

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM3K.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 22:16:47
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT3-24000LM3K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	24087
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	130
Total Luminaire Watts	185.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.52
Spacing Criterion (Diagonal)	1.50
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	141181	192007	230621
55	109068	205288	286669
65	52345	257921	404057
75	24950	100538	464878
85	19314	16570	166052

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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	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02
1	7016.43	7016.08	7012.45	7006.12	6998.12	6989.14	6979.77	6973.23	6970.41	6970.93
2	7031.53	7031.53	7026.15	7014.68	6997.93	6980.32	6961.94	6945.94	6939.11	6940.91
3	7043.09	7043.71	7036.37	7022.32	6998.87	6971.75	6939.65	6914.08	6902.48	6906.82
4	7050.44	7051.92	7045.42	7029.85	7001.62	6963.09	6915.66	6878.36	6861.76	6868.83
5	7055.74	7057.90	7053.33	7036.85	7002.05	6953.25	6890.43	6839.96	6818.17	6829.11
6	7059.14	7062.60	7058.75	7041.82	7002.10	6942.42	6863.24	6798.87	6770.51	6786.79
7	7060.25	7064.82	7064.03	7046.46	7003.58	6929.90	6834.48	6754.31	6718.93	6741.11
8	7059.17	7065.47	7066.20	7050.36	7003.80	6917.73	6803.77	6707.44	6665.93	6692.65
9	7053.65	7064.20	7068.99	7053.17	7004.00	6904.62	6772.04	6659.60	6609.55	6642.52
10	7045.20	7058.72	7070.16	7055.22	7003.11	6890.67	6737.66	6608.03	6550.73	6590.66
11	7031.59	7050.94	7070.16	7057.18	7002.27	6874.69	6702.26	6555.32	6488.39	6536.87
12	7012.80	7039.40	7067.56	7059.36	7002.25	6859.11	6664.95	6499.41	6423.52	6481.44
13	6987.74	7023.55	7063.29	7062.80	7001.65	6843.23	6627.16	6442.83	6356.34	6424.33
14	6957.24	7002.86	7057.40	7065.03	7002.92	6827.81	6588.27	6382.27	6284.73	6364.74
15	6921.17	6977.55	7049.23	7067.25	7002.89	6814.98	6548.17	6322.04	6213.25	6303.82
16	6880.20	6947.27	7038.02	7070.72	7001.57	6801.09	6506.59	6258.12	6139.31	6239.39
17	6834.08	6913.61	7025.75	7072.25	7000.06	6785.47	6465.89	6192.25	6063.15	6174.39
18	6784.60	6875.02	7008.34	7071.85	6997.62	6770.64	6425.18	6124.63	5986.58	6108.34
19	6729.42	6832.81	6989.22	7070.15	6994.84	6755.86	6385.13	6055.16	5906.56	6042.70
20	6670.91	6787.61	6966.92	7067.91	6991.97	6741.06	6345.16	5984.00	5826.29	5975.91
21	6608.57	6738.04	6942.93	7063.86	6989.18	6725.34	6304.46	5912.00	5744.97	5907.36
22	6540.74	6684.18	6913.77	7057.59	6986.54	6710.63	6263.40	5839.49	5663.82	5838.29
23	6468.75	6624.35	6882.67	7050.82	6983.72	6695.00	6222.05	5766.03	5579.67	5765.65
24	6393.92	6563.51	6850.05	7042.41	6979.93	6680.12	6180.97	5691.59	5493.87	5692.89
25	6313.49	6494.97	6815.09	7032.69	6975.35	6664.58	6139.31	5616.16	5408.74	5616.77
26	6228.51	6424.18	6778.80	7022.57	6970.86	6649.16	6099.57	5538.77	5322.07	5538.27
27	6141.73	6349.73	6740.77	7010.72	6966.65	6634.34	6058.85	5461.64	5235.37	5460.41
28	6051.24	6271.08	6700.54	6998.72	6961.91	6619.92	6018.15	5383.18	5146.07	5379.33
29	5956.39	6190.23	6656.77	6987.71	6955.99	6605.41	5978.84	5302.32	5056.78	5300.59
30	5859.01	6106.11	6612.22	6975.85	6948.89	6588.95	5938.48	5221.64	4964.72	5218.55
31	5758.71	6018.80	6566.57	6962.18	6942.26	6571.56	5899.16	5139.50	4872.02	5135.74
32	5655.12	5928.90	6518.50	6945.40	6935.65	6554.47	5859.08	5054.87	4780.29	5052.60
33	5550.05	5837.26	6469.59	6929.20	6926.80	6536.28	5817.94	4967.72	4682.09	4965.01
34	5442.31	5743.48	6415.75	6912.12	6917.14	6517.78	5775.78	4877.39	4581.20	4873.89
35	5331.93	5649.57	6362.07	6893.67	6907.94	6498.32	5733.81	4784.68	4478.75	4779.87
36	5223.30	5555.00	6304.46	6873.89	6901.03	6477.33	5690.62	4688.51	4366.80	4682.75
37	5114.63	5460.73	6247.19	6851.57	6893.59	6453.83	5647.29	4592.51	4251.69	4583.57
38	5003.36	5361.02	6185.62	6828.33	6888.68	6429.22	5601.84	4494.41	4134.91	4481.41
39	4888.70	5257.08	6119.14	6805.21	6885.68	6405.87	5555.59	4390.53	4019.20	4379.26
40	4777.88	5153.84	6053.68	6780.39	6886.76	6384.60	5508.48	4281.92	3894.73	4272.93
41	4666.25	5048.84	5986.57	6756.04	6889.73	6361.06	5462.23	4165.83	3767.00	4164.68
42	4550.19	4944.19	5917.26	6730.41	6885.02	6338.42	5414.58	4044.39	3634.62	4048.77
43	4431.67	4838.66	5848.31	6704.91	6871.99	6315.78	5366.36	3915.24	3501.30	3925.76
44	4313.69	4731.71	5776.38	6680.96	6859.77	6297.61	5316.13	3779.22	3371.44	3795.83
45	4194.65	4629.06	5704.73	6663.32	6852.00	6283.65	5264.30	3639.23	3245.54	3654.30
46	4076.03	4526.46	5626.38	6643.21	6849.26	6256.25	5212.40	3498.84	3123.96	3510.17
47	3956.45	4421.66	5548.91	6612.08	6849.04	6222.41	5158.84	3356.90	3005.33	3360.02
48	3835.56	4310.50	5468.23	6570.11	6848.40	6187.64	5103.01	3209.42	2885.99	3211.57
49	3709.02	4190.42	5389.00	6528.74	6850.53	6156.44	5046.37	3058.98	2756.54	3056.87
50	3576.67	4068.36	5311.93	6491.05	6856.12	6126.85	4989.38	2912.16	2619.29	2909.32
51	3422.04	3933.37	5233.41	6448.60	6862.78	6099.78	4931.60	2765.16	2481.16	2765.23
52	3241.74	3788.17	5157.01	6404.65	6872.20	6075.87	4866.68	2616.15	2344.69	2622.38
53	3042.82	3619.64	5082.16	6359.20	6882.77	6054.99	4797.00	2465.98	2225.63	2482.67

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CANDELA TABULATION - (Cont.)

54	2836.15	3417.27	5012.96	6309.64	6894.93	6036.43	4717.97	2322.49	2120.82	2348.52
55	2628.58	3188.13	4947.53	6259.25	6908.86	6018.66	4630.02	2189.69	2021.03	2221.79
56	2442.04	2936.64	4888.63	6203.56	6926.90	6002.72	4527.60	2071.73	1922.62	2101.17
57	2268.84	2673.53	4840.16	6148.44	6948.93	5988.41	4412.18	1963.15	1815.18	1984.40
58	2097.25	2415.24	4808.77	6089.82	6974.91	5978.85	4273.89	1855.15	1694.82	1866.17
59	1917.59	2173.78	4791.13	6033.75	7006.36	5977.12	4108.95	1738.77	1567.46	1737.27
60	1726.27	1939.50	4781.57	5979.82	7035.62	5985.20	3917.91	1610.78	1455.15	1602.67
61	1529.49	1716.43	4772.52	5930.40	7066.68	6003.75	3691.78	1475.15	1342.83	1468.34
62	1352.27	1512.68	4759.85	5886.32	7096.17	6029.17	3449.38	1353.79	1230.50	1350.78
63	1192.41	1331.52	4738.29	5844.13	7128.22	6058.80	3187.68	1232.46	1117.33	1233.22
64	1047.52	1169.08	4693.12	5801.59	7154.89	6099.98	2917.37	1116.36	1015.79	1114.82
65	929.52	1031.16	4580.03	5775.07	7175.05	6155.10	2628.94	1007.01	920.79	1004.86
66	828.82	909.67	4343.11	5763.72	7185.41	6219.20	2318.60	904.37	832.60	906.05
67	739.11	801.84	3926.22	5765.82	7176.48	6282.79	1995.96	812.76	747.30	818.60
68	652.24	706.57	3385.80	5775.45	7144.30	6333.41	1692.88	728.63	662.94	741.89
69	582.30	632.96	2846.93	5778.55	7077.93	6362.33	1492.74	644.25	590.43	663.00
70	512.79	559.90	2399.33	5786.10	6964.84	6366.01	1292.60	561.66	533.20	583.58
71	443.27	486.83	2064.54	5797.84	6778.56	6336.48	1093.59	496.21	480.52	516.21
72	392.88	433.70	1788.89	5789.39	6493.55	6269.77	929.93	442.56	431.33	464.53
73	343.88	388.31	1543.94	5773.89	6106.16	6156.97	772.96	390.32	389.57	414.82
74	304.95	342.33	1315.31	5763.97	5623.55	5973.47	619.68	343.22	356.06	366.57
75	271.33	301.37	1093.35	5802.79	5055.56	5690.60	458.49	304.37	326.20	323.41
76	243.98	266.10	866.90	5838.39	4440.41	5424.25	324.70	271.38	298.22	285.76
77	222.38	234.72	642.97	5760.91	3797.53	5065.40	253.70	241.51	266.27	253.07
78	201.75	207.10	495.77	5453.24	3125.27	4427.12	206.31	213.60	231.50	222.74
79	179.48	181.09	349.89	4795.39	2444.70	3602.24	176.58	184.69	203.78	193.21
80	161.64	155.44	204.01	3843.69	1858.68	2741.41	146.84	160.83	176.43	168.65
81	142.77	132.51	154.18	2905.30	1490.21	2002.52	117.25	136.97	149.09	144.10
82	124.33	111.17	123.76	2191.39	1122.32	1507.68	95.82	113.12	121.74	119.56
83	106.26	91.95	100.20	1661.25	916.65	1013.56	75.62	93.42	94.44	98.96
84	88.66	74.48	78.91	1253.42	771.48	709.16	57.72	64.47	62.99	71.86
85	70.73	59.04	60.68	909.70	608.10	475.63	40.36	43.26	31.53	48.10
86	53.37	43.62	43.72	638.10	419.59	313.52	27.42	22.05	0.38	24.33
87	36.01	28.19	26.77	436.86	218.74	234.95	14.48	1.28	0.24	1.05
88	18.65	15.08	14.04	236.28	23.01	156.37	1.86	0.60	0.24	0.39
89	5.20	10.30	9.86	35.69	12.17	77.79	0.83	0.56	0.25	0.28
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 : MPLSEL25HTT3-24000LM3K.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	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02	6996.02
1	6976.51	6983.78	6994.01	7001.39	7008.79	7014.60	7016.43
2	6954.32	6971.59	6991.88	7006.96	7018.45	7026.92	7031.53
3	6929.37	6959.49	6990.94	7012.54	7027.19	7037.27	7043.09
4	6901.35	6946.25	6989.44	7017.49	7035.57	7045.04	7050.44
5	6872.18	6932.75	6987.91	7021.02	7041.12	7050.98	7055.74
6	6842.10	6919.04	6987.88	7025.01	7044.96	7054.40	7059.14
7	6812.33	6905.38	6987.88	7028.54	7047.62	7056.40	7060.25
8	6780.55	6892.40	6987.88	7031.33	7048.91	7055.76	7059.17
9	6748.04	6880.55	6988.31	7033.07	7049.15	7053.21	7053.65
10	6715.69	6867.99	6988.53	7035.52	7048.07	7046.16	7045.20
11	6682.06	6855.35	6987.68	7036.39	7045.26	7036.39	7031.59
12	6647.21	6842.17	6986.59	7036.18	7040.88	7023.49	7012.80
13	6612.78	6827.75	6984.20	7035.76	7035.11	7004.70	6987.74
14	6577.88	6813.34	6981.01	7034.05	7026.18	6981.17	6957.24
15	6540.79	6799.25	6977.12	7030.08	7016.24	6954.44	6921.17
16	6502.46	6784.65	6973.63	7024.22	7003.01	6923.89	6880.20
17	6462.52	6770.08	6971.36	7018.83	6986.46	6889.56	6834.08
18	6421.67	6754.56	6968.96	7015.29	6965.76	6850.22	6784.60
19	6379.38	6739.32	6965.01	7011.64	6942.23	6808.98	6729.42
20	6338.22	6723.81	6959.38	7006.94	6916.03	6761.31	6670.91
21	6296.64	6706.71	6952.38	6999.74	6887.85	6711.76	6608.57
22	6255.63	6688.72	6945.16	6990.57	6856.43	6658.98	6540.74
23	6212.98	6670.00	6937.72	6979.58	6824.31	6602.15	6468.75
24	6170.27	6650.85	6929.97	6967.78	6791.43	6542.37	6393.92
25	6127.92	6630.39	6922.67	6956.30	6754.73	6474.84	6313.49
26	6085.19	6607.64	6915.26	6942.56	6718.50	6405.20	6228.51
27	6040.36	6585.46	6906.95	6929.23	6677.32	6329.47	6141.73
28	5994.60	6563.23	6899.27	6915.10	6634.34	6249.35	6051.24
29	5946.63	6540.63	6891.95	6898.31	6590.84	6167.89	5956.39
30	5897.65	6517.68	6884.27	6883.07	6545.45	6083.58	5859.01
31	5847.26	6493.10	6875.47	6867.66	6497.86	5996.93	5758.71
32	5795.26	6470.30	6867.72	6849.85	6447.82	5909.03	5655.12
33	5743.32	6448.66	6860.26	6831.78	6394.68	5817.57	5550.05
34	5691.38	6425.20	6850.57	6815.34	6339.85	5725.54	5442.31
35	5638.05	6400.92	6841.59	6797.98	6283.47	5632.34	5331.93
36	5586.91	6378.81	6832.70	6776.94	6225.11	5538.22	5223.30

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	5536.81	6354.13	6823.55	6756.94	6165.16	5443.58	5114.63
38	5485.05	6327.54	6812.81	6736.27	6101.41	5348.32	5003.36
39	5431.73	6303.23	6804.73	6713.88	6035.61	5250.53	4888.70
40	5378.01	6280.14	6798.50	6687.99	5970.55	5153.86	4777.88
41	5327.81	6257.04	6792.82	6664.78	5902.75	5054.56	4666.25
42	5274.93	6234.00	6788.90	6641.86	5833.06	4952.58	4550.19
43	5219.05	6211.82	6786.32	6616.73	5761.78	4852.67	4431.67
44	5164.91	6189.05	6782.43	6590.70	5689.92	4750.25	4313.69
45	5109.54	6163.66	6779.60	6566.20	5618.24	4647.74	4194.65
46	5050.17	6141.40	6777.82	6538.85	5540.69	4542.43	4076.03
47	4988.13	6120.84	6778.20	6509.27	5464.91	4435.68	3956.45
48	4925.14	6097.09	6779.49	6478.09	5389.16	4323.69	3835.56
49	4859.60	6073.45	6781.02	6442.18	5313.42	4204.09	3709.02
50	4794.11	6052.21	6784.88	6405.81	5238.49	4082.11	3576.67
51	4724.28	6032.00	6788.81	6367.12	5164.25	3944.13	3422.04
52	4649.13	6010.80	6795.74	6328.58	5091.97	3793.83	3241.74
53	4567.01	5990.29	6805.88	6290.48	5022.66	3624.26	3042.82
54	4477.24	5969.45	6818.05	6249.32	4956.01	3429.79	2836.15
55	4382.70	5949.28	6834.84	6205.72	4892.32	3209.11	2628.58
56	4272.06	5930.84	6854.23	6162.33	4833.37	2969.22	2442.04
57	4147.49	5913.02	6877.74	6117.32	4784.33	2716.27	2268.84
58	4007.82	5895.30	6905.50	6070.57	4743.33	2471.72	2097.25
59	3842.42	5879.30	6938.45	6020.51	4716.88	2249.58	1917.59
60	3656.42	5867.40	6977.04	5971.16	4704.21	2040.23	1726.27
61	3444.60	5860.58	7023.91	5923.59	4697.70	1831.71	1529.49
62	3213.27	5861.29	7074.19	5880.27	4691.04	1626.26	1352.27
63	2963.90	5873.09	7128.46	5842.91	4680.29	1428.33	1192.41
64	2698.59	5897.34	7190.50	5810.33	4656.65	1249.63	1047.52
65	2409.18	5935.38	7253.58	5785.64	4605.59	1091.67	929.52
66	2094.40	5996.36	7315.49	5773.15	4479.49	957.69	828.82
67	1777.91	6075.60	7372.05	5774.12	4220.47	839.59	739.11
68	1542.83	6171.14	7419.88	5789.23	3799.10	739.29	652.24
69	1307.74	6275.89	7450.37	5807.23	3242.94	652.50	582.30
70	1073.78	6388.02	7454.66	5831.32	2675.34	587.49	512.79
71	936.17	6510.32	7416.87	5861.17	2190.60	522.53	443.27
72	820.82	6626.87	7314.95	5896.38	1834.99	457.57	392.88
73	710.44	6691.36	7126.58	5915.99	1558.27	410.31	343.88
74	591.80	6669.01	6822.07	5901.39	1315.82	365.36	304.95
75	460.84	6556.84	6400.07	5843.97	1097.96	319.38	271.33
76	360.59	6327.05	5884.50	5806.04	880.83	281.44	243.98
77	284.65	6024.34	5289.92	5781.55	666.48	246.59	222.38
78	227.72	5618.98	4621.98	5704.52	516.50	215.23	201.75
79	187.43	4913.80	3885.13	5557.09	367.63	187.89	179.48
80	160.30	3963.98	3108.25	5156.10	218.76	162.30	161.64
81	133.18	3017.02	2324.91	4409.68	171.39	138.49	142.77
82	106.08	2206.50	1697.75	3508.00	140.75	116.87	124.33
83	85.62	1729.82	1210.89	2767.30	116.22	96.84	106.26
84	66.89	1253.14	908.12	2158.80	93.64	78.78	88.66
85	50.01	782.72	716.31	1650.39	73.12	61.96	70.73
86	34.40	522.75	539.06	1191.62	55.91	46.97	53.37
87	18.79	340.56	361.88	822.76	38.71	31.99	36.01
88	3.50	192.08	184.69	552.27	21.51	18.74	18.65
89	1.01	44.26	35.44	282.66	9.40	6.16	5.20
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 : MPLSEL25HTT3-24000LM3K.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 : MPLSEL25HTT3-24000LM3K.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 : MPLSEL25HTT3-24000LM3K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2579.34	N.A.	10.70
0-30	5548.47	N.A.	23.00
0-40	9268.27	N.A.	38.50
0-60	17423.31	N.A.	72.30
0-80	23581.23	N.A.	97.90
0-90	24087.09	N.A.	100.00
10-90	23424.47	N.A.	97.20
20-40	6688.93	N.A.	27.80
20-50	10791.9	N.A.	44.80
40-70	11741.38	N.A.	48.70
60-80	6157.92	N.A.	25.60
70-80	2571.58	N.A.	10.70
80-90	505.86	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	24087.09	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	662.61
10-20	1916.72
20-30	2969.14
30-40	3719.79
40-50	4102.97
50-60	4052.07
60-70	3586.34
70-80	2571.58
80-90	505.86
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 : MPLSEL25HTT3-24000LM3K.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	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

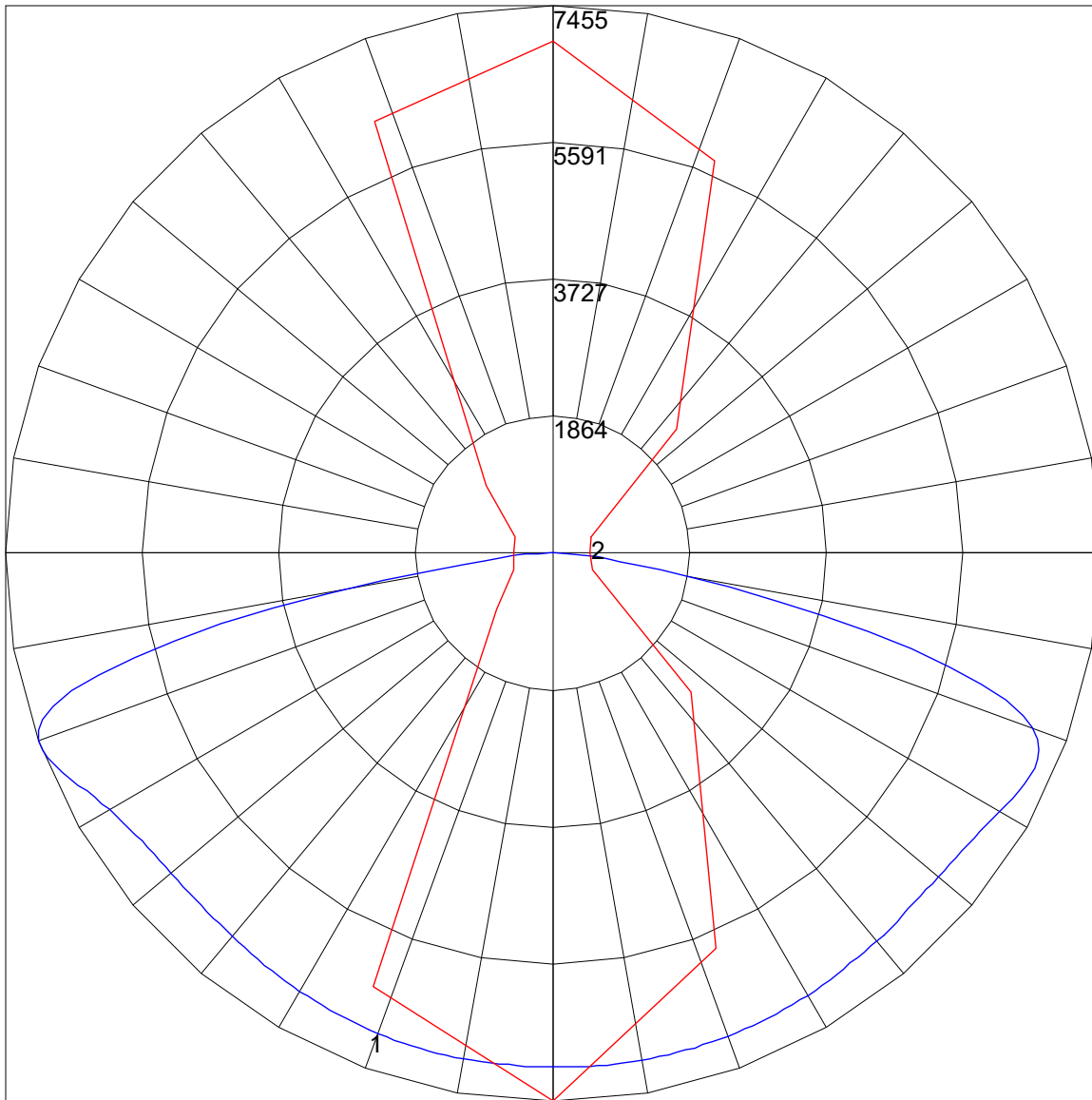
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3-24000LM3K.IES

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	26.7	28.4	27.0	28.7	29.0	33.1	34.9	33.5	35.2	35.5
	3H	27.0	28.6	27.4	28.9	29.2	37.0	38.6	37.4	38.9	39.3
	4H	27.0	28.5	27.4	28.9	29.2	38.5	40.0	38.9	40.4	40.7
	6H	27.1	28.4	27.5	28.8	29.2	39.3	40.6	39.7	41.0	41.4
	8H	27.1	28.4	27.5	28.8	29.2	39.3	40.7	39.8	41.0	41.4
	12H	27.0	28.3	27.5	28.7	29.1	39.3	40.6	39.8	41.0	41.4
4H	2H	29.9	31.4	30.3	31.7	32.1	33.5	35.0	33.9	35.3	35.7
	3H	30.2	31.5	30.6	31.9	32.3	37.6	38.8	38.0	39.2	39.6
	4H	30.2	31.4	30.7	31.8	32.2	39.6	40.7	40.0	41.1	41.6
	6H	30.3	31.3	30.7	31.7	32.2	40.6	41.6	41.1	42.1	42.5
	8H	30.3	31.2	30.7	31.6	32.1	40.8	41.7	41.2	42.1	42.6
	12H	30.2	31.1	30.7	31.6	32.0	40.8	41.7	41.3	42.1	42.6
8H	4H	31.9	32.8	32.3	33.3	33.7	39.6	40.5	40.1	41.0	41.4
	6H	31.9	32.6	32.3	33.1	33.6	40.8	41.6	41.3	42.1	42.6
	8H	31.8	32.5	32.3	33.1	33.5	41.0	41.7	41.5	42.2	42.7
	12H	31.8	32.5	32.3	33.0	33.5	41.1	41.8	41.6	42.2	42.8
12H	4H	32.7	33.6	33.2	34.1	34.5	39.6	40.4	40.1	40.9	41.4
	6H	32.7	33.4	33.3	33.9	34.4	40.8	41.5	41.3	42.0	42.5
	8H	32.7	33.4	33.2	33.8	34.4	41.0	41.6	41.5	42.1	42.7

Maximum UGR = 42.8

POLAR GRAPH



Maximum Candela = 7454.66 Located At Horizontal Angle = 270, Vertical Angle = 70
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (70) (Through Max. Cd.)