

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49930E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-12-01
[ISSUEDATE] 2022-12-01 23:47:18
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT3-24000LM4K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24601
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	131
Total Luminaire Watts	187.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
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	144817	201382	247835
55	115146	218566	308527
65	58474	255045	426201
75	28149	54021	509973
85	21094	17613	201843

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

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	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65
1	6993.73	6995.51	6993.21	6986.87	6977.40	6967.50	6956.66	6947.73	6941.97	6942.15
2	7011.49	7014.44	7011.42	7001.65	6985.24	6964.84	6940.68	6919.92	6907.15	6908.66
3	7024.73	7030.13	7028.47	7016.46	6993.24	6960.47	6922.24	6887.54	6868.11	6871.51
4	7033.25	7041.27	7042.13	7030.08	6999.41	6955.55	6900.50	6852.34	6824.33	6830.10
5	7040.02	7050.20	7053.21	7042.05	7006.30	6949.77	6876.90	6813.25	6776.19	6785.83
6	7042.76	7057.94	7061.85	7052.48	7014.37	6945.40	6853.40	6771.96	6726.97	6739.89
7	7044.04	7061.34	7070.07	7062.61	7022.92	6940.69	6826.61	6728.70	6674.88	6691.44
8	7043.65	7064.64	7076.70	7073.81	7032.19	6934.81	6798.26	6683.72	6621.18	6641.02
9	7039.45	7065.72	7083.48	7085.47	7040.68	6927.79	6769.32	6636.15	6565.69	6589.36
10	7032.42	7063.37	7089.72	7097.09	7051.15	6921.22	6740.20	6585.84	6507.16	6536.31
11	7021.44	7057.79	7095.70	7109.93	7062.69	6916.60	6709.66	6534.78	6445.54	6482.20
12	7004.82	7047.26	7100.88	7123.51	7075.51	6911.65	6678.12	6481.23	6381.46	6426.26
13	6982.37	7032.29	7105.46	7138.14	7088.96	6908.60	6646.66	6426.17	6313.49	6368.67
14	6957.01	7014.30	7108.85	7151.25	7102.11	6905.84	6615.25	6368.59	6245.02	6308.27
15	6923.85	6992.36	7109.78	7163.01	7116.64	6903.05	6583.49	6311.26	6175.94	6248.12
16	6885.93	6963.94	7107.73	7176.08	7130.84	6901.80	6551.64	6248.86	6104.91	6185.58
17	6844.20	6933.05	7101.89	7190.36	7146.42	6902.43	6520.01	6186.11	6032.19	6120.51
18	6797.62	6897.94	7093.92	7202.78	7160.99	6902.86	6491.17	6120.03	5957.66	6054.72
19	6748.65	6858.99	7082.39	7215.29	7175.14	6903.08	6460.39	6054.81	5880.93	5986.68
20	6695.56	6816.32	7066.66	7226.84	7188.52	6903.51	6429.08	5984.86	5802.93	5917.26
21	6640.10	6771.35	7047.83	7236.59	7203.35	6903.51	6396.40	5916.50	5723.02	5846.70
22	6578.96	6722.35	7026.59	7245.66	7217.20	6904.81	6364.29	5846.43	5643.71	5775.43
23	6513.05	6670.45	7004.19	7252.68	7230.65	6905.66	6332.20	5777.95	5561.22	5700.44
24	6443.16	6615.32	6981.78	7258.44	7244.05	6906.07	6299.40	5703.17	5476.87	5625.98
25	6365.87	6555.95	6957.28	7261.87	7256.33	6905.01	6265.52	5629.76	5393.02	5550.54
26	6285.34	6492.37	6929.33	7265.98	7268.78	6904.59	6231.14	5553.99	5307.59	5472.34
27	6200.03	6423.09	6898.87	7270.75	7279.27	6905.00	6198.34	5481.29	5223.06	5395.68
28	6111.35	6351.13	6867.13	7273.77	7290.07	6904.15	6165.86	5406.16	5139.31	5318.97
29	6015.27	6274.52	6834.36	7272.54	7301.78	6902.63	6133.22	5331.08	5052.44	5245.33
30	5917.93	6193.39	6799.30	7270.18	7312.22	6901.07	6099.73	5253.78	4965.40	5170.34
31	5820.81	6111.34	6759.73	7268.45	7321.31	6898.32	6065.34	5173.75	4876.16	5091.49
32	5720.68	6022.81	6719.44	7267.34	7328.00	6895.68	6029.98	5091.93	4783.16	5010.23
33	5619.10	5932.14	6675.71	7265.40	7333.98	6890.97	5994.25	5009.53	4687.09	4924.26
34	5514.22	5839.69	6630.24	7259.66	7339.61	6884.45	5959.71	4926.18	4585.03	4836.72
35	5409.65	5746.88	6583.64	7252.32	7344.37	6875.94	5920.96	4838.80	4478.61	4744.80
36	5305.67	5653.35	6534.98	7242.84	7347.55	6867.19	5880.96	4748.27	4367.99	4646.08
37	5204.73	5558.33	6485.10	7236.29	7349.51	6857.79	5841.85	4651.52	4254.90	4546.85
38	5099.31	5464.14	6429.72	7226.82	7351.84	6847.37	5800.04	4550.60	4144.08	4444.54
39	4990.01	5365.76	6370.31	7214.57	7354.25	6837.37	5758.18	4446.69	4032.69	4339.53
40	4882.86	5266.71	6311.38	7200.39	7357.00	6827.37	5717.64	4335.79	3916.30	4232.98
41	4769.89	5164.96	6251.46	7183.32	7360.71	6814.52	5675.08	4222.63	3792.38	4124.68
42	4656.56	5063.55	6189.38	7163.88	7364.79	6800.21	5630.94	4097.76	3663.37	4012.55
43	4537.60	4962.81	6124.19	7143.52	7366.44	6783.66	5585.30	3968.84	3534.41	3896.38
44	4420.59	4861.42	6055.44	7122.88	7364.72	6766.56	5538.81	3834.66	3408.19	3777.19
45	4302.66	4757.13	5983.28	7102.30	7363.44	6748.27	5488.79	3698.86	3286.45	3647.75
46	4184.72	4645.88	5909.45	7077.69	7360.83	6730.44	5438.43	3562.91	3166.41	3509.80
47	4066.24	4531.36	5837.49	7051.85	7358.93	6708.78	5385.08	3419.37	3048.36	3367.17
48	3948.81	4408.27	5764.06	7022.30	7362.39	6680.87	5326.73	3270.06	2931.14	3229.85
49	3821.87	4282.30	5687.67	6988.58	7365.79	6649.35	5269.55	3117.00	2804.86	3096.31
50	3691.48	4153.27	5616.45	6951.51	7371.94	6620.62	5210.47	2973.05	2677.70	2963.22
51	3540.92	4014.55	5542.21	6908.92	7379.83	6594.76	5145.14	2826.74	2552.22	2831.38
52	3366.32	3861.45	5469.61	6864.09	7389.95	6572.18	5075.25	2675.38	2431.63	2692.99
53	3175.14	3689.44	5398.47	6816.20	7402.57	6547.86	4998.60	2532.04	2318.08	2553.96

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

CANDELA TABULATION - (Cont.)

54	2976.16	3480.51	5329.79	6764.67	7418.32	6526.01	4914.30	2392.49	2212.27	2412.89
55	2775.07	3241.91	5267.54	6713.94	7435.64	6504.37	4817.48	2262.96	2108.61	2278.14
56	2588.14	2986.19	5212.03	6660.59	7451.04	6482.85	4703.87	2141.88	2002.57	2151.08
57	2407.77	2730.86	5166.25	6602.68	7460.52	6464.44	4563.60	2026.88	1888.46	2033.92
58	2231.06	2484.59	5132.72	6538.48	7469.13	6446.55	4400.41	1911.48	1762.48	1917.66
59	2053.50	2250.11	5114.39	6467.55	7477.11	6425.14	4204.67	1787.08	1631.06	1794.69
60	1863.54	2031.68	5094.81	6391.77	7486.36	6401.47	3975.27	1651.79	1500.46	1664.36
61	1669.84	1827.08	5066.86	6313.78	7500.41	6382.94	3710.67	1508.29	1382.70	1528.09
62	1490.91	1634.66	5016.36	6233.42	7516.91	6373.03	3423.63	1383.56	1264.95	1407.55
63	1323.94	1458.29	4931.96	6158.12	7533.34	6371.60	3118.73	1258.84	1147.26	1287.00
64	1172.60	1289.48	4781.58	6088.28	7549.22	6377.72	2793.96	1134.21	1045.64	1166.53
65	1038.36	1134.71	4528.96	6034.43	7568.26	6392.84	2442.60	1014.54	951.60	1049.43
66	925.45	998.97	4146.62	5997.14	7585.00	6424.70	2073.81	907.25	862.05	943.80
67	827.59	877.74	3605.40	5984.56	7588.58	6472.77	1740.30	813.49	770.51	846.17
68	737.59	774.09	2975.62	5996.80	7565.67	6535.41	1520.49	731.34	680.97	755.67
69	648.58	685.92	2354.64	6033.56	7492.57	6588.95	1300.68	655.19	608.36	673.05
70	583.19	609.72	1869.73	6080.18	7364.84	6603.51	1081.53	585.37	553.32	601.90
71	517.91	533.89	1496.47	6120.70	7179.48	6557.03	936.66	517.12	503.46	538.31
72	452.64	458.06	1211.67	6154.16	6914.23	6453.66	807.87	454.53	456.42	478.88
73	394.13	405.63	968.31	6170.49	6536.92	6306.40	681.53	395.26	413.93	420.45
74	345.81	356.38	728.47	6177.14	6081.24	6126.88	546.85	342.35	380.29	366.09
75	306.12	313.41	587.48	6198.96	5545.97	5902.76	417.29	298.21	349.38	319.18
76	273.65	277.45	449.40	6210.90	4975.43	5620.95	328.86	261.00	320.22	279.46
77	247.41	245.62	311.32	6092.59	4349.92	5362.99	268.71	229.35	284.51	245.14
78	223.67	217.57	259.49	5718.12	3625.23	5008.04	224.54	200.27	247.48	214.76
79	198.91	191.54	220.59	5075.67	2863.65	4383.74	188.35	174.28	221.69	185.93
80	179.58	165.78	187.37	4189.93	2145.59	3495.38	160.44	148.30	194.05	160.76
81	158.77	141.23	158.19	3230.48	1746.78	2612.22	132.52	122.42	164.29	135.59
82	138.61	119.01	131.78	2436.59	1347.97	2051.98	104.62	101.69	134.53	110.44
83	116.78	98.97	107.29	1849.51	949.46	1491.74	82.47	83.90	104.61	91.64
84	96.48	79.91	84.71	1380.36	843.10	933.68	63.02	55.34	69.85	64.98
85	77.25	62.70	64.50	996.05	739.17	605.33	43.71	37.54	35.10	44.19
86	58.61	46.47	48.16	716.03	593.98	396.13	29.62	19.75	0.40	23.40
87	39.97	30.25	31.83	499.33	417.49	296.75	15.54	2.21	0.25	2.95
88	21.33	16.58	15.50	283.03	277.68	197.37	1.76	0.60	0.25	0.40
89	5.43	11.32	4.99	66.74	137.87	98.00	0.84	0.57	0.26	0.29
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

CANDELA TABULATION - (Cont.)

110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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 : MPLSEL25HTT3-24000LM4K.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. 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	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65	6970.65
1	6947.18	6957.36	6966.61	6976.08	6983.66	6989.90	6993.73
2	6922.86	6943.08	6963.63	6981.17	6995.46	7005.73	7011.49
3	6894.67	6927.62	6961.84	6986.85	7005.45	7018.21	7024.73
4	6863.47	6912.46	6959.51	6991.34	7012.90	7025.47	7033.25
5	6832.01	6898.65	6960.29	6996.92	7015.02	7030.31	7040.02
6	6800.07	6884.07	6959.67	7001.34	7018.28	7033.01	7042.76
7	6766.42	6870.34	6960.50	7005.13	7021.76	7033.68	7044.04
8	6732.43	6858.15	6962.23	7009.51	7022.61	7032.62	7043.65
9	6699.39	6844.94	6963.09	7012.91	7023.88	7031.98	7039.45
10	6665.03	6829.36	6962.68	7015.59	7024.54	7026.78	7032.42
11	6629.48	6814.20	6962.47	7016.44	7025.64	7019.27	7021.44
12	6591.78	6797.67	6961.83	7016.02	7024.78	7007.65	7004.82
13	6553.88	6782.92	6962.86	7016.23	7020.13	6991.79	6982.37
14	6515.72	6770.83	6965.00	7017.71	7014.53	6972.94	6957.01
15	6476.94	6759.07	6967.33	7020.97	7007.54	6949.60	6923.85
16	6438.09	6747.71	6969.56	7025.48	6996.42	6919.86	6885.93
17	6400.24	6736.46	6971.89	7029.52	6983.00	6887.02	6844.20
18	6361.38	6724.45	6973.84	7032.36	6968.27	6850.01	6797.62
19	6323.55	6710.84	6975.33	7033.65	6952.37	6809.93	6748.65
20	6286.05	6699.22	6976.22	7034.12	6934.43	6764.75	6695.56
21	6246.16	6687.21	6976.45	7035.17	6913.16	6717.46	6640.10
22	6205.47	6676.65	6977.08	7034.36	6891.55	6666.49	6578.96
23	6163.70	6663.79	6978.57	7031.61	6864.55	6611.24	6513.05
24	6121.94	6651.85	6979.67	7027.90	6836.70	6553.94	6443.16
25	6080.21	6640.19	6980.74	7023.01	6804.30	6493.56	6365.87
26	6036.86	6628.92	6982.25	7017.40	6770.49	6428.98	6285.34
27	5994.34	6616.48	6983.33	7011.55	6735.45	6358.95	6200.03
28	5949.12	6602.85	6983.13	7003.42	6699.52	6287.29	6111.35
29	5904.72	6589.33	6983.34	6998.25	6661.36	6210.53	6015.27
30	5859.41	6577.91	6984.61	6991.33	6620.00	6131.82	5917.93
31	5811.71	6566.88	6983.37	6983.88	6578.38	6051.80	5820.81
32	5762.54	6554.29	6980.16	6976.25	6534.49	5968.12	5720.68
33	5713.13	6539.89	6976.07	6968.26	6490.36	5882.89	5619.10
34	5666.42	6525.09	6970.14	6956.57	6445.68	5795.41	5514.22
35	5619.67	6508.40	6966.00	6944.68	6397.60	5708.41	5409.65
36	5574.49	6490.23	6960.00	6932.83	6346.95	5619.34	5305.67

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

CANDELA TABULATION - (Cont.)

37	5529.15	6472.32	6954.81	6919.24	6295.27	5529.34	5204.73
38	5482.27	6454.86	6951.11	6899.02	6241.43	5438.06	5099.31
39	5436.38	6434.51	6946.00	6880.72	6184.40	5342.82	4990.01
40	5389.06	6412.80	6941.82	6866.06	6125.32	5246.15	4882.86
41	5339.75	6392.48	6940.55	6847.82	6063.02	5145.15	4769.89
42	5290.75	6370.52	6939.68	6828.81	6000.59	5044.78	4656.56
43	5241.31	6346.91	6941.35	6809.75	5934.76	4946.60	4537.60
44	5191.49	6323.03	6944.54	6787.28	5864.68	4847.68	4420.59
45	5137.98	6300.64	6947.96	6764.25	5794.87	4748.18	4302.66
46	5082.45	6279.16	6945.73	6739.80	5722.72	4645.69	4184.72
47	5023.58	6257.68	6939.76	6714.52	5649.21	4540.52	4066.24
48	4966.21	6237.04	6933.75	6690.35	5573.09	4425.55	3948.81
49	4905.76	6216.42	6931.28	6665.37	5496.31	4306.50	3821.87
50	4840.17	6193.72	6931.04	6635.64	5420.33	4184.35	3691.48
51	4764.82	6169.92	6932.52	6597.05	5343.76	4050.66	3540.92
52	4679.80	6147.23	6939.10	6559.63	5268.03	3909.07	3366.32
53	4581.09	6125.71	6948.69	6523.37	5195.67	3750.52	3175.14
54	4478.58	6104.11	6959.67	6486.17	5125.87	3573.43	2976.16
55	4357.83	6084.49	6973.10	6447.74	5063.99	3372.92	2775.07
56	4225.18	6063.43	6987.74	6408.20	5006.89	3147.14	2588.14
57	4070.66	6044.17	7003.49	6367.90	4956.28	2908.20	2407.77
58	3886.89	6023.94	7015.54	6322.77	4917.37	2664.80	2231.06
59	3673.36	6000.17	7025.77	6272.48	4889.19	2449.44	2053.50
60	3428.11	5974.56	7039.06	6216.95	4875.68	2236.22	1863.54
61	3161.32	5947.90	7057.37	6155.92	4864.76	2010.58	1669.84
62	2869.52	5917.82	7079.47	6089.22	4848.22	1782.88	1490.91
63	2562.12	5892.65	7105.57	6023.39	4817.70	1562.60	1323.94
64	2232.28	5866.07	7133.33	5957.03	4764.13	1361.32	1172.60
65	1908.28	5843.60	7166.25	5891.24	4659.03	1188.06	1038.36
66	1630.57	5830.33	7207.12	5828.25	4465.76	1044.88	925.45
67	1408.83	5836.44	7251.83	5770.82	4144.73	919.67	827.59
68	1187.08	5874.04	7300.48	5727.83	3669.64	811.83	737.59
69	965.93	5939.14	7334.44	5707.58	3042.07	716.86	648.58
70	813.86	6012.33	7329.13	5698.80	2377.52	624.48	583.19
71	695.03	6075.06	7278.38	5676.06	1868.45	549.79	517.91
72	589.15	6104.32	7171.83	5637.81	1516.28	475.39	452.64
73	499.70	6109.31	6992.03	5585.91	1242.81	420.92	394.13
74	429.09	6063.91	6706.95	5504.00	1031.40	367.69	345.81
75	372.59	5939.47	6338.59	5397.75	861.62	320.81	306.12
76	322.92	5770.26	5891.32	5302.33	681.81	283.61	273.65
77	276.65	5541.94	5376.15	5278.67	541.72	252.16	247.41
78	235.32	5157.12	4800.20	5333.87	403.03	224.99	223.67
79	199.47	4577.23	4151.90	5294.31	264.34	198.76	198.91
80	171.43	3728.34	3387.13	5031.66	216.66	173.03	179.58
81	143.39	2738.64	2474.93	4485.10	182.90	147.93	158.77
82	115.38	2153.01	1705.90	3676.76	153.60	124.32	138.61
83	92.69	1567.39	1237.71	2913.59	127.28	103.58	116.78
84	72.38	983.71	975.89	2278.96	102.87	84.58	96.48
85	53.94	687.33	850.38	1736.79	80.02	67.30	77.25
86	36.98	466.81	745.61	1232.70	60.05	51.86	58.61
87	20.01	318.71	607.18	865.66	42.21	36.47	39.97
88	3.39	170.61	411.98	547.19	24.38	21.09	21.33
89	1.00	26.20	216.42	282.11	10.82	7.41	5.43
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 : MPLSEL25HTT3-24000LM4K.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 : MPLSEL25HTT3-24000LM4K.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 : MPLSEL25HTT3-24000LM4K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2582.07	N.A.	10.50
0-30	5587.61	N.A.	22.70
0-40	9398.97	N.A.	38.20
0-60	17875.1	N.A.	72.70
0-80	24048.76	N.A.	97.80
0-90	24600.69	N.A.	100.00
10-90	23939.68	N.A.	97.30
20-40	6816.9	N.A.	27.70
20-50	11066.65	N.A.	45.00
40-70	12104.45	N.A.	49.20
60-80	6173.65	N.A.	25.10
70-80	2545.33	N.A.	10.30
80-90	551.94	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	24600.69	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	661.02
10-20	1921.06
20-30	3005.54
30-40	3811.36
40-50	4249.76
50-60	4226.37
60-70	3628.32
70-80	2545.33
80-90	551.94
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 : MPLSEL25HTT3-24000LM4K.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	48	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	25	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

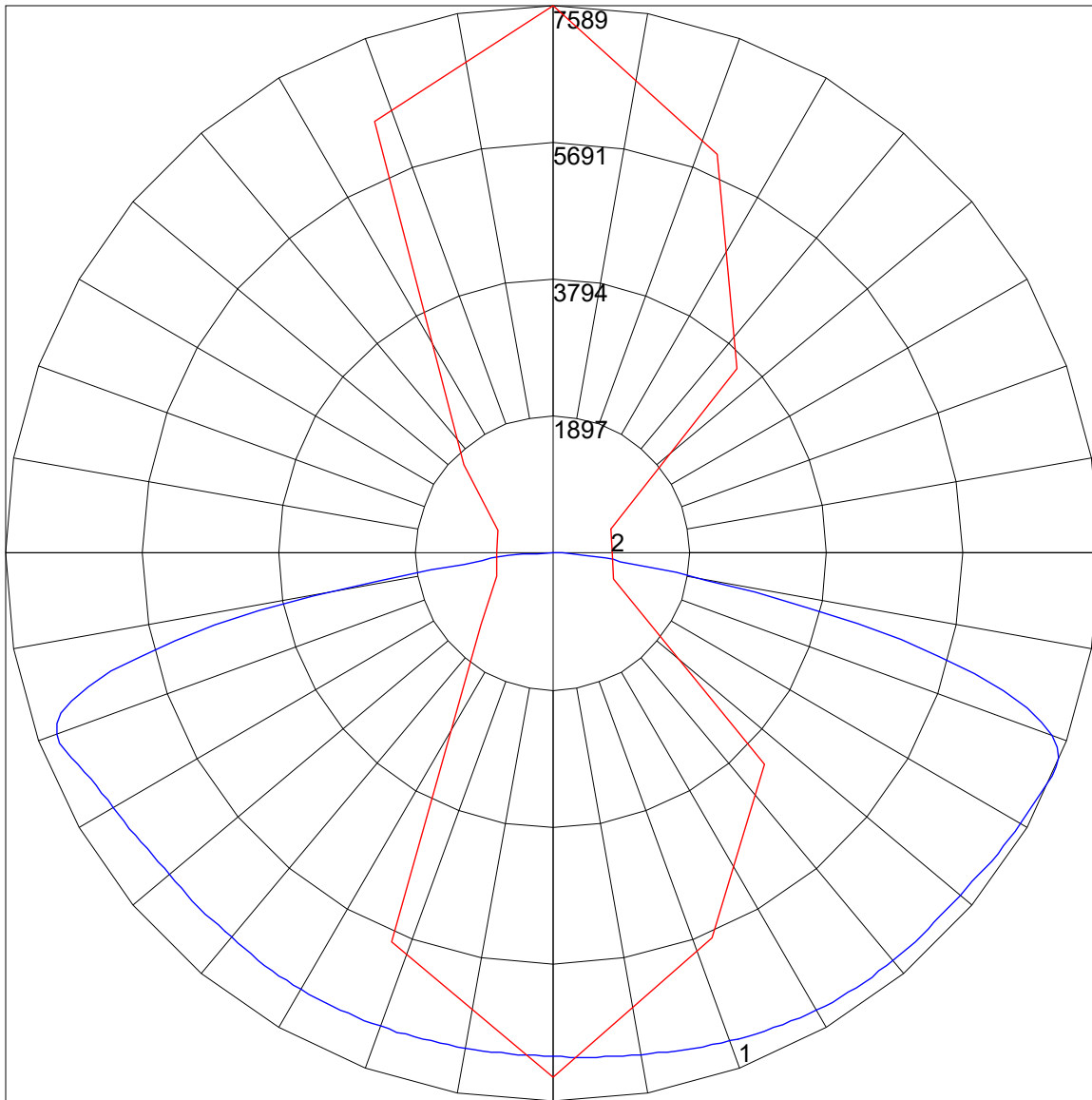
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM4K.IES

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	27.0	28.7	27.3	29.0	29.3	33.6	35.3	33.9	35.6	35.9
	3H	27.3	28.9	27.7	29.2	29.6	37.3	38.9	37.7	39.2	39.6
	4H	27.4	28.9	27.8	29.2	29.6	38.9	40.4	39.3	40.7	41.1
	6H	27.4	28.8	27.8	29.2	29.6	39.7	41.1	40.1	41.5	41.9
	8H	27.4	28.8	27.9	29.1	29.5	39.8	41.1	40.2	41.5	41.9
	12H	27.4	28.7	27.8	29.1	29.5	39.8	41.1	40.3	41.5	41.9
4H	2H	30.0	31.5	30.4	31.8	32.2	33.9	35.4	34.3	35.7	36.1
	3H	30.3	31.6	30.7	32.0	32.4	37.8	39.1	38.2	39.5	39.9
	4H	30.3	31.5	30.7	31.9	32.3	39.9	41.0	40.3	41.5	41.9
	6H	30.3	31.3	30.8	31.8	32.2	41.1	42.1	41.5	42.5	43.0
	8H	30.3	31.3	30.8	31.7	32.2	41.2	42.2	41.7	42.6	43.1
	12H	30.3	31.2	30.8	31.7	32.1	41.3	42.1	41.8	42.6	43.1
8H	4H	31.8	32.7	32.2	33.1	33.6	39.9	40.8	40.4	41.3	41.7
	6H	31.8	32.5	32.2	33.0	33.5	41.3	42.1	41.8	42.6	43.0
	8H	31.7	32.4	32.2	33.0	33.4	41.5	42.2	42.0	42.7	43.2
	12H	31.7	32.4	32.2	32.9	33.4	41.7	42.3	42.2	42.8	43.3
12H	4H	32.7	33.5	33.1	34.0	34.5	39.9	40.7	40.4	41.2	41.7
	6H	32.7	33.4	33.2	33.8	34.4	41.3	42.0	41.8	42.4	43.0
	8H	32.7	33.3	33.2	33.8	34.3	41.5	42.2	42.0	42.6	43.2

Maximum UGR = 43.3

POLAR GRAPH



Maximum Candela = 7588.58 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.)