

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-24000LM4K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49932E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-12-01
[ISSUEDATE] 2022-12-01 21:44:05
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT3HV-24000LM4K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24948
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	193.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.62
Spacing Criterion (Diagonal)	1.52
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.28 m
Luminous Width (90-270)	0.15 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	142009	199137	251401
55	107862	216796	312565
65	51977	221456	430952
75	25122	34914	537193
85	15696	15445	219063

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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	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06
1	7104.87	7105.87	7104.08	7099.81	7092.77	7085.58	7076.69	7069.06	7064.88	7065.60
2	7116.53	7119.26	7118.78	7111.49	7099.33	7084.27	7064.00	7046.84	7036.93	7038.83
3	7124.54	7128.83	7130.11	7124.45	7107.38	7082.93	7049.96	7019.91	7002.89	7006.23
4	7130.32	7136.30	7141.03	7135.77	7114.82	7080.13	7033.51	6988.93	6964.11	6969.70
5	7132.99	7142.38	7149.91	7145.12	7120.68	7075.83	7014.10	6954.82	6921.35	6929.21
6	7133.47	7145.83	7157.18	7154.07	7128.54	7072.76	6992.87	6917.63	6874.32	6885.15
7	7132.63	7147.84	7162.07	7162.19	7136.24	7069.55	6969.71	6875.25	6823.58	6837.35
8	7127.87	7148.10	7167.56	7172.30	7144.72	7066.27	6945.96	6832.59	6772.19	6790.20
9	7120.44	7145.14	7172.03	7182.10	7153.68	7061.79	6918.88	6788.83	6718.49	6741.33
10	7108.67	7137.94	7175.50	7194.11	7163.26	7057.41	6891.08	6741.39	6662.22	6689.38
11	7091.08	7126.50	7177.32	7205.56	7173.60	7054.88	6862.68	6692.26	6604.77	6636.59
12	7069.17	7109.73	7178.62	7217.84	7186.22	7051.40	6834.11	6641.25	6543.86	6582.62
13	7041.33	7089.43	7178.84	7230.10	7200.13	7048.60	6803.60	6588.28	6480.50	6526.79
14	7008.33	7066.12	7176.50	7242.97	7212.28	7047.53	6773.41	6534.13	6412.79	6469.05
15	6969.64	7036.04	7171.16	7255.78	7225.98	7045.79	6744.18	6477.37	6343.19	6410.34
16	6926.50	7003.05	7163.90	7266.12	7240.17	7044.08	6713.61	6417.26	6273.57	6348.85
17	6879.84	6966.76	7153.56	7276.33	7253.92	7044.30	6684.22	6357.34	6202.64	6286.65
18	6827.61	6925.78	7139.28	7286.31	7269.41	7045.17	6655.79	6294.87	6131.06	6222.52
19	6773.41	6880.50	7121.70	7296.75	7283.70	7046.05	6626.15	6229.99	6056.79	6156.23
20	6714.49	6833.30	7101.00	7306.53	7298.32	7047.11	6597.51	6164.36	5978.66	6087.42
21	6652.45	6782.93	7078.94	7314.15	7312.13	7047.55	6567.90	6095.72	5900.96	6018.03
22	6584.58	6728.70	7053.70	7321.09	7326.12	7048.23	6537.30	6027.83	5822.10	5945.21
23	6511.99	6668.75	7026.08	7324.62	7339.15	7049.52	6506.88	5957.67	5740.90	5872.60
24	6433.13	6608.56	6999.16	7326.79	7352.11	7050.78	6477.17	5888.65	5657.24	5798.08
25	6349.00	6540.10	6969.16	7326.21	7364.27	7051.43	6444.55	5817.26	5574.09	5723.22
26	6262.85	6468.50	6936.49	7326.63	7377.79	7051.64	6410.75	5743.80	5488.08	5646.42
27	6172.41	6394.14	6904.04	7327.49	7388.11	7051.43	6378.69	5670.95	5402.76	5568.92
28	6075.54	6313.89	6867.68	7328.36	7397.37	7051.21	6346.84	5597.47	5316.30	5490.86
29	5975.12	6230.43	6829.56	7325.16	7407.94	7050.99	6315.45	5523.78	5230.54	5414.46
30	5874.32	6141.94	6788.67	7321.47	7420.16	7050.74	6285.04	5447.43	5144.70	5336.38
31	5773.01	6052.06	6745.52	7317.62	7428.64	7048.33	6252.26	5370.57	5055.40	5260.76
32	5671.55	5958.10	6700.57	7311.95	7435.18	7046.02	6219.69	5291.16	4966.26	5180.10
33	5566.40	5865.20	6652.05	7306.51	7441.12	7043.06	6186.87	5208.85	4871.66	5097.21
34	5457.90	5770.78	6602.86	7300.32	7445.96	7038.00	6153.72	5126.49	4774.77	5010.23
35	5352.53	5675.54	6551.64	7291.64	7450.54	7030.33	6118.18	5042.20	4674.23	4921.27
36	5251.21	5579.95	6497.82	7280.22	7454.60	7021.14	6079.81	4955.52	4566.17	4825.81
37	5146.93	5483.94	6441.55	7268.94	7456.14	7012.77	6042.51	4864.86	4455.59	4728.09
38	5036.63	5384.77	6381.13	7256.10	7458.26	7003.64	6003.28	4769.07	4341.37	4625.55
39	4925.28	5281.66	6318.94	7241.47	7460.46	6992.93	5963.48	4669.88	4228.46	4523.10
40	4811.53	5180.26	6256.94	7224.87	7463.56	6982.31	5922.39	4563.71	4115.40	4414.82
41	4695.92	5077.31	6194.12	7205.88	7467.13	6970.52	5881.58	4455.85	3999.39	4307.91
42	4578.45	4976.76	6129.60	7184.62	7470.64	6957.98	5841.12	4340.45	3874.45	4194.59
43	4457.95	4873.10	6061.75	7161.59	7473.59	6943.05	5799.31	4219.31	3745.14	4080.07
44	4337.53	4765.02	5988.97	7138.55	7472.27	6928.08	5755.60	4093.23	3612.87	3961.98
45	4219.25	4652.27	5916.59	7114.16	7469.41	6911.35	5709.14	3957.52	3483.81	3838.66
46	4098.00	4534.13	5843.63	7086.65	7466.46	6895.63	5659.82	3816.75	3358.54	3705.17
47	3979.69	4412.14	5767.90	7058.21	7465.44	6877.32	5611.68	3679.19	3236.70	3563.35
48	3852.76	4288.83	5692.55	7027.01	7467.26	6853.83	5560.92	3536.69	3116.52	3418.04
49	3712.37	4156.74	5620.86	6989.69	7471.09	6825.42	5505.12	3384.45	2994.60	3277.23
50	3563.41	4019.96	5549.54	6947.16	7474.93	6792.43	5451.39	3230.53	2871.31	3138.99
51	3383.96	3865.06	5481.55	6900.75	7482.56	6765.57	5396.81	3081.49	2742.01	3006.55
52	3190.80	3688.87	5412.54	6852.37	7491.35	6741.36	5334.54	2927.29	2613.94	2867.57
53	2987.92	3480.50	5344.63	6799.44	7501.06	6718.42	5269.98	2774.00	2491.70	2728.56

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CANDELA TABULATION - (Cont.)

54	2790.38	3242.10	5281.97	6746.42	7515.74	6696.43	5201.71	2620.93	2374.29	2585.23
55	2599.52	2989.38	5224.88	6690.11	7532.96	6676.19	5127.55	2474.61	2265.30	2442.07
56	2414.99	2739.67	5175.28	6631.84	7549.77	6655.42	5044.30	2338.16	2158.67	2306.01
57	2239.59	2497.15	5135.91	6566.92	7561.03	6636.95	4948.86	2209.99	2053.60	2176.60
58	2055.33	2265.22	5108.28	6502.11	7570.36	6621.41	4832.23	2091.84	1937.06	2056.45
59	1863.67	2052.48	5072.97	6427.37	7577.42	6603.88	4696.78	1973.05	1811.01	1938.22
60	1668.72	1855.15	5024.17	6351.84	7585.01	6583.27	4530.57	1853.45	1677.85	1812.06
61	1488.18	1661.48	4947.81	6271.78	7592.92	6562.29	4336.99	1715.48	1544.62	1675.21
62	1321.19	1481.86	4824.63	6194.05	7609.07	6545.07	4103.46	1572.28	1423.73	1538.19
63	1169.77	1312.24	4636.15	6118.31	7622.38	6540.22	3846.25	1443.49	1302.84	1415.90
64	1037.52	1156.69	4349.33	6053.30	7636.31	6541.79	3556.10	1314.70	1182.19	1293.62
65	922.99	1016.66	3932.51	6000.46	7652.63	6550.47	3248.73	1186.05	1076.71	1171.47
66	827.88	894.90	3383.28	5962.61	7668.10	6571.09	2907.77	1062.49	979.60	1054.84
67	736.42	788.00	2746.59	5958.35	7674.85	6603.25	2543.78	951.00	889.71	947.90
68	645.98	696.94	2143.09	5984.06	7660.38	6656.91	2141.52	851.57	795.92	847.67
69	580.88	620.81	1674.01	6043.77	7607.07	6714.43	1777.50	765.17	704.79	756.26
70	516.20	544.93	1313.48	6120.45	7497.05	6750.70	1562.29	684.62	628.40	673.13
71	451.52	469.04	1032.90	6202.65	7334.21	6738.35	1347.07	610.31	570.37	601.30
72	392.21	417.23	795.99	6283.20	7105.29	6669.10	1132.14	538.72	519.88	537.52
73	345.42	367.43	609.22	6349.85	6773.87	6540.62	990.74	472.23	471.00	478.65
74	305.60	323.70	493.91	6420.17	6342.38	6363.93	854.01	409.62	426.37	420.55
75	273.20	286.49	379.69	6475.07	5841.98	6138.37	703.59	354.52	390.97	365.33
76	247.43	254.27	318.24	6476.99	5283.85	5859.53	530.88	307.50	358.95	319.68
77	223.76	225.44	271.62	6318.08	4680.82	5551.71	382.64	269.05	329.00	280.40
78	198.91	198.34	233.27	5843.31	3979.45	5277.89	296.02	236.12	294.17	245.57
79	179.48	172.14	199.25	5098.03	3235.92	4891.29	240.15	207.15	254.63	215.46
80	158.19	147.34	169.23	4135.09	2497.49	4244.84	199.25	179.43	228.00	185.78
81	137.88	124.59	142.44	3170.50	1877.40	3389.46	169.39	155.14	199.57	160.59
82	115.77	103.78	117.88	2385.26	1469.64	2588.02	139.53	130.85	170.72	135.40
83	95.61	84.31	94.71	1807.43	1068.23	2039.50	109.84	106.72	141.88	110.39
84	76.14	66.58	73.74	1335.87	906.91	1490.97	86.79	88.19	113.01	91.73
85	57.48	50.72	56.56	973.62	802.23	945.72	66.73	64.41	75.40	63.19
86	38.83	34.93	39.49	699.88	667.95	614.08	48.01	43.74	37.79	42.91
87	20.19	19.13	22.43	488.02	499.13	394.61	32.65	23.07	0.57	22.62
88	4.72	5.52	9.91	278.07	338.55	295.75	17.29	2.75	0.24	2.68
89	2.52	2.97	7.07	68.12	177.97	196.90	2.27	0.66	0.25	0.35
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 : MPLSEL25HTT3HV-24000LM4K.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. 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	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06	7087.06
1	7069.94	7076.68	7084.10	7090.55	7096.99	7101.91	7104.87
2	7048.68	7065.50	7080.92	7094.15	7105.24	7112.90	7116.53
3	7025.66	7053.04	7076.97	7096.82	7111.68	7120.09	7124.54
4	6998.03	7041.31	7076.11	7097.89	7114.46	7124.34	7130.32
5	6970.17	7030.07	7075.89	7100.89	7116.21	7126.14	7132.99
6	6941.22	7017.18	7075.47	7103.45	7118.96	7126.18	7133.47
7	6910.08	7005.59	7077.15	7106.92	7120.11	7124.70	7132.63
8	6878.69	6994.67	7078.47	7111.08	7120.78	7122.08	7127.87
9	6845.41	6981.41	7078.27	7113.84	7120.78	7116.78	7120.44
10	6813.47	6967.66	7076.79	7115.37	7120.36	7108.22	7108.67
11	6779.32	6953.47	7075.24	7115.41	7117.54	7095.56	7091.08
12	6743.38	6937.83	7073.95	7114.98	7112.73	7078.83	7069.17
13	6706.13	6925.61	7074.99	7116.03	7105.59	7057.46	7041.33
14	6667.26	6913.43	7077.56	7119.46	7096.48	7032.12	7008.33
15	6630.77	6900.60	7080.78	7122.90	7083.49	7000.68	6969.64
16	6593.11	6888.39	7083.99	7126.54	7068.78	6966.47	6926.50
17	6555.30	6876.92	7086.24	7129.23	7051.96	6928.71	6879.84
18	6519.25	6864.23	7087.97	7130.32	7033.98	6887.21	6827.61
19	6481.30	6851.69	7089.88	7130.54	7015.53	6841.59	6773.41
20	6444.31	6839.16	7091.82	7130.34	6993.72	6792.08	6714.49
21	6405.09	6827.34	7093.14	7129.91	6970.82	6740.20	6652.45
22	6364.23	6815.46	7093.59	7127.14	6944.59	6684.96	6584.58
23	6322.98	6802.63	7094.87	7121.98	6915.18	6625.62	6511.99
24	6281.13	6790.71	7096.16	7116.22	6882.24	6563.65	6433.13
25	6239.43	6778.98	7095.98	7110.30	6847.34	6497.99	6349.00
26	6197.01	6766.63	7097.48	7103.61	6811.69	6427.75	6262.85
27	6153.90	6754.58	7099.42	7096.64	6774.53	6354.89	6172.41
28	6110.29	6740.74	7099.86	7089.27	6737.24	6277.88	6075.54
29	6066.13	6728.05	7100.08	7082.87	6696.01	6198.91	5975.12
30	6020.96	6716.40	7099.87	7075.06	6653.00	6116.72	5874.32
31	5973.31	6704.73	7097.75	7067.38	6608.52	6032.40	5773.01
32	5925.54	6691.88	7092.78	7058.21	6562.43	5946.88	5671.55
33	5875.67	6676.29	7088.65	7047.78	6519.06	5859.89	5566.40
34	5828.68	6660.49	7082.47	7035.35	6470.89	5770.68	5457.90
35	5781.80	6643.83	7079.37	7023.24	6419.65	5681.69	5352.53
36	5733.69	6625.63	7071.45	7009.88	6367.99	5590.22	5251.21

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	5686.09	6606.81	7068.14	6991.57	6313.18	5497.63	5146.93
38	5640.26	6588.34	7064.25	6973.26	6256.35	5401.94	5036.63
39	5592.45	6568.34	7059.73	6959.22	6195.80	5301.85	4925.28
40	5543.63	6545.43	7057.16	6942.27	6134.99	5203.07	4811.53
41	5494.09	6523.67	7055.83	6922.88	6072.77	5101.24	4695.92
42	5442.96	6501.25	7056.21	6903.31	6005.65	5002.13	4578.45
43	5393.32	6477.11	7059.89	6881.37	5935.90	4902.74	4457.95
44	5341.86	6451.89	7062.04	6858.22	5866.23	4802.68	4337.53
45	5289.51	6429.09	7064.40	6834.21	5794.01	4699.98	4219.25
46	5233.60	6407.14	7060.40	6808.02	5720.13	4592.67	4098.00
47	5174.53	6383.70	7053.92	6784.06	5643.88	4480.05	3979.69
48	5114.99	6362.00	7048.93	6760.64	5568.01	4359.19	3852.76
49	5053.42	6341.01	7047.80	6731.77	5490.43	4231.41	3712.37
50	4989.40	6317.28	7048.44	6696.16	5414.52	4098.88	3563.41
51	4918.30	6291.92	7052.29	6657.50	5338.01	3954.38	3383.96
52	4835.67	6268.18	7061.54	6620.96	5265.82	3791.38	3190.80
53	4742.18	6245.64	7072.70	6584.50	5196.96	3608.90	2987.92
54	4637.70	6222.27	7084.62	6546.65	5134.39	3403.48	2790.38
55	4522.90	6202.14	7099.78	6508.51	5078.26	3169.96	2599.52
56	4395.94	6180.76	7116.67	6470.04	5027.71	2919.00	2414.99
57	4247.97	6160.71	7131.25	6426.31	4989.67	2675.03	2239.59
58	4077.22	6139.01	7143.92	6378.33	4963.49	2453.56	2055.33
59	3873.49	6113.73	7155.27	6324.51	4951.49	2237.39	1863.67
60	3634.73	6087.52	7172.66	6267.25	4943.23	2008.00	1668.72
61	3366.56	6059.69	7193.75	6201.52	4928.67	1777.41	1488.18
62	3075.59	6029.02	7218.95	6136.71	4901.47	1549.68	1321.19
63	2765.97	6002.29	7245.66	6072.86	4854.27	1349.61	1169.77
64	2432.21	5974.07	7278.93	6010.15	4760.21	1178.43	1037.52
65	2084.23	5949.95	7315.79	5947.40	4581.81	1035.52	922.99
66	1774.44	5934.11	7360.81	5892.18	4271.95	914.89	827.88
67	1537.49	5939.51	7408.56	5848.62	3802.80	805.57	736.42
68	1300.53	5975.72	7454.15	5829.35	3174.91	712.17	645.98
69	1065.09	6040.68	7478.21	5823.10	2499.06	627.86	580.88
70	888.30	6115.85	7453.63	5803.69	1976.75	549.44	516.20
71	754.89	6183.36	7378.22	5765.50	1609.14	471.17	451.52
72	643.14	6215.83	7239.39	5710.13	1326.38	414.87	392.21
73	542.89	6227.35	7012.36	5623.43	1113.55	361.99	345.42
74	462.97	6186.60	6689.59	5506.17	936.67	316.15	305.60
75	400.75	6065.06	6266.48	5380.21	749.30	279.28	273.20
76	348.71	5891.22	5781.88	5315.91	591.92	249.10	247.43
77	300.48	5657.15	5233.80	5340.36	434.90	221.64	223.76
78	255.52	5249.04	4613.37	5329.34	277.88	195.53	198.91
79	216.55	4620.04	3918.51	5115.78	221.57	169.51	179.48
80	183.36	3730.87	3070.32	4659.08	185.05	144.43	158.19
81	156.79	2713.62	2149.10	3877.12	155.01	121.54	137.88
82	130.22	2125.15	1495.56	3081.95	128.20	100.32	115.77
83	103.78	1536.69	1118.19	2427.94	103.63	81.87	95.61
84	82.42	949.41	929.24	1860.32	80.62	64.42	76.14
85	63.32	657.18	818.96	1346.82	60.21	49.17	57.48
86	43.63	446.84	697.90	940.73	42.04	33.98	38.83
87	29.52	304.86	497.07	616.75	23.92	18.78	20.19
88	15.40	162.88	293.70	334.46	10.23	5.47	4.72
89	1.69	23.74	90.32	52.20	7.33	2.96	2.52
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 : MPLSEL25HTT3HV-24000LM4K.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 : MPLSEL25HTT3HV-24000LM4K.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 : MPLSEL25HTT3HV-24000LM4K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2624.79	N.A.	10.50
0-30	5675.47	N.A.	22.70
0-40	9541.32	N.A.	38.20
0-60	18137.77	N.A.	72.70
0-80	24400.72	N.A.	97.80
0-90	24948.00	N.A.	100.00
10-90	24275.79	N.A.	97.30
20-40	6916.54	N.A.	27.70
20-50	11228.89	N.A.	45.00
40-70	12268.83	N.A.	49.20
60-80	6262.94	N.A.	25.10
70-80	2590.57	N.A.	10.40
80-90	547.28	N.A.	2.20
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	24948.00	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	672.22
10-20	1952.57
20-30	3050.68
30-40	3865.86
40-50	4312.35
50-60	4284.1
60-70	3672.38
70-80	2590.56
80-90	547.28
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 : MPLSEL25HTT3HV-24000LM4K.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	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	33
7	62	48	39	32	60	47	38	32	45	38	32	44	37	32	43	36	31	29
8	58	44	35	29	56	43	34	28	41	34	28	40	33	28	39	33	28	26
9	54	40	31	26	52	39	31	25	38	31	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	23	21

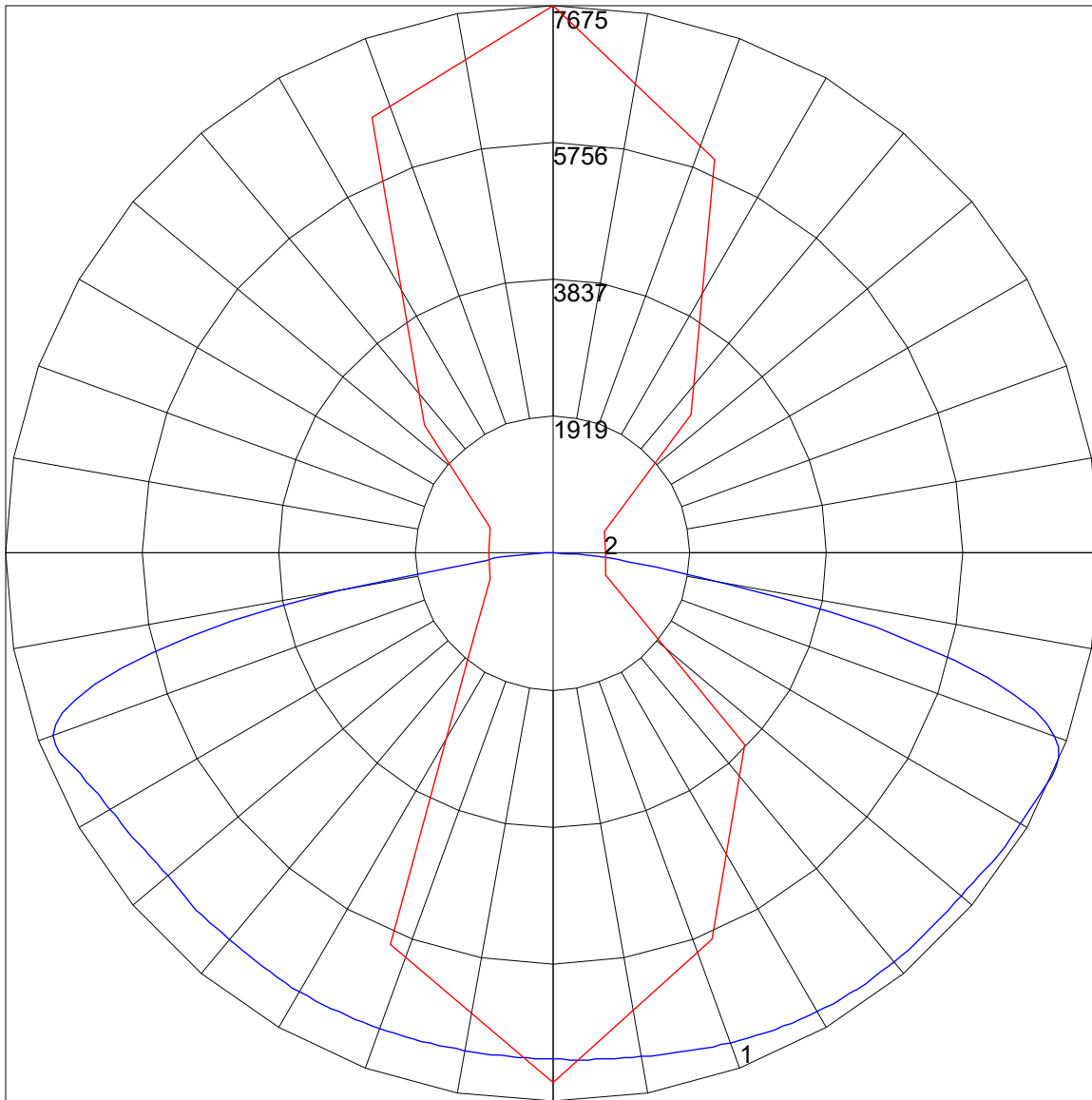
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-24000LM4K.IES

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	26.4	28.1	26.8	28.4	28.7	33.7	35.4	34.0	35.7	36.0
	3H	26.7	28.3	27.1	28.6	29.0	37.4	39.0	37.8	39.3	39.7
	4H	26.8	28.2	27.1	28.6	29.0	39.1	40.6	39.5	40.9	41.3
	6H	26.8	28.2	27.2	28.5	28.9	40.0	41.4	40.4	41.7	42.1
	8H	26.8	28.1	27.2	28.5	28.9	40.1	41.4	40.5	41.8	42.2
	12H	26.8	28.1	27.2	28.4	28.9	40.1	41.4	40.5	41.8	42.2
4H	2H	29.5	31.0	29.9	31.3	31.7	33.9	35.4	34.3	35.8	36.1
	3H	29.7	31.0	30.1	31.4	31.8	37.9	39.2	38.3	39.6	40.0
	4H	29.7	30.9	30.2	31.3	31.7	40.1	41.2	40.5	41.6	42.1
	6H	29.7	30.8	30.2	31.2	31.6	41.4	42.4	41.8	42.8	43.2
	8H	29.7	30.7	30.2	31.1	31.6	41.5	42.5	42.0	42.9	43.4
	12H	29.7	30.6	30.2	31.1	31.5	41.6	42.5	42.1	42.9	43.4
8H	4H	31.4	32.3	31.8	32.8	33.2	40.1	41.0	40.5	41.5	41.9
	6H	31.4	32.2	31.9	32.6	33.1	41.6	42.4	42.1	42.8	43.3
	8H	31.4	32.1	31.9	32.6	33.0	41.9	42.6	42.4	43.1	43.6
	12H	31.3	32.0	31.9	32.5	33.0	42.0	42.6	42.5	43.1	43.7
12H	4H	32.3	33.2	32.8	33.6	34.1	40.1	40.9	40.5	41.4	41.9
	6H	32.3	33.0	32.8	33.5	34.0	41.6	42.3	42.1	42.7	43.3
	8H	32.3	32.9	32.8	33.4	34.0	41.9	42.5	42.4	43.0	43.5

Maximum UGR = 43.7

POLAR GRAPH



Maximum Candela = 7674.85 Located At Horizontal Angle = 90, Vertical Angle = 67
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)