

## IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT5-14000LM3K.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] DG3221028-49929E-EE  
[TESTLAB] Bay Area Compliance Labs Corp.  
[TESTDATE] 2022-10-31  
[ISSUEDATE] 2022-10-31 21:52:30  
[LAMPPOSITION] 0,0  
[OTHER]  
[MANUFAC] BEGHELLI  
[LUMCAT] MPLSEL25HTT5-14000LM3K  
[LAMP] N/A

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	15049
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	149
Total Luminaire Watts	101.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.52
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.54
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	139446	125775	109542
55	141287	126376	114412
65	104240	111659	119372
75	32768	37092	56843
85	6971	7927	8105

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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	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49
1	4549.90	4540.17	4532.44	4524.73	4512.83	4505.10	4499.39	4498.89	4500.68	4505.96
2	4574.50	4559.18	4541.65	4523.45	4500.69	4484.14	4476.81	4474.11	4474.57	4487.13
3	4599.37	4576.55	4548.37	4518.88	4488.75	4464.69	4450.24	4446.75	4450.28	4468.16
4	4622.44	4594.00	4556.33	4518.20	4476.00	4444.36	4424.52	4421.20	4426.29	4450.26
5	4647.37	4613.29	4563.80	4512.39	4460.17	4422.65	4398.51	4393.10	4402.45	4431.19
6	4675.65	4629.73	4571.51	4508.16	4446.65	4401.88	4372.38	4366.37	4377.52	4410.85
7	4702.53	4644.78	4574.99	4503.45	4432.38	4380.70	4346.88	4340.56	4353.97	4392.65
8	4725.43	4662.40	4576.35	4495.58	4416.18	4358.56	4321.46	4314.11	4330.92	4374.42
9	4749.77	4676.90	4580.20	4487.21	4400.19	4334.95	4295.88	4287.45	4309.47	4356.10
10	4771.50	4690.74	4581.13	4478.78	4380.42	4312.79	4269.46	4261.25	4286.90	4337.68
11	4791.70	4703.70	4581.79	4468.77	4361.98	4292.58	4245.85	4237.84	4266.27	4318.97
12	4807.68	4715.25	4580.72	4460.65	4344.56	4270.83	4220.62	4213.64	4242.04	4301.32
13	4825.12	4722.25	4578.59	4448.09	4324.64	4247.79	4198.66	4187.76	4218.37	4281.25
14	4836.26	4729.51	4575.08	4434.87	4304.71	4224.36	4175.70	4163.52	4195.60	4262.39
15	4845.76	4734.92	4570.15	4418.00	4283.20	4200.27	4150.47	4138.91	4174.14	4244.52
16	4856.01	4738.33	4562.67	4403.92	4262.13	4176.62	4127.85	4114.82	4153.37	4224.45
17	4861.21	4740.50	4554.80	4388.05	4239.63	4152.19	4101.63	4090.95	4132.53	4205.60
18	4865.18	4742.48	4546.29	4368.92	4215.83	4127.24	4076.75	4066.74	4112.43	4188.80
19	4867.54	4738.66	4533.47	4348.23	4190.97	4102.24	4052.67	4044.69	4088.84	4171.27
20	4868.68	4736.42	4519.28	4329.15	4166.16	4073.47	4023.60	4019.01	4070.68	4152.67
21	4867.41	4730.36	4503.38	4305.00	4139.00	4044.25	3996.30	3991.63	4046.86	4132.99
22	4861.21	4719.12	4483.33	4281.36	4114.56	4015.66	3966.64	3968.82	4027.94	4114.93
23	4851.01	4704.37	4463.89	4256.81	4085.78	3985.25	3937.89	3942.78	4006.62	4095.15
24	4839.13	4688.28	4442.01	4227.88	4055.80	3954.79	3907.05	3915.34	3983.91	4073.36
25	4822.78	4670.17	4417.22	4199.42	4026.93	3925.61	3878.39	3889.32	3962.04	4052.10
26	4803.48	4651.02	4392.48	4169.76	3994.41	3893.09	3847.41	3862.44	3938.43	4030.21
27	4778.97	4631.03	4369.04	4139.85	3965.86	3860.40	3818.57	3833.85	3914.68	4006.20
28	4754.49	4607.53	4341.13	4109.75	3931.37	3828.41	3791.95	3804.36	3889.05	3981.95
29	4728.72	4581.98	4314.70	4079.62	3898.55	3795.79	3764.02	3777.26	3862.90	3953.76
30	4703.81	4558.10	4287.92	4047.10	3864.44	3762.89	3735.00	3749.63	3837.65	3927.77
31	4678.60	4534.82	4258.80	4012.99	3829.12	3730.36	3706.33	3726.55	3812.53	3902.62
32	4651.98	4509.83	4229.37	3979.58	3791.91	3698.41	3678.43	3699.05	3789.52	3875.83
33	4623.51	4479.76	4197.47	3940.77	3754.59	3664.40	3650.58	3675.45	3765.81	3849.48
34	4590.25	4453.69	4164.83	3905.42	3716.34	3631.20	3620.67	3648.09	3742.93	3823.40
35	4557.04	4421.66	4134.58	3869.53	3678.03	3596.25	3590.75	3624.78	3719.77	3798.22
36	4522.97	4390.11	4102.08	3831.70	3638.92	3563.60	3560.19	3598.97	3696.16	3773.02
37	4489.14	4354.33	4067.21	3794.19	3597.88	3527.38	3530.12	3571.87	3673.32	3747.65
38	4450.51	4315.58	4034.01	3754.39	3557.92	3489.98	3498.82	3545.62	3649.31	3723.74
39	4410.76	4276.05	3999.32	3715.13	3515.00	3452.66	3467.01	3518.67	3625.44	3700.28
40	4372.31	4236.72	3960.68	3674.15	3473.90	3415.77	3435.28	3491.35	3600.32	3675.89
41	4327.97	4196.12	3920.55	3632.71	3431.51	3378.16	3402.14	3464.54	3574.53	3652.73
42	4282.92	4153.37	3879.54	3591.38	3390.37	3339.95	3368.77	3435.78	3549.09	3628.04
43	4236.22	4108.72	3834.10	3549.93	3346.00	3301.05	3333.44	3409.81	3521.66	3602.18
44	4190.28	4062.48	3784.16	3503.89	3301.74	3261.50	3299.99	3380.00	3496.08	3576.33
45	4143.10	4015.18	3736.90	3460.31	3254.60	3219.50	3264.68	3349.68	3467.07	3550.33
46	4092.65	3962.94	3684.84	3413.66	3209.27	3177.04	3228.95	3319.03	3435.74	3523.57
47	4040.47	3910.80	3631.36	3365.60	3163.08	3133.86	3190.56	3286.44	3404.35	3494.80
48	3986.46	3855.71	3572.34	3315.79	3115.10	3089.95	3154.20	3254.99	3372.23	3466.23
49	3928.56	3798.24	3508.12	3261.64	3067.95	3044.49	3114.08	3220.62	3337.49	3435.49
50	3868.01	3736.24	3443.51	3207.85	3017.11	2997.31	3073.24	3183.95	3301.70	3404.14
51	3797.41	3673.12	3373.14	3149.08	2968.88	2950.46	3032.43	3146.22	3263.13	3370.43
52	3716.26	3601.64	3298.09	3088.45	2917.79	2902.30	2988.72	3111.24	3222.82	3335.51
53	3622.02	3519.77	3216.28	3023.11	2865.86	2853.41	2943.00	3074.43	3175.48	3299.90

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54	3518.85	3427.52	3133.62	2956.95	2812.05	2803.63	2895.49	3032.30	3121.12	3259.95
55	3405.08	3322.14	3045.71	2885.41	2757.39	2752.28	2842.25	2983.45	3056.42	3216.20
56	3283.16	3199.41	2952.28	2811.07	2699.78	2700.22	2787.19	2927.64	2988.10	3163.54
57	3162.39	3070.82	2858.10	2732.66	2643.05	2647.30	2729.07	2862.20	2916.53	3103.58
58	3036.35	2931.07	2759.33	2654.53	2582.95	2590.46	2664.88	2788.22	2847.85	3034.28
59	2907.35	2787.35	2657.86	2570.21	2522.96	2533.92	2596.00	2709.03	2785.83	2958.71
60	2773.07	2647.29	2552.45	2486.65	2462.42	2472.91	2521.80	2626.64	2734.52	2885.46
61	2625.91	2502.84	2442.22	2397.83	2397.81	2410.45	2440.35	2544.12	2689.37	2811.26
62	2456.34	2360.23	2330.24	2309.56	2333.13	2347.74	2348.67	2460.05	2652.21	2744.49
63	2267.78	2214.49	2216.03	2219.23	2262.90	2284.16	2253.48	2377.61	2616.30	2677.38
64	2063.05	2055.04	2097.09	2127.40	2194.56	2214.53	2148.09	2293.91	2575.42	2611.53
65	1851.04	1883.16	1982.79	2035.53	2119.74	2140.94	2037.61	2206.18	2518.02	2539.03
66	1655.98	1702.27	1873.64	1940.78	2029.58	2065.45	1925.07	2110.76	2437.53	2454.68
67	1476.07	1525.98	1761.90	1843.51	1927.44	1980.88	1822.17	2004.67	2333.04	2348.69
68	1319.31	1358.59	1642.36	1737.10	1810.49	1882.48	1726.28	1895.74	2206.13	2226.53
69	1176.95	1193.61	1496.64	1624.04	1674.85	1770.40	1648.70	1783.93	2060.16	2089.65
70	1033.28	1030.77	1317.23	1490.65	1503.46	1649.17	1583.88	1676.22	1898.05	1949.43
71	878.06	862.57	1092.53	1327.19	1332.07	1508.52	1532.92	1571.49	1719.58	1813.33
72	725.97	695.48	865.69	1132.63	1160.61	1350.45	1472.48	1444.43	1517.51	1675.28
73	602.63	576.06	665.65	916.52	936.25	1191.69	1319.15	1317.37	1315.44	1483.84
74	479.49	456.99	533.80	692.90	750.52	986.91	1165.81	1188.48	1112.86	1292.39
75	356.35	337.92	403.38	565.74	618.17	758.48	1012.28	991.40	891.23	1099.03
76	290.15	273.50	272.96	440.33	515.99	587.80	752.89	769.27	671.48	847.60
77	226.06	223.42	210.89	314.91	423.72	458.11	502.14	537.17	512.86	595.99
78	166.27	173.53	161.13	243.46	323.20	361.44	304.72	368.19	407.17	426.51
79	113.34	127.64	126.25	179.70	244.69	289.75	208.14	276.15	324.12	317.00
80	89.99	93.69	101.95	136.16	166.19	225.36	176.42	216.61	233.81	237.20
81	73.86	75.96	85.26	105.12	88.04	189.84	144.69	178.62	169.68	174.64
82	61.89	62.39	70.88	81.44	67.80	154.32	113.25	140.62	106.43	112.80
83	50.03	48.11	56.93	62.68	52.79	119.23	97.62	103.17	80.88	86.26
84	38.17	33.82	42.98	48.00	40.55	98.79	84.20	84.01	60.36	67.26
85	25.53	22.03	29.03	33.35	29.68	74.43	70.10	56.37	40.31	47.33
86	12.57	12.33	17.54	21.71	21.69	50.17	48.68	37.76	20.25	31.72
87	5.43	5.40	8.43	11.88	13.71	33.70	32.58	19.15	0.40	16.10
88	3.25	3.26	5.85	8.32	5.80	17.24	16.48	0.93	0.23	0.76
89	1.08	1.11	3.52	4.77	0.70	1.15	0.81	0.34	0.26	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 : MPLSEL25HTT5-14000LM3K.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	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49	4523.49
1	4512.62	4526.47	4532.68	4543.06	4548.64	4552.50	4549.90
2	4503.12	4523.83	4542.30	4561.92	4572.87	4578.68	4574.50
3	4492.93	4521.69	4553.14	4582.53	4601.42	4607.00	4599.37
4	4480.86	4522.30	4563.70	4601.71	4627.10	4635.67	4622.44
5	4470.88	4519.71	4574.66	4622.70	4653.88	4665.54	4647.37
6	4456.91	4517.51	4583.32	4640.52	4679.83	4691.97	4675.65
7	4443.53	4515.95	4590.86	4657.02	4702.12	4721.21	4702.53
8	4431.02	4508.32	4597.95	4672.29	4724.65	4745.40	4725.43
9	4418.53	4504.08	4603.55	4686.09	4743.17	4769.49	4749.77
10	4405.26	4499.69	4604.94	4694.21	4759.06	4793.62	4771.50
11	4391.30	4493.55	4610.44	4703.87	4772.87	4811.78	4791.70
12	4377.61	4486.95	4611.31	4708.23	4785.98	4827.28	4807.68
13	4362.15	4480.76	4609.18	4712.70	4793.25	4841.00	4825.12
14	4347.80	4474.75	4606.55	4715.62	4800.77	4853.63	4836.26
15	4334.39	4463.60	4603.32	4714.38	4807.70	4861.88	4845.76
16	4318.69	4456.41	4597.37	4710.35	4808.29	4868.41	4856.01
17	4303.69	4444.42	4589.39	4705.46	4809.17	4873.64	4861.21
18	4287.83	4432.56	4579.54	4697.81	4808.31	4876.07	4865.18
19	4271.01	4421.46	4568.65	4691.19	4803.64	4879.70	4867.54
20	4255.83	4409.03	4554.45	4679.04	4800.51	4877.02	4868.68
21	4239.45	4393.98	4540.68	4668.27	4793.41	4874.39	4867.41
22	4222.69	4378.35	4525.17	4655.07	4785.06	4871.33	4861.21
23	4205.67	4363.29	4507.36	4643.60	4772.46	4864.42	4851.01
24	4188.29	4345.49	4490.66	4625.70	4755.88	4852.77	4839.13
25	4168.17	4329.08	4469.00	4606.46	4739.27	4836.05	4822.78
26	4145.27	4308.55	4448.35	4584.10	4716.99	4820.51	4803.48
27	4122.95	4287.67	4427.05	4561.76	4695.39	4798.32	4778.97
28	4097.22	4264.84	4404.16	4534.68	4671.06	4775.71	4754.49
29	4072.15	4242.70	4381.27	4506.75	4649.15	4751.29	4728.72
30	4047.21	4218.11	4355.57	4478.78	4623.50	4724.23	4703.81
31	4022.63	4191.12	4331.79	4450.56	4600.05	4698.84	4678.60
32	3997.56	4164.02	4303.77	4418.10	4572.68	4672.64	4651.98
33	3971.65	4136.97	4275.24	4385.16	4545.50	4644.44	4623.51
34	3947.36	4110.55	4243.80	4351.25	4515.75	4612.53	4590.25
35	3919.05	4083.25	4209.57	4316.20	4485.17	4581.14	4557.04
36	3893.49	4053.24	4173.45	4280.29	4451.96	4546.53	4522.97

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MPLSEL25HTT5-14000LM3K.IES**

**CANDELA TABULATION - (Cont.)**

37	3866.64	4021.23	4135.40	4243.73	4419.99	4512.70	4489.14
38	3839.72	3987.31	4100.12	4206.72	4386.39	4476.55	4450.51
39	3815.28	3953.80	4061.50	4169.59	4349.69	4438.85	4410.76
40	3789.36	3920.37	4022.19	4129.64	4312.22	4398.65	4372.31
41	3759.42	3886.10	3980.87	4090.53	4273.94	4355.46	4327.97
42	3727.90	3850.17	3940.35	4051.43	4233.58	4309.88	4282.92
43	3696.42	3814.66	3899.94	4008.20	4189.64	4266.18	4236.22
44	3665.20	3778.01	3855.23	3961.97	4144.22	4217.49	4190.28
45	3634.85	3740.41	3813.42	3916.72	4098.65	4167.18	4143.10
46	3604.46	3702.29	3768.15	3869.20	4046.86	4116.34	4092.65
47	3572.54	3661.29	3723.45	3820.99	3995.59	4058.35	4040.47
48	3540.50	3621.80	3677.08	3766.36	3939.04	4001.29	3986.46
49	3507.39	3579.08	3629.54	3713.49	3880.82	3941.53	3928.56
50	3472.29	3535.63	3582.16	3658.27	3816.99	3879.82	3868.01
51	3437.49	3488.88	3530.69	3598.35	3751.29	3811.34	3797.41
52	3400.32	3443.10	3477.88	3538.88	3682.40	3738.05	3716.26
53	3364.00	3394.27	3423.60	3474.87	3608.76	3657.41	3622.02
54	3324.75	3344.18	3367.55	3408.40	3532.22	3568.95	3518.85
55	3282.66	3292.30	3310.29	3340.43	3449.58	3467.73	3405.08
56	3239.56	3239.02	3251.21	3272.23	3362.95	3353.24	3283.16
57	3192.32	3186.10	3191.40	3202.37	3272.57	3230.64	3162.39
58	3138.88	3130.53	3130.16	3129.48	3176.69	3100.39	3036.35
59	3084.91	3073.38	3064.73	3053.42	3077.65	2966.34	2907.35
60	3024.27	3015.66	2998.37	2974.61	2973.12	2831.42	2773.07
61	2956.77	2951.95	2927.56	2889.67	2863.96	2697.98	2625.91
62	2875.32	2885.20	2859.31	2799.80	2747.26	2568.68	2456.34
63	2779.65	2814.64	2794.07	2706.04	2629.50	2436.04	2267.78
64	2670.62	2738.84	2724.88	2606.95	2505.33	2293.73	2063.05
65	2548.63	2657.59	2656.56	2509.04	2379.14	2139.28	1851.04
66	2419.19	2574.09	2586.38	2410.96	2256.34	1976.28	1655.98
67	2288.92	2488.64	2506.39	2309.67	2141.29	1811.72	1476.07
68	2164.63	2391.03	2418.60	2201.95	2039.05	1651.02	1319.31
69	2051.23	2282.09	2320.60	2088.40	1934.82	1486.52	1176.95
70	1954.20	2163.92	2209.35	1975.35	1819.99	1318.80	1033.28
71	1867.67	2039.33	2079.27	1853.88	1672.56	1136.55	878.06
72	1784.70	1909.49	1933.97	1727.24	1482.95	946.50	725.97
73	1694.53	1768.08	1766.13	1583.44	1253.67	762.96	602.63
74	1569.35	1609.32	1544.98	1407.69	988.35	613.58	479.49
75	1354.20	1379.01	1278.42	1179.03	729.40	481.96	356.35
76	1138.33	1148.71	1013.68	904.86	571.65	350.74	290.15
77	853.41	916.94	820.20	652.09	414.82	277.99	226.06
78	563.70	626.99	677.14	522.59	258.00	219.04	166.27
79	334.60	460.25	506.50	394.85	196.69	165.46	113.34
80	216.19	329.33	335.46	267.10	154.42	116.45	89.99
81	165.13	255.63	164.42	180.25	116.89	89.19	73.86
82	114.56	181.94	96.32	124.88	87.55	70.81	61.89
83	84.69	109.61	77.14	88.27	68.72	56.12	50.03
84	65.31	83.92	61.70	65.81	54.49	41.45	38.17
85	53.04	64.96	46.32	49.72	40.32	26.78	25.53
86	39.79	48.08	30.93	33.80	26.14	14.92	12.57
87	26.77	33.19	21.17	17.88	13.68	7.07	5.43
88	13.75	18.30	11.90	8.92	9.45	4.08	3.25
89	1.06	3.73	8.18	6.20	5.23	1.09	1.08
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 : MPLSEL25HTT5-14000LM3K.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 : MPLSEL25HTT5-14000LM3K.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 : MPLSEL25HTT5-14000LM3K.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	1696.03	N.A.	11.30
0-30	3685.92	N.A.	24.50
0-40	6215.37	N.A.	41.30
0-60	11857.02	N.A.	78.80
0-80	14985.7	N.A.	99.60
0-90	15048.71	N.A.	100.00
10-90	14617.47	N.A.	97.10
20-40	4519.35	N.A.	30.00
20-50	7357.57	N.A.	48.90
40-70	7861.14	N.A.	52.20
60-80	3128.67	N.A.	20.80
70-80	909.18	N.A.	6.00
80-90	63.01	N.A.	0.40
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	15048.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	431.24
10-20	1264.79
20-30	1989.89
30-40	2529.45
40-50	2838.22
50-60	2803.43
60-70	2219.49
70-80	909.18
80-90	63.01
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 : MPLSEL25HTT5-14000LM3K.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	109	104	100	96	106	102	98	95	98	95	92	94	91	89	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	52	46	73	61	52	45	58	51	45	56	50	44	55	49	44	42
6	69	55	46	39	67	54	46	39	52	45	39	51	44	39	49	43	38	36
7	64	50	41	35	62	49	40	34	47	40	34	46	39	34	45	38	34	32
8	59	45	37	31	58	45	36	30	43	36	30	42	35	30	41	35	30	28
9	55	41	33	27	54	41	33	27	40	32	27	39	32	27	37	31	27	25
10	52	38	30	25	50	38	30	25	37	29	24	36	29	24	35	29	24	22

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MPLSEL25HTT5-14000LM3K.IES**

**UGR TABLE - CORRECTED**

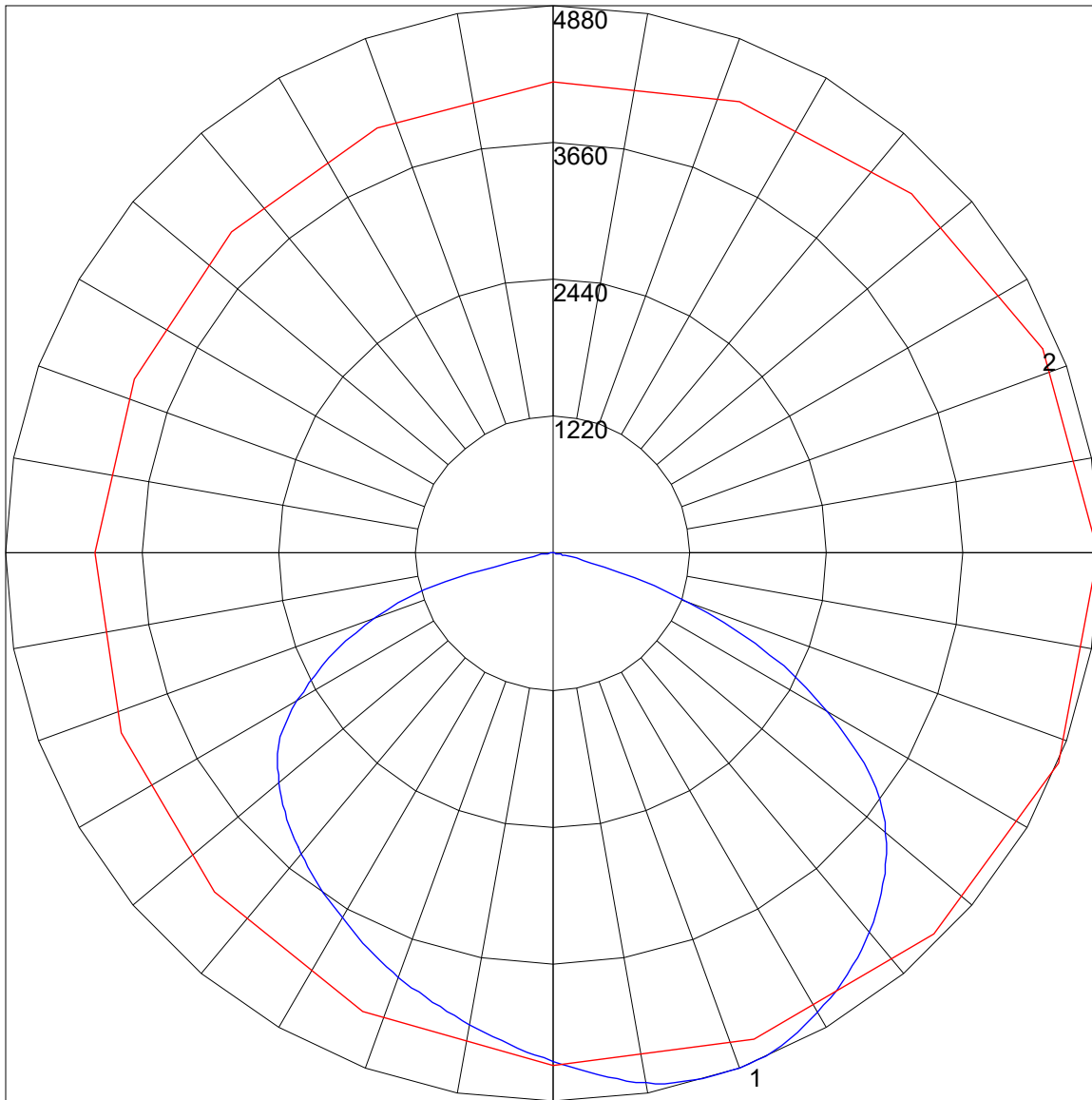
Reflectances

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	29.9	31.6	30.3	31.9	32.2	28.9	30.6	29.2	30.9	31.2
	3H	30.9	32.4	31.2	32.7	33.1	30.9	32.4	31.2	32.7	33.1
	4H	30.9	32.4	31.3	32.7	33.1	31.1	32.6	31.5	32.9	33.3
	6H	30.9	32.2	31.3	32.6	33.0	31.2	32.5	31.6	32.9	33.3
	8H	30.9	32.2	31.3	32.5	32.9	31.2	32.4	31.6	32.8	33.2
	12H	30.9	32.1	31.3	32.5	32.9	31.1	32.3	31.6	32.7	33.2
4H	2H	30.5	31.9	30.9	32.3	32.7	29.6	31.0	30.0	31.3	31.7
	3H	31.6	32.8	32.0	33.2	33.6	31.7	32.9	32.1	33.3	33.7
	4H	31.7	32.8	32.2	33.2	33.6	32.0	33.1	32.4	33.5	33.9
	6H	31.7	32.7	32.2	33.1	33.6	32.1	33.0	32.5	33.5	33.9
	8H	31.7	32.6	32.2	33.0	33.5	32.1	32.9	32.5	33.4	33.8
	12H	31.7	32.5	32.1	32.9	33.4	32.0	32.8	32.5	33.3	33.8
8H	4H	31.9	32.7	32.3	33.2	33.6	32.1	33.0	32.6	33.4	33.9
	6H	31.8	32.6	32.3	33.0	33.5	32.2	32.9	32.7	33.4	33.9
	8H	31.8	32.5	32.3	33.0	33.4	32.2	32.8	32.7	33.3	33.8
	12H	31.8	32.4	32.3	32.9	33.4	32.2	32.7	32.7	33.2	33.8
12H	4H	31.8	32.6	32.3	33.1	33.6	32.1	32.9	32.6	33.4	33.8
	6H	31.8	32.5	32.3	32.9	33.5	32.2	32.8	32.7	33.3	33.8
	8H	31.8	32.4	32.3	32.9	33.4	32.2	32.7	32.7	33.2	33.8

Maximum UGR = 33.9

POLAR GRAPH



Maximum Candela = 4879.7 Located At Horizontal Angle = 337.5, Vertical Angle = 19  
# 1 - Vertical Plane Through Horizontal Angles (337.5 - 157.5) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (19) (Through Max. Cd.)