

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM3K.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 10:55:31
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL40HTT3-34000LM3K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	33874
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	247.6
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.50
Spacing Criterion (Diagonal)	1.50
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	99294	134013	157846
55	75249	143593	195464
65	34951	175220	276546
75	16517	79428	333013
85	11283	11087	121048

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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	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72
1	9832.52	9826.21	9822.05	9812.42	9802.91	9788.93	9780.61	9772.90	9770.82	9768.42
2	9854.93	9846.94	9839.84	9821.63	9802.06	9775.30	9753.98	9734.38	9727.16	9730.23
3	9873.80	9864.94	9854.65	9826.21	9800.88	9758.59	9720.08	9690.21	9676.89	9687.95
4	9886.71	9877.39	9864.17	9833.64	9794.89	9740.80	9682.99	9641.01	9621.81	9639.56
5	9896.73	9886.75	9872.25	9838.91	9793.11	9722.52	9647.31	9583.05	9559.48	9586.03
6	9901.26	9893.40	9879.72	9845.10	9791.33	9703.48	9607.35	9523.99	9492.90	9525.37
7	9903.73	9895.92	9884.65	9849.56	9785.11	9682.79	9561.61	9457.54	9421.27	9462.33
8	9903.33	9897.63	9888.40	9850.92	9780.95	9662.52	9514.62	9388.28	9344.06	9396.33
9	9898.18	9897.25	9890.76	9851.35	9775.86	9639.57	9465.71	9315.27	9262.20	9326.95
10	9884.92	9889.17	9889.30	9853.06	9771.03	9614.52	9411.92	9239.18	9177.98	9256.69
11	9865.49	9879.22	9886.08	9853.53	9762.98	9589.59	9359.39	9161.71	9090.25	9186.16
12	9839.33	9861.29	9883.05	9852.04	9755.11	9561.39	9301.69	9080.05	8998.35	9111.51
13	9801.65	9840.28	9873.97	9851.58	9747.22	9531.69	9241.96	8995.88	8907.49	9032.61
14	9762.22	9811.28	9865.20	9850.06	9739.08	9503.82	9181.70	8909.54	8808.83	8953.88
15	9708.67	9779.41	9852.15	9848.56	9732.32	9472.25	9118.51	8824.25	8709.72	8873.03
16	9651.80	9736.08	9832.28	9847.49	9727.45	9442.86	9053.21	8733.26	8607.29	8787.32
17	9589.30	9693.47	9814.78	9846.80	9719.27	9411.59	8989.06	8638.29	8501.89	8699.67
18	9518.21	9639.38	9790.23	9840.50	9710.58	9383.03	8922.22	8545.46	8397.90	8613.95
19	9445.90	9579.63	9761.67	9835.81	9698.91	9350.68	8857.56	8448.64	8290.66	8523.05
20	9363.26	9518.63	9728.03	9827.55	9688.62	9323.74	8789.37	8349.44	8178.99	8428.32
21	9278.69	9452.52	9692.72	9812.42	9672.64	9294.70	8726.06	8246.80	8065.48	8333.76
22	9182.97	9378.08	9653.45	9802.39	9661.62	9262.90	8662.55	8146.03	7952.96	8235.31
23	9084.08	9296.45	9608.12	9786.65	9650.18	9231.31	8597.92	8042.87	7837.80	8138.41
24	8978.43	9209.63	9561.45	9769.97	9636.51	9199.47	8535.45	7939.81	7718.25	8033.80
25	8863.65	9115.20	9509.85	9751.28	9623.88	9167.88	8469.38	7833.74	7601.13	7931.32
26	8746.90	9017.23	9454.38	9729.71	9611.81	9135.92	8405.31	7722.22	7479.54	7823.45
27	8623.84	8913.12	9399.73	9707.23	9596.10	9106.45	8340.82	7613.14	7357.96	7714.86
28	8495.36	8802.85	9339.28	9684.81	9585.59	9076.81	8273.91	7499.21	7234.89	7607.24
29	8360.43	8682.52	9278.55	9660.30	9577.11	9044.86	8210.68	7383.53	7108.41	7494.63
30	8223.15	8565.51	9215.75	9638.28	9565.66	9014.94	8146.82	7266.99	6984.68	7387.25
31	8083.63	8439.17	9151.63	9619.02	9553.77	8982.84	8082.40	7148.83	6858.41	7273.80
32	7940.06	8315.85	9084.82	9599.08	9540.09	8949.45	8017.14	7027.50	6728.43	7157.91
33	7795.50	8190.19	9016.51	9577.08	9524.53	8918.47	7953.80	6900.88	6591.86	7036.17
34	7647.51	8060.02	8941.38	9551.84	9507.36	8885.85	7890.55	6778.70	6452.22	6912.78
35	7500.12	7930.20	8864.68	9522.95	9491.59	8855.13	7819.13	6650.42	6307.08	6783.11
36	7345.16	7795.24	8782.99	9493.39	9475.65	8821.08	7748.85	6519.60	6153.32	6650.38
37	7195.33	7661.13	8701.29	9466.79	9458.35	8783.06	7680.30	6386.85	5997.13	6511.90
38	7037.74	7529.20	8615.46	9432.68	9445.92	8743.25	7611.94	6250.60	5831.76	6370.33
39	6880.10	7384.25	8527.45	9397.25	9438.96	8701.59	7542.37	6108.93	5666.21	6225.28
40	6719.04	7248.18	8442.59	9364.71	9440.71	8660.99	7471.12	5958.80	5496.38	6078.85
41	6559.64	7101.30	8352.07	9333.42	9441.60	8621.99	7397.80	5803.91	5319.77	5925.95
42	6396.87	6962.17	8258.96	9302.08	9435.43	8586.49	7320.22	5634.64	5133.41	5767.80
43	6230.43	6819.42	8162.60	9269.38	9418.51	8549.09	7245.71	5455.94	4948.58	5599.03
44	6064.54	6677.22	8060.70	9239.45	9395.65	8516.54	7170.81	5269.61	4768.31	5417.93
45	5900.24	6538.93	7963.37	9221.38	9379.54	8487.36	7093.58	5079.71	4595.98	5226.69
46	5734.77	6391.97	7859.03	9195.32	9372.90	8457.06	7011.84	4888.26	4429.33	5019.76
47	5565.48	6242.91	7750.41	9152.17	9369.41	8411.15	6925.88	4692.85	4262.68	4806.05
48	5385.79	6084.08	7643.62	9098.74	9366.35	8352.21	6835.45	4492.41	4092.87	4589.68
49	5190.93	5917.62	7531.89	9040.15	9364.27	8296.20	6744.12	4286.18	3908.54	4372.57
50	4977.40	5744.26	7425.74	8987.09	9365.97	8244.66	6648.67	4085.10	3722.43	4154.13
51	4733.01	5542.65	7315.64	8930.02	9373.85	8193.01	6551.11	3882.25	3534.51	3941.97
52	4466.08	5317.82	7209.19	8870.58	9379.03	8148.50	6447.04	3681.49	3350.31	3732.87
53	4184.69	5056.67	7104.55	8807.02	9389.10	8103.15	6334.64	3488.76	3181.13	3535.95

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54	3902.56	4758.90	7008.94	8739.86	9403.74	8064.57	6207.59	3296.95	3021.25	3348.81
55	3627.06	4420.31	6921.31	8667.90	9421.54	8025.67	6061.69	3117.71	2873.66	3165.32
56	3362.30	4063.95	6849.15	8589.48	9444.11	7989.76	5892.16	2952.56	2734.84	2990.09
57	3108.87	3696.87	6787.74	8507.56	9474.85	7955.78	5696.67	2795.93	2586.04	2816.80
58	2844.74	3336.71	6744.22	8424.84	9508.58	7922.40	5466.90	2643.23	2425.24	2640.31
59	2575.35	2983.08	6715.15	8340.20	9553.12	7900.35	5203.49	2480.21	2260.27	2462.68
60	2302.49	2652.27	6691.88	8258.48	9594.47	7887.45	4907.36	2308.02	2094.35	2279.20
61	2039.64	2341.84	6667.84	8179.98	9643.52	7889.93	4580.95	2122.44	1923.63	2091.86
62	1791.76	2054.94	6627.31	8109.95	9685.06	7904.03	4227.07	1943.06	1759.20	1915.09
63	1577.63	1810.47	6558.21	8051.07	9734.84	7936.48	3867.58	1767.50	1601.28	1743.79
64	1396.30	1593.87	6434.10	7997.76	9781.08	7982.36	3492.17	1601.79	1471.04	1578.24
65	1241.30	1404.04	6222.95	7966.22	9821.52	8043.96	3126.22	1462.82	1340.80	1437.03
66	1106.23	1239.76	5905.69	7956.14	9847.45	8122.44	2757.17	1323.85	1210.64	1295.82
67	979.46	1092.07	5459.00	7975.72	9847.57	8221.54	2399.67	1185.16	1094.42	1155.11
68	856.91	967.22	4926.53	8014.31	9819.08	8327.76	2049.29	1063.57	979.43	1039.80
69	750.13	852.33	4325.39	8058.13	9748.66	8413.94	1724.57	949.00	873.54	943.49
70	661.03	752.32	3724.53	8109.58	9625.75	8473.62	1484.00	842.17	781.78	839.20
71	584.23	665.32	3212.38	8169.33	9420.17	8494.46	1243.42	737.08	706.23	740.20
72	523.50	597.89	2799.56	8222.16	9100.73	8482.23	1002.92	656.72	639.24	657.22
73	462.81	530.55	2436.27	8282.03	8623.73	8424.11	823.38	587.14	579.94	581.65
74	402.11	463.21	2080.37	8338.47	7991.70	8298.29	672.87	523.87	529.01	519.52
75	359.25	406.78	1727.57	8362.69	7243.04	8065.11	549.35	464.85	488.06	459.29
76	326.32	358.42	1379.65	8246.74	6399.59	7754.81	451.33	414.63	450.72	408.88
77	296.75	315.36	1039.76	7881.61	5503.07	7327.45	376.49	369.80	411.89	362.95
78	266.01	275.22	731.52	7184.73	4553.03	6623.28	317.31	329.12	366.47	320.35
79	239.84	238.20	563.05	6124.73	3625.86	5585.87	267.56	290.56	324.13	281.42
80	213.49	203.33	395.00	4951.77	2787.65	4345.61	223.75	251.86	285.43	243.25
81	186.41	171.07	226.95	3841.29	2111.03	3169.25	187.92	217.18	246.88	209.17
82	159.79	142.00	174.23	2918.37	1771.31	2226.00	159.11	187.98	210.09	179.86
83	134.47	115.98	138.23	2230.90	1431.60	1740.86	130.30	159.71	171.62	150.54
84	108.64	92.17	107.86	1705.60	1095.65	1255.72	101.64	131.43	133.15	121.34
85	82.64	70.16	81.20	1277.58	886.58	773.46	77.84	102.97	94.52	95.97
86	58.25	50.51	59.86	913.82	645.49	519.68	55.94	63.47	44.85	59.65
87	33.88	30.90	38.62	627.85	435.69	337.04	38.40	42.55	29.99	40.25
88	9.52	11.30	17.37	354.92	225.89	252.89	20.86	21.64	15.13	20.85
89	6.52	7.81	5.25	82.29	19.75	168.74	3.65	1.12	0.55	1.75
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 : MPLSEL40HTT3-34000LM3K.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	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72	9802.72
1	9780.60	9791.68	9805.46	9814.79	9824.02	9830.27	9832.52
2	9755.34	9778.92	9809.16	9824.50	9843.58	9853.05	9854.93
3	9723.46	9765.32	9811.34	9837.29	9862.41	9869.21	9873.80
4	9690.15	9753.34	9814.41	9850.99	9874.83	9883.66	9886.71
5	9657.50	9741.60	9817.68	9859.78	9889.61	9896.11	9896.73
6	9620.81	9732.12	9825.11	9874.03	9902.01	9906.61	9901.26
7	9581.80	9719.00	9831.74	9883.42	9909.25	9911.82	9903.73
8	9546.36	9707.41	9837.68	9895.25	9917.15	9914.29	9903.33
9	9504.64	9694.78	9844.51	9902.36	9921.88	9910.45	9898.18
10	9460.42	9682.22	9847.60	9912.23	9923.88	9901.89	9884.92
11	9415.85	9668.64	9852.74	9918.39	9922.22	9890.87	9865.49
12	9370.55	9652.48	9850.93	9921.07	9919.00	9873.29	9839.33
13	9322.46	9636.88	9850.72	9920.71	9914.42	9848.59	9801.65
14	9276.18	9621.33	9850.71	9923.29	9903.33	9816.35	9762.22
15	9226.70	9609.24	9851.78	9922.88	9889.62	9781.43	9708.67
16	9177.85	9595.37	9855.83	9923.08	9871.89	9738.10	9651.80
17	9124.66	9579.84	9858.87	9923.74	9849.19	9690.52	9589.30
18	9073.27	9562.72	9862.43	9923.96	9819.20	9636.72	9518.21
19	9021.96	9547.02	9861.59	9921.40	9789.55	9577.04	9445.90
20	8968.45	9528.85	9861.14	9917.93	9755.97	9512.25	9363.26
21	8913.57	9510.76	9859.01	9911.24	9720.99	9442.78	9278.69
22	8858.03	9491.83	9855.32	9904.31	9682.56	9366.17	9182.97
23	8801.95	9468.65	9855.92	9894.37	9639.49	9287.11	9084.08
24	8746.79	9444.07	9855.50	9885.47	9597.20	9197.79	8978.43
25	8688.61	9422.49	9854.41	9874.49	9545.58	9105.31	8863.65
26	8631.80	9399.91	9856.77	9860.60	9497.18	9006.15	8746.90
27	8573.53	9375.88	9863.30	9848.72	9443.09	8901.25	8623.84
28	8512.05	9352.38	9864.57	9835.40	9387.72	8792.58	8495.36
29	8449.53	9330.35	9864.61	9824.62	9329.63	8677.32	8360.43
30	8385.89	9307.48	9868.73	9814.72	9268.99	8556.86	8223.15
31	8320.84	9288.59	9869.16	9803.55	9206.85	8434.23	8083.63
32	8255.06	9269.71	9872.63	9795.61	9139.17	8311.32	7940.06
33	8187.90	9245.10	9873.70	9784.64	9064.91	8182.66	7795.50
34	8122.63	9225.69	9875.46	9774.43	8990.89	8053.94	7647.51
35	8054.25	9207.77	9879.36	9756.65	8912.87	7926.46	7500.12
36	7989.81	9189.45	9881.53	9740.73	8829.65	7796.18	7345.16

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	7922.10	9165.54	9888.47	9722.50	8748.76	7666.67	7195.33
38	7851.20	9145.39	9902.81	9700.95	8663.34	7535.28	7037.74
39	7782.12	9121.73	9922.78	9678.57	8575.73	7394.49	6880.10
40	7713.25	9100.33	9947.92	9653.50	8487.44	7259.53	6719.04
41	7648.77	9077.55	9972.12	9630.57	8393.39	7116.76	6559.64
42	7582.31	9055.39	9990.33	9607.40	8301.08	6973.70	6396.87
43	7517.30	9034.75	9990.16	9584.49	8202.18	6826.62	6230.43
44	7450.67	9027.80	9985.58	9564.15	8102.99	6681.98	6064.54
45	7377.91	9030.96	9987.93	9557.44	8006.66	6536.26	5900.24
46	7301.81	9026.38	10000.43	9541.84	7905.95	6379.50	5734.77
47	7225.09	8992.00	10019.36	9504.60	7808.87	6219.21	5565.48
48	7146.60	8951.30	10040.64	9442.54	7712.40	6044.69	5385.79
49	7066.39	8928.27	10065.14	9389.29	7614.82	5861.56	5190.93
50	6981.84	8910.37	10092.88	9344.39	7523.07	5663.60	4977.40
51	6889.78	8896.02	10127.80	9302.02	7429.83	5436.30	4733.01
52	6787.60	8883.68	10166.55	9257.04	7341.73	5186.74	4466.08
53	6678.38	8871.52	10210.51	9216.41	7261.27	4906.66	4184.69
54	6558.91	8861.47	10257.50	9169.86	7190.40	4605.38	3902.56
55	6430.45	8851.36	10307.59	9119.65	7130.60	4279.43	3627.06
56	6295.53	8843.49	10368.84	9070.21	7082.52	3948.08	3362.30
57	6139.35	8838.28	10435.82	9017.79	7045.80	3615.16	3108.87
58	5963.67	8835.53	10513.17	8968.60	7015.35	3287.48	2844.74
59	5759.93	8838.89	10596.08	8922.32	6987.06	2980.55	2575.35
60	5534.14	8856.14	10684.93	8880.15	6950.15	2681.49	2302.49
61	5283.44	8882.87	10780.13	8846.88	6881.27	2387.17	2039.64
62	5010.47	8921.69	10878.78	8817.61	6766.70	2104.40	1791.76
63	4717.89	8976.64	10978.73	8797.51	6594.54	1843.03	1577.63
64	4397.42	9056.05	11073.24	8794.05	6333.77	1608.78	1396.30
65	4048.19	9152.70	11160.42	8806.34	5967.66	1405.25	1241.30
66	3658.60	9273.37	11226.18	8838.11	5474.70	1227.48	1106.23
67	3238.25	9407.04	11264.83	8891.24	4860.72	1078.33	979.46
68	2820.52	9555.12	11262.58	8958.32	4190.55	949.09	856.91
69	2425.13	9698.81	11214.04	9025.90	3485.81	836.67	750.13
70	2074.34	9818.57	11094.61	9086.64	2858.98	741.91	661.03
71	1774.13	9895.02	10879.43	9125.30	2336.19	660.57	584.23
72	1501.83	9860.07	10544.56	9134.47	1926.59	595.13	523.50
73	1229.54	9692.61	10073.55	9131.92	1579.19	529.73	462.81
74	958.11	9418.65	9454.10	9159.57	1269.91	464.32	402.11
75	729.11	9027.14	8684.45	9182.57	1002.51	407.92	359.25
76	550.37	8527.49	7797.42	9112.26	764.51	357.20	326.32
77	429.88	7921.49	6776.63	8863.38	611.79	310.70	296.75
78	346.61	7053.01	5649.34	8391.82	460.56	270.47	266.01
79	283.38	5881.40	4507.52	7556.23	309.32	232.96	239.84
80	233.96	4617.43	3420.44	6390.54	240.43	198.63	213.49
81	191.05	3481.89	2517.19	5158.21	192.85	167.32	186.41
82	159.33	2519.29	1870.86	4059.35	155.99	138.81	159.79
83	127.62	1959.02	1436.55	3169.17	126.20	113.60	134.47
84	96.15	1398.75	1132.75	2405.24	97.67	89.80	108.64
85	73.30	841.06	886.30	1753.52	72.86	67.75	82.64
86	52.44	549.02	620.99	1224.76	52.48	48.15	58.25
87	36.11	412.11	355.73	813.35	32.16	28.59	33.88
88	19.77	275.20	90.48	427.34	11.84	9.02	9.52
89	3.67	138.28	13.23	41.97	8.50	6.18	6.52
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 : MPLSEL40HTT3-34000LM3K.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 : MPLSEL40HTT3-34000LM3K.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 : MPLSEL40HTT3-34000LM3K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	3617.15	N.A.	10.70
0-30	7780.97	N.A.	23.00
0-40	13006.4	N.A.	38.40
0-60	24524.19	N.A.	72.40
0-80	33228.02	N.A.	98.10
0-90	33874.07	N.A.	100.00
10-90	32944.9	N.A.	97.30
20-40	9389.25	N.A.	27.70
20-50	15177.49	N.A.	44.80
40-70	16610.33	N.A.	49.00
60-80	8703.83	N.A.	25.70
70-80	3611.29	N.A.	10.70
80-90	646.05	N.A.	1.90
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	33874.07	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	929.17
10-20	2687.98
20-30	4163.82
30-40	5225.44
40-50	5788.23
50-60	5729.55
60-70	5092.54
70-80	3611.29
80-90	646.05
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 : MPLSEL40HTT3-34000LM3K.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	82
2	97	88	80	74	94	86	79	73	82	77	72	79	74	70	76	72	68	66
3	88	76	67	60	85	75	66	60	72	64	59	69	63	58	66	61	57	54
4	80	67	57	50	77	66	57	50	63	55	49	61	54	48	58	53	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	49	41	36	47	41	36	34
7	62	48	39	32	60	47	38	32	46	38	32	44	37	32	43	36	31	29
8	58	44	35	29	56	43	34	29	42	34	28	40	33	28	39	33	28	26
9	54	40	31	26	52	39	31	26	38	31	25	37	30	25	36	30	25	23
10	50	37	29	23	49	36	28	23	35	28	23	34	28	23	33	27	23	21

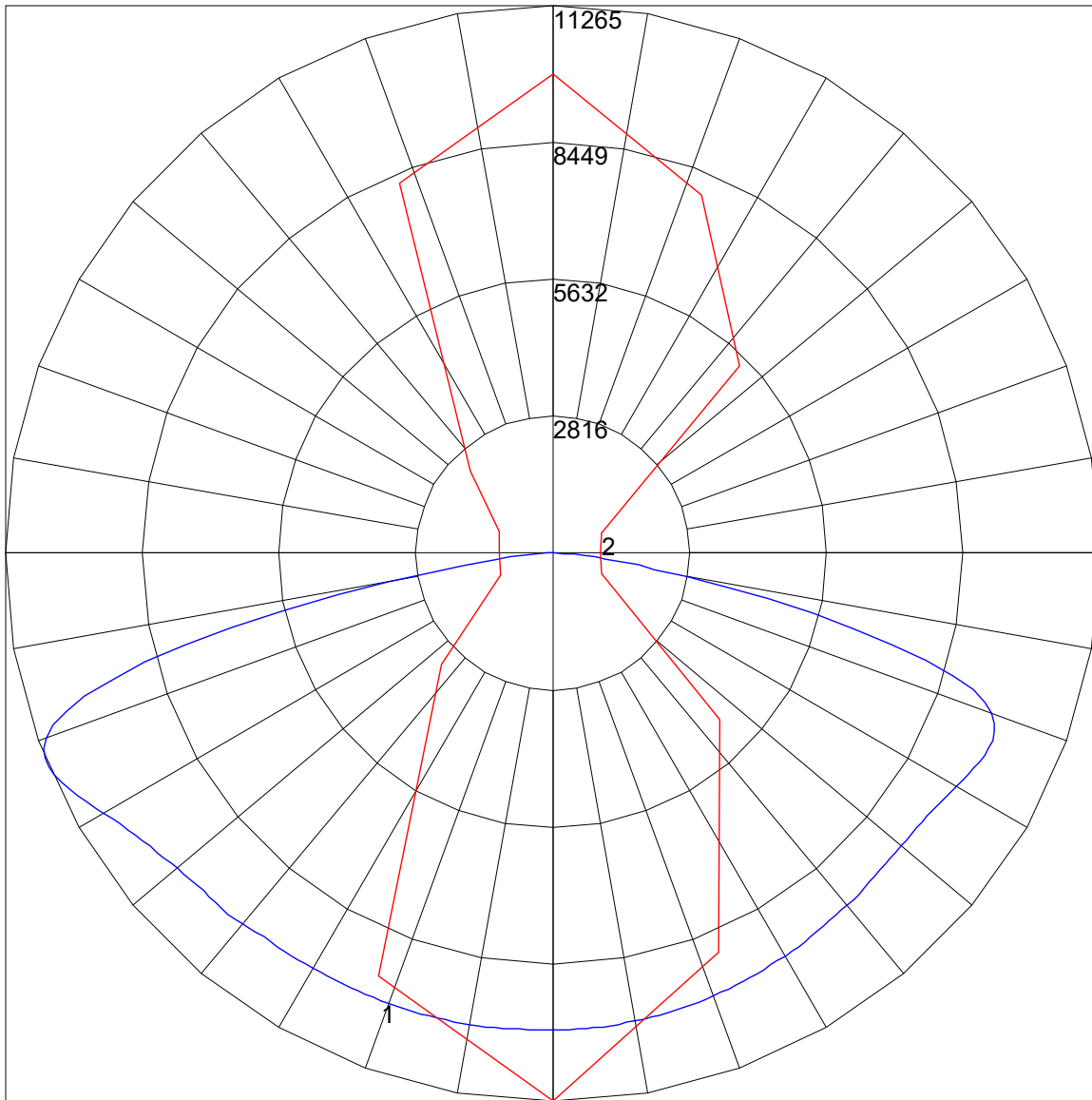
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL40HTT3-34000LM3K.IES

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	25.2	26.9	25.6	27.3	27.6	31.7	33.4	32.0	33.7	34.0
	3H	25.5	27.1	25.9	27.4	27.7	35.6	37.1	35.9	37.5	37.8
	4H	25.5	27.0	25.9	27.4	27.7	37.2	38.7	37.6	39.1	39.4
	6H	25.6	26.9	26.0	27.3	27.7	38.0	39.4	38.4	39.7	40.1
	8H	25.6	26.9	26.0	27.3	27.7	38.1	39.4	38.5	39.8	40.2
	12H	25.6	26.8	26.0	27.2	27.6	38.1	39.4	38.6	39.8	40.2
4H	2H	28.4	29.9	28.8	30.2	30.6	32.0	33.5	32.4	33.8	34.2
	3H	28.7	30.0	29.1	30.3	30.7	36.1	37.4	36.6	37.8	38.2
	4H	28.7	29.8	29.1	30.3	30.7	38.3	39.4	38.7	39.8	40.3
	6H	28.7	29.7	29.2	30.2	30.6	39.4	40.4	39.8	40.8	41.3
	8H	28.7	29.6	29.2	30.1	30.5	39.5	40.5	40.0	40.9	41.4
	12H	28.7	29.5	29.2	30.0	30.5	39.6	40.4	40.1	40.9	41.4
8H	4H	30.6	31.5	31.0	31.9	32.4	38.3	39.3	38.8	39.7	40.2
	6H	30.5	31.3	31.0	31.8	32.3	39.6	40.4	40.1	40.9	41.3
	8H	30.5	31.2	31.0	31.7	32.2	39.8	40.5	40.3	41.0	41.5
	12H	30.5	31.1	31.0	31.6	32.2	39.9	40.5	40.4	41.0	41.6
12H	4H	31.3	32.2	31.8	32.7	33.1	38.3	39.1	38.8	39.6	40.1
	6H	31.3	32.0	31.8	32.5	33.0	39.6	40.3	40.1	40.7	41.3
	8H	31.3	31.9	31.8	32.4	33.0	39.8	40.4	40.3	40.9	41.5

Maximum UGR = 41.6

POLAR GRAPH



Maximum Candela = 11264.83 Located At Horizontal Angle = 270, Vertical Angle = 67
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)