71	10101.94	10010.96	9187.08	8215.34	7831.70
35	8231.36	9476.22	10101.79	10003.05	9118.57	8093.11	7687.61
36	8172.21	9461.68	10104.51	9990.43	9046.21	7962.18	7543.99

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	8114.75	9446.46	10110.28	9973.65	8973.77	7834.73	7397.52
38	8053.09	9430.75	10115.46	9952.33	8896.23	7702.30	7248.77
39	7991.57	9411.73	10129.02	9932.52	8814.81	7566.73	7095.31
40	7925.54	9391.93	10148.66	9911.19	8729.64	7433.65	6943.32
41	7867.85	9368.64	10163.81	9888.53	8639.64	7294.05	6783.07
42	7808.83	9342.03	10190.57	9863.05	8549.87	7157.07	6619.56
43	7744.65	9314.71	10218.32	9838.03	8455.19	7017.61	6451.70
44	7682.96	9294.71	10231.27	9808.85	8356.49	6873.87	6284.91
45	7613.65	9280.46	10231.03	9782.86	8258.44	6726.27	6119.86
46	7546.85	9273.13	10215.27	9764.01	8156.65	6567.01	5952.97
47	7476.63	9269.02	10204.36	9746.95	8057.21	6407.62	5789.04
48	7405.34	9258.66	10209.03	9718.49	7958.19	6233.73	5609.14
49	7327.03	9224.24	10219.53	9673.20	7854.31	6047.28	5412.33
50	7244.11	9189.06	10236.51	9616.17	7760.44	5850.93	5199.16
51	7150.21	9161.67	10262.89	9562.58	7662.05	5633.76	4955.77
52	7040.68	9144.71	10290.93	9511.86	7570.30	5396.23	4690.52
53	6919.79	9126.84	10322.78	9465.19	7486.36	5136.38	4414.21
54	6789.87	9111.54	10359.06	9416.92	7408.84	4846.21	4136.33
55	6646.71	9099.71	10397.40	9370.93	7344.67	4538.16	3855.64
56	6489.65	9088.18	10438.17	9318.19	7289.59	4220.19	3590.07
57	6311.25	9078.89	10481.69	9262.58	7242.75	3889.67	3328.47
58	6093.24	9062.28	10523.08	9204.01	7203.61	3562.15	3060.82
59	5842.24	9046.79	10565.34	9135.85	7163.31	3248.25	2791.65
60	5545.28	9028.45	10608.16	9061.54	7105.27	2932.34	2527.03
61	5217.79	9008.91	10656.62	8984.01	7012.09	2614.66	2263.46
62	4854.31	8983.71	10704.00	8904.51	6863.93	2300.60	2015.76
63	4474.06	8967.82	10754.36	8823.45	6649.86	2026.62	1791.27
64	4061.59	8949.51	10797.47	8739.22	6334.31	1774.39	1591.57
65	3612.37	8934.52	10841.45	8653.69	5888.36	1558.61	1415.65
66	3173.07	8931.42	10885.23	8583.11	5280.99	1373.43	1262.84
67	2710.93	8949.05	10917.28	8530.40	4572.86	1208.46	1125.77
68	2249.13	8980.73	10918.81	8507.83	3826.00	1062.74	995.58
69	1829.78	9025.11	10846.57	8493.83	3082.57	929.66	875.98
70	1575.84	9040.26	10712.07	8479.71	2415.41	811.35	774.63
71	1321.90	9009.54	10518.72	8448.73	1918.41	706.99	686.73
72	1068.74	8941.76	10234.49	8404.36	1546.78	623.77	613.09
73	879.32	8814.43	9825.22	8355.08	1261.87	549.86	539.67
74	715.11	8618.37	9291.09	8325.95	1026.69	476.05	466.25
75	582.60	8364.57	8644.35	8329.13	825.51	417.88	414.38
76	491.48	8043.29	7914.29	8343.38	634.23	370.07	373.25
77	418.39	7628.89	7105.69	8285.26	521.28	329.17	336.49
78	356.15	7117.80	6171.02	8021.17	410.82	290.92	300.27
79	302.77	6368.70	5125.75	7454.31	300.36	253.25	269.87
80	255.59	5214.09	3986.73	6577.11	253.21	216.29	240.04
81	214.00	3874.78	2910.38	5411.81	213.08	182.33	210.25
82	179.77	2815.72	2116.10	4246.28	176.47	151.40	178.30
83	145.53	2043.92	1617.80	3291.81	142.83	124.51	147.55
84	111.37	1594.90	1341.69	2474.62	111.28	99.06	118.51
85	84.02	1145.88	1152.02	1782.29	83.36	74.66	90.20
86	58.59	703.28	947.11	1254.21	58.37	53.30	62.29
87	39.80	442.00	684.60	791.03	36.91	32.04	36.18
88	21.01	331.08	405.72	431.51	15.47	10.77	10.09
89	2.73	220.16	94.73	72.63	10.76	7.16	6.65
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM4K.IES

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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM4K.IES

CANDELA TABULATION - (Cont.)

149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM4K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3671.86	N.A.	10.40
0-30	7946.71	N.A.	22.60
0-40	13378.74	N.A.	38.10
0-60	25522.58	N.A.	72.60
0-80	34386.77	N.A.	97.90
0-90	35139.99	N.A.	100.00
10-90	34200.00	N.A.	97.30
20-40	9706.88	N.A.	27.60
20-50	15789.25	N.A.	44.90
40-70	17351.54	N.A.	49.40
60-80	8864.19	N.A.	25.20
70-80	3656.48	N.A.	10.40
80-90	753.22	N.A.	2.10
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	35139.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	939.99
10-20	2731.87
20-30	4274.85
30-40	5432.03
40-50	6082.37
50-60	6061.46
60-70	5207.71
70-80	3656.48
80-90	753.22
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 : MPLSEL40HTT3-34000LM4K.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	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	76	72	68	66
3	88	76	67	60	85	75	66	60	71	64	59	69	63	58	66	61	57	54
4	80	67	57	50	77	65	57	50	63	55	49	60	54	48	58	52	48	45
5	73	59	50	43	71	58	49	42	56	48	42	54	47	41	52	46	41	39
6	67	53	44	37	65	52	43	37	50	42	36	48	41	36	47	40	36	33
7	62	48	39	32	60	47	38	32	45	38	32	44	37	32	43	36	31	29
8	58	43	35	28	56	43	34	28	41	34	28	40	33	28	39	33	28	26
9	54	40	31	25	52	39	31	25	38	30	25	37	30	25	36	30	25	23
10	50	37	28	23	49	36	28	23	35	28	23	34	27	23	33	27	22	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM4K.IES

UGR TABLE - CORRECTED

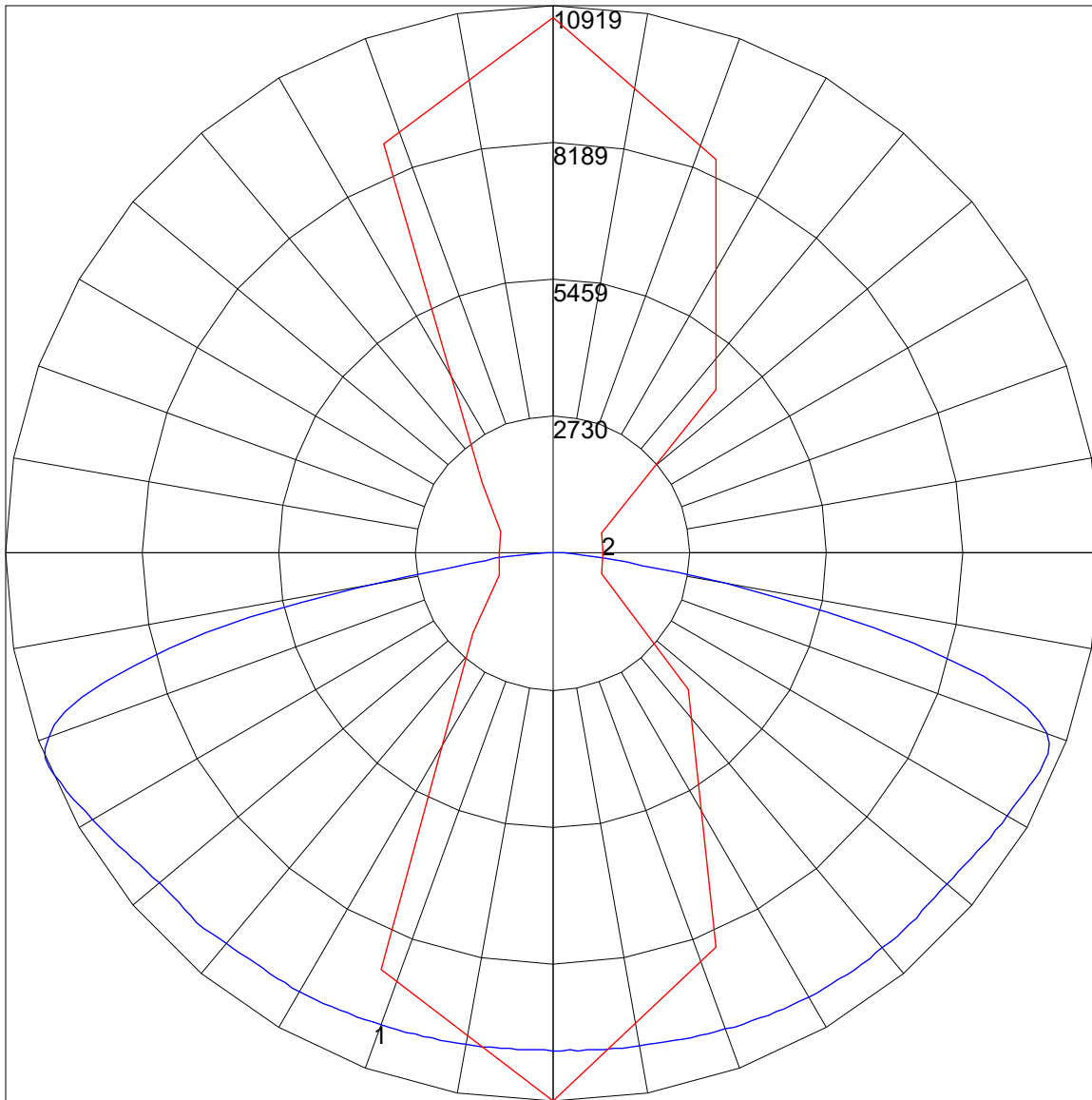
Reflectances

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	25.6	27.3	26.0	27.6	28.0	32.3	34.0	32.7	34.3	34.7
	3H	25.9	27.5	26.3	27.8	28.2	36.1	37.6	36.4	38.0	38.3
	4H	26.0	27.5	26.4	27.8	28.2	37.8	39.2	38.1	39.6	40.0
	6H	26.0	27.4	26.4	27.8	28.2	38.7	40.1	39.1	40.4	40.8
	8H	26.0	27.3	26.4	27.7	28.1	38.8	40.1	39.2	40.5	40.9
	12H	26.0	27.3	26.4	27.7	28.1	38.8	40.1	39.2	40.5	40.9
4H	2H	28.5	30.0	28.9	30.4	30.7	32.6	34.1	33.0	34.4	34.8
	3H	28.8	30.1	29.2	30.5	30.9	36.6	37.8	37.0	38.2	38.6
	4H	28.8	30.0	29.3	30.4	30.8	38.8	39.9	39.2	40.3	40.7
	6H	28.8	29.9	29.3	30.3	30.7	40.1	41.1	40.5	41.5	41.9
	8H	28.9	29.8	29.3	30.2	30.7	40.2	41.2	40.7	41.6	42.1
	12H	28.8	29.7	29.3	30.2	30.6	40.3	41.1	40.8	41.6	42.1
8H	4H	30.5	31.4	30.9	31.8	32.3	38.8	39.7	39.2	40.2	40.6
	6H	30.4	31.2	30.9	31.7	32.2	40.3	41.1	40.8	41.5	42.0
	8H	30.4	31.1	30.9	31.6	32.1	40.5	41.2	41.0	41.7	42.2
	12H	30.4	31.1	30.9	31.5	32.1	40.7	41.3	41.2	41.8	42.3
12H	4H	31.4	32.2	31.8	32.7	33.1	38.8	39.6	39.2	40.1	40.5
	6H	31.3	32.1	31.9	32.5	33.1	40.3	41.0	40.8	41.4	42.0
	8H	31.3	32.0	31.8	32.5	33.0	40.5	41.2	41.0	41.6	42.2

Maximum UGR = 42.3

POLAR GRAPH



Maximum Candela = 10918.81 Located At Horizontal Angle = 270, Vertical Angle = 68
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (68) (Through Max. Cd.)