

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-14000LM3K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49932E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-11-01
[ISSUEDATE] 2022-12-01 19:53:13
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT3HV-14000LM3K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	13690
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	98.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.24
Spacing Criterion (90-270)	1.60
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	78761	110696	137587
55	58104	119675	173781
65	26831	108956	234296
75	14096	18367	225998
85	10112	8211	60960

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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	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06
1	3972.30	3973.14	3971.15	3968.23	3963.82	3959.65	3955.49	3950.88	3949.08	3950.20
2	3980.23	3981.68	3978.84	3974.60	3965.99	3957.01	3947.15	3937.99	3933.36	3934.85
3	3986.41	3988.93	3985.21	3979.64	3967.91	3953.62	3937.17	3922.49	3914.74	3917.08
4	3992.38	3994.72	3990.75	3985.58	3970.34	3950.29	3926.30	3904.95	3893.41	3897.51
5	3996.57	3999.54	3996.83	3990.19	3972.92	3947.08	3914.68	3884.77	3870.22	3875.63
6	3999.24	4003.71	4002.09	3995.20	3975.37	3943.98	3901.70	3863.37	3845.06	3853.41
7	4000.74	4006.91	4006.97	4000.29	3978.55	3940.11	3887.79	3840.11	3817.33	3828.65
8	4001.00	4008.70	4011.16	4005.98	3980.97	3935.55	3874.20	3816.12	3789.18	3802.68
9	3998.50	4008.95	4014.78	4009.53	3983.75	3931.26	3858.80	3789.58	3757.10	3775.50
10	3993.69	4006.81	4017.69	4013.82	3986.77	3926.54	3841.83	3762.33	3724.70	3747.41
11	3985.96	4002.51	4020.07	4018.57	3990.24	3922.38	3824.64	3733.83	3690.56	3718.49
12	3975.90	3996.32	4020.94	4023.72	3993.06	3916.93	3807.37	3704.37	3655.43	3688.82
13	3961.52	3987.17	4020.09	4027.13	3995.40	3911.62	3788.88	3674.02	3619.04	3658.36
14	3945.19	3976.60	4018.40	4030.82	3998.70	3905.92	3769.94	3642.53	3582.16	3626.68
15	3925.65	3962.92	4016.86	4035.20	4001.93	3901.57	3750.17	3610.43	3541.81	3593.68
16	3903.52	3947.03	4012.99	4039.03	4004.05	3896.72	3730.05	3576.47	3500.19	3557.94
17	3878.95	3928.45	4007.66	4042.69	4006.02	3890.98	3709.38	3540.72	3456.28	3522.10
18	3852.96	3908.37	4000.78	4044.66	4007.77	3885.53	3690.00	3504.67	3412.60	3486.30
19	3823.51	3886.54	3993.37	4047.07	4009.69	3880.65	3670.20	3466.05	3365.59	3448.76
20	3791.22	3863.20	3984.34	4049.38	4011.23	3875.83	3651.13	3426.56	3317.57	3410.80
21	3756.73	3837.63	3974.35	4050.50	4013.14	3870.93	3630.90	3386.24	3268.99	3370.81
22	3719.36	3808.19	3962.59	4051.58	4015.11	3865.67	3609.84	3345.12	3220.08	3329.80
23	3678.43	3776.60	3949.88	4051.40	4016.62	3860.72	3589.81	3303.49	3169.54	3287.45
24	3636.78	3743.58	3935.75	4050.75	4018.61	3855.94	3569.07	3260.62	3118.30	3244.04
25	3590.31	3707.56	3920.89	4049.90	4020.99	3852.04	3548.25	3217.23	3066.68	3199.98
26	3543.19	3670.61	3905.53	4047.97	4023.34	3848.62	3528.18	3173.18	3014.00	3153.70
27	3493.67	3632.27	3889.26	4046.23	4025.74	3845.13	3508.47	3128.85	2961.72	3107.98
28	3440.32	3590.39	3872.09	4044.95	4028.10	3842.13	3488.39	3082.98	2907.82	3060.20
29	3384.61	3545.42	3853.28	4044.92	4030.72	3838.65	3468.49	3036.65	2853.33	3012.47
30	3326.11	3498.72	3832.22	4045.34	4033.59	3836.02	3449.52	2989.26	2799.35	2965.10
31	3265.36	3449.80	3808.62	4046.82	4037.19	3833.27	3432.98	2941.21	2745.82	2917.08
32	3203.79	3399.48	3783.07	4047.07	4040.49	3831.57	3413.86	2891.39	2691.67	2868.36
33	3138.81	3346.00	3756.09	4043.66	4044.39	3832.44	3393.65	2839.40	2637.40	2817.24
34	3072.56	3290.42	3725.66	4038.14	4050.68	3833.93	3371.35	2786.84	2581.45	2764.82
35	3006.33	3233.96	3693.19	4030.87	4059.60	3833.15	3349.11	2733.56	2524.68	2710.81
36	2938.07	3174.95	3658.49	4021.44	4072.88	3828.76	3324.36	2678.09	2464.45	2656.18
37	2870.50	3114.22	3623.32	4008.83	4092.45	3820.07	3300.14	2623.55	2402.98	2600.66
38	2804.71	3050.71	3585.17	3994.22	4118.24	3809.99	3275.18	2566.68	2342.42	2544.36
39	2739.37	2985.62	3545.25	3979.41	4140.93	3801.20	3249.85	2508.57	2281.07	2487.47
40	2673.61	2921.08	3504.55	3966.49	4144.72	3799.24	3224.24	2446.04	2216.00	2428.62
41	2605.34	2856.74	3461.80	3958.20	4120.99	3814.64	3200.24	2380.98	2149.45	2370.01
42	2538.92	2792.70	3420.24	3960.74	4093.20	3840.21	3176.81	2311.84	2079.47	2305.78
43	2471.20	2729.10	3377.18	3971.24	4081.53	3838.27	3153.75	2237.66	2009.77	2238.05
44	2405.76	2664.10	3333.61	3960.54	4081.65	3808.48	3129.64	2160.19	1940.82	2165.94
45	2340.08	2601.62	3288.91	3925.25	4087.87	3778.88	3100.71	2079.97	1872.61	2086.80
46	2274.46	2534.97	3239.77	3885.98	4094.71	3764.95	3067.48	1999.21	1807.18	2004.55
47	2209.23	2466.57	3191.20	3855.79	4101.69	3758.59	3033.47	1916.89	1743.28	1920.78
48	2139.25	2394.20	3141.14	3828.76	4109.36	3753.60	2998.12	1832.08	1678.05	1838.59
49	2062.65	2315.85	3090.77	3802.69	4119.52	3750.96	2963.91	1746.79	1608.25	1756.18
50	1974.87	2233.58	3044.38	3777.07	4129.13	3748.42	2929.96	1663.65	1534.22	1674.56
51	1869.45	2141.28	2999.76	3746.83	4140.33	3747.13	2896.01	1583.54	1459.53	1596.27
52	1755.23	2031.61	2960.12	3713.73	4152.82	3746.72	2861.46	1501.02	1387.09	1516.95
53	1636.50	1901.04	2925.16	3677.82	4163.68	3747.58	2824.52	1419.37	1331.46	1439.05

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54	1516.72	1754.80	2899.46	3642.65	4174.86	3747.84	2783.54	1348.54	1275.84	1372.04
55	1400.33	1594.72	2884.23	3604.98	4188.21	3749.35	2737.84	1277.71	1220.21	1305.03
56	1288.55	1431.76	2882.48	3567.88	4202.45	3752.48	2682.93	1207.06	1164.44	1238.04
57	1177.34	1278.78	2892.64	3531.58	4217.04	3757.75	2620.01	1143.42	1101.32	1172.10
58	1064.24	1140.94	2909.92	3495.02	4231.68	3764.32	2542.78	1078.50	1030.07	1105.56
59	951.11	1019.00	2927.26	3456.61	4244.27	3773.90	2451.36	1008.76	952.15	1030.62
60	844.80	914.23	2929.06	3421.33	4250.06	3786.48	2345.55	934.36	878.62	948.89
61	752.33	818.90	2891.48	3386.95	4247.07	3799.69	2228.06	857.01	810.10	865.03
62	672.79	727.70	2777.23	3359.75	4240.18	3813.69	2107.00	781.29	740.21	783.54
63	607.10	646.81	2560.41	3337.86	4227.16	3824.45	1979.03	712.25	671.05	708.86
64	541.77	580.64	2272.90	3318.23	4201.24	3830.10	1848.47	642.83	606.25	634.17
65	476.45	514.72	1934.78	3301.73	4160.52	3832.38	1705.09	574.59	548.20	564.87
66	424.82	448.81	1597.33	3289.26	4104.19	3824.63	1544.28	511.56	497.77	502.31
67	376.30	395.55	1285.24	3281.59	4031.65	3804.84	1360.85	453.70	449.81	449.08
68	329.56	349.03	1033.41	3276.43	3938.69	3768.04	1177.47	406.34	402.56	403.12
69	287.45	311.14	845.85	3284.38	3824.56	3717.21	995.84	364.30	357.32	360.82
70	256.60	281.69	698.05	3316.22	3686.57	3654.16	843.51	321.51	321.05	317.70
71	230.28	252.60	587.57	3377.36	3523.78	3584.53	707.64	277.75	290.51	277.60
72	205.42	225.34	477.78	3459.70	3323.21	3498.13	578.16	243.26	263.04	249.42
73	183.85	199.86	368.00	3554.05	3082.12	3355.25	454.78	216.96	239.03	226.01
74	167.56	174.43	264.82	3614.69	2787.28	3175.24	346.58	191.19	217.99	202.54
75	153.29	155.06	199.74	3553.99	2457.73	2987.97	246.94	169.58	198.95	181.32
76	140.79	138.65	164.65	3267.89	2089.66	2670.81	204.21	152.10	182.39	162.49
77	129.02	123.70	141.17	2779.27	1706.89	2227.90	161.49	134.63	166.56	143.67
78	117.04	109.59	122.60	2176.52	1398.61	1826.21	119.13	117.20	150.04	124.89
79	103.25	95.93	105.28	1601.95	1091.47	1424.52	99.53	102.74	133.53	108.98
80	92.04	82.19	88.72	1119.76	842.74	1023.27	83.08	88.59	117.03	93.45
81	80.65	70.21	74.50	763.84	656.98	766.99	69.51	76.75	101.27	80.86
82	69.68	59.78	62.26	609.15	509.58	535.38	57.16	65.43	84.93	69.40
83	58.80	49.36	51.00	454.90	392.99	352.98	45.24	54.05	68.82	57.95
84	47.91	38.93	39.76	300.65	302.49	267.93	34.44	40.61	45.92	45.69
85	37.03	29.77	30.07	206.24	223.24	182.88	24.30	27.17	23.01	30.50
86	26.88	21.32	21.34	141.05	143.99	98.06	14.16	13.74	0.27	15.32
87	16.57	13.03	13.24	80.98	65.73	65.58	4.18	0.58	0.12	0.49
88	8.03	5.81	6.28	42.26	33.19	33.10	0.83	0.28	0.13	0.17
89	5.38	3.07	3.62	3.79	1.01	0.79	0.46	0.27	0.13	0.15
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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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-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. 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	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06	3962.06
1	3951.10	3956.16	3960.35	3964.41	3968.06	3970.84	3972.30
2	3940.14	3950.05	3958.81	3967.24	3973.98	3977.44	3980.23
3	3927.25	3944.14	3958.38	3970.23	3977.80	3982.97	3986.41
4	3913.94	3938.16	3957.95	3972.79	3982.21	3987.88	3992.38
5	3899.39	3931.32	3957.94	3975.20	3986.11	3992.05	3996.57
6	3883.37	3925.39	3958.37	3977.40	3988.66	3994.93	3999.24
7	3867.61	3919.44	3959.21	3980.03	3991.09	3996.50	4000.74
8	3851.70	3914.00	3959.88	3981.73	3993.01	3997.56	4001.00
9	3835.25	3908.68	3961.83	3984.57	3993.91	3997.36	3998.50
10	3818.16	3903.54	3963.55	3986.72	3995.20	3994.79	3993.69
11	3800.97	3898.10	3965.28	3988.67	3995.42	3989.62	3985.96
12	3784.19	3892.45	3967.21	3990.81	3994.36	3982.54	3975.90
13	3766.65	3886.74	3968.53	3992.74	3992.88	3971.35	3961.52
14	3748.65	3881.48	3970.28	3994.07	3989.87	3958.47	3945.19
15	3730.67	3876.71	3971.57	3994.74	3985.92	3943.16	3925.65
16	3712.24	3871.45	3973.30	3995.60	3979.28	3925.21	3903.52
17	3692.76	3866.17	3975.65	3997.31	3972.62	3905.45	3878.95
18	3673.80	3861.79	3977.18	3999.26	3963.58	3883.22	3852.96
19	3653.88	3856.29	3978.71	4001.01	3953.72	3859.57	3823.51
20	3633.50	3851.02	3978.93	4001.67	3943.51	3833.70	3791.22
21	3612.05	3844.86	3978.08	4002.10	3933.15	3807.39	3756.73
22	3590.82	3839.39	3977.64	4000.81	3921.19	3778.56	3719.36
23	3570.04	3832.73	3977.64	3999.97	3908.65	3747.45	3678.43
24	3548.65	3825.33	3977.21	3998.65	3895.75	3713.86	3636.78
25	3527.42	3818.17	3976.78	3996.74	3881.91	3678.25	3590.31
26	3505.69	3810.92	3978.04	3994.79	3867.13	3642.68	3543.19
27	3483.40	3803.09	3978.28	3993.03	3851.26	3604.12	3493.67
28	3460.03	3795.63	3979.14	3990.26	3834.74	3564.67	3440.32
29	3435.21	3789.32	3980.00	3988.73	3817.36	3522.79	3384.61
30	3410.80	3782.08	3980.65	3987.84	3798.79	3479.42	3326.11
31	3384.94	3774.70	3981.96	3985.87	3778.57	3434.85	3265.36
32	3358.09	3768.79	3984.28	3985.03	3756.54	3388.64	3203.79
33	3331.17	3762.12	3986.06	3984.15	3733.15	3339.89	3138.81
34	3303.36	3754.54	3987.14	3981.38	3707.48	3290.14	3072.56
35	3274.50	3746.48	3988.64	3975.22	3680.59	3239.40	3006.33
36	3246.64	3739.17	3991.40	3968.73	3651.14	3186.05	2938.07

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-14000LM3K.IES

CANDELA TABULATION - (Cont.)

37	3218.12	3730.06	3994.46	3963.28	3617.89	3130.14	2870.50
38	3188.98	3719.99	3998.36	3955.90	3583.52	3073.22	2804.71
39	3158.25	3709.97	4004.58	3944.98	3547.71	3015.17	2739.37
40	3129.57	3699.57	4012.84	3934.28	3510.74	2955.77	2673.61
41	3100.75	3689.37	4023.46	3924.25	3469.85	2893.87	2605.34
42	3070.09	3679.31	4030.37	3913.25	3427.76	2830.85	2538.92
43	3037.84	3671.97	4029.16	3901.99	3384.49	2766.33	2471.20
44	3007.28	3668.75	4023.21	3894.47	3338.14	2702.40	2405.76
45	2975.41	3666.60	4021.15	3890.65	3290.96	2638.20	2340.08
46	2941.69	3657.02	4023.24	3875.93	3243.31	2572.18	2274.46
47	2906.31	3642.41	4027.54	3852.77	3198.05	2506.50	2209.23
48	2870.72	3628.75	4033.36	3828.60	3151.87	2436.91	2139.25
49	2834.29	3619.17	4040.30	3804.87	3105.59	2360.30	2062.65
50	2796.28	3612.39	4046.52	3782.36	3060.49	2279.70	1974.87
51	2755.86	3606.47	4051.52	3760.42	3013.89	2190.59	1869.45
52	2710.22	3600.11	4059.10	3736.89	2967.73	2091.66	1755.23
53	2660.26	3594.92	4067.70	3709.74	2925.77	1975.29	1636.50
54	2603.68	3589.00	4076.45	3681.24	2888.99	1845.37	1516.72
55	2543.68	3583.49	4086.05	3650.84	2858.92	1703.98	1400.33
56	2477.38	3578.51	4097.00	3617.99	2839.38	1552.81	1288.55
57	2402.58	3575.96	4109.22	3581.62	2829.66	1406.45	1177.34
58	2314.07	3575.13	4124.66	3541.95	2829.91	1265.90	1064.24
59	2211.99	3576.56	4141.52	3500.75	2841.35	1128.96	951.11
60	2097.25	3582.06	4160.04	3460.04	2858.72	997.63	844.80
61	1969.90	3591.43	4180.03	3419.76	2873.16	871.46	752.33
62	1836.99	3604.56	4201.68	3380.02	2873.21	759.95	672.79
63	1697.77	3622.42	4222.93	3342.32	2842.50	665.18	607.10
64	1552.45	3644.16	4243.46	3309.01	2752.49	599.14	541.77
65	1396.09	3670.36	4261.69	3280.77	2562.43	533.53	476.45
66	1239.74	3700.69	4275.34	3254.76	2284.25	467.91	424.82
67	1083.34	3733.14	4285.61	3235.58	1940.36	419.04	376.30
68	912.00	3764.66	4283.78	3221.52	1595.51	373.47	329.56
69	760.23	3793.35	4265.66	3218.41	1301.20	331.66	287.45
70	638.62	3816.87	4225.36	3224.77	1078.96	297.70	256.60
71	547.23	3834.53	4155.93	3241.67	904.86	267.59	230.28
72	476.09	3834.56	4050.98	3273.10	756.13	237.98	205.42
73	411.97	3801.69	3901.04	3320.05	626.64	210.98	183.85
74	345.01	3726.40	3699.00	3394.39	511.10	185.44	167.56
75	273.19	3591.90	3443.76	3486.39	395.98	163.65	153.29
76	210.61	3414.44	3141.71	3526.35	286.76	145.84	140.79
77	175.79	3228.26	2791.54	3480.27	204.17	129.73	129.02
78	140.97	2954.20	2404.43	3300.03	156.16	114.54	117.04
79	106.54	2510.19	1983.30	2962.26	128.96	100.83	103.25
80	89.70	1954.61	1576.25	2472.67	108.44	87.69	92.04
81	75.74	1471.71	1229.39	1895.59	91.03	74.12	80.65
82	63.49	992.81	933.46	1371.75	76.72	62.52	69.68
83	51.66	651.58	696.07	988.18	63.79	52.10	58.80
84	40.60	417.69	547.30	711.50	52.58	41.69	47.91
85	30.82	262.12	400.66	548.36	41.41	32.92	37.03
86	21.35	176.84	254.01	385.70	30.24	24.34	26.88
87	11.88	92.86	167.51	223.04	20.91	16.14	16.57
88	2.43	61.90	81.13	130.38	12.40	8.58	8.03
89	0.49	30.93	42.26	51.74	5.41	5.86	5.38
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-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 : MPLSEL25HTT3HV-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 : MPLSEL25HTT3HV-14000LM3K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1468.5	N.A.	10.70
0-30	3172.56	N.A.	23.20
0-40	5328.82	N.A.	38.90
0-60	10096.23	N.A.	73.70
0-80	13485.58	N.A.	98.50
0-90	13690.14	N.A.	100.00
10-90	13314.15	N.A.	97.30
20-40	3860.32	N.A.	28.20
20-50	6255.31	N.A.	45.70
40-70	6811.49	N.A.	49.80
60-80	3389.35	N.A.	24.80
70-80	1345.28	N.A.	9.80
80-90	204.56	N.A.	1.50
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	13690.14	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	375.99
10-20	1092.51
20-30	1704.06
30-40	2156.26
40-50	2394.98
50-60	2372.43
60-70	2044.08
70-80	1345.28
80-90	204.56
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-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	108	103	98	94	105	101	96	93	96	93	90	92	89	87	89	86	84	82
2	97	88	81	75	95	87	80	74	83	77	72	80	75	71	76	73	69	67
3	88	77	68	61	85	75	67	61	72	65	59	69	63	58	67	62	57	55
4	80	67	58	51	78	66	57	51	63	56	50	61	54	49	59	53	48	46
5	73	60	50	43	71	59	50	43	56	49	43	54	48	42	53	46	42	39
6	68	54	44	37	66	53	44	37	51	43	37	49	42	37	47	41	36	34
7	62	48	39	33	61	47	39	33	46	38	32	44	37	32	43	37	32	30
8	58	44	35	29	56	43	35	29	42	34	29	41	34	28	39	33	28	26
9	54	40	32	26	53	40	31	26	38	31	26	37	30	26	36	30	25	23
10	51	37	29	23	49	36	29	23	35	28	23	34	28	23	34	27	23	21

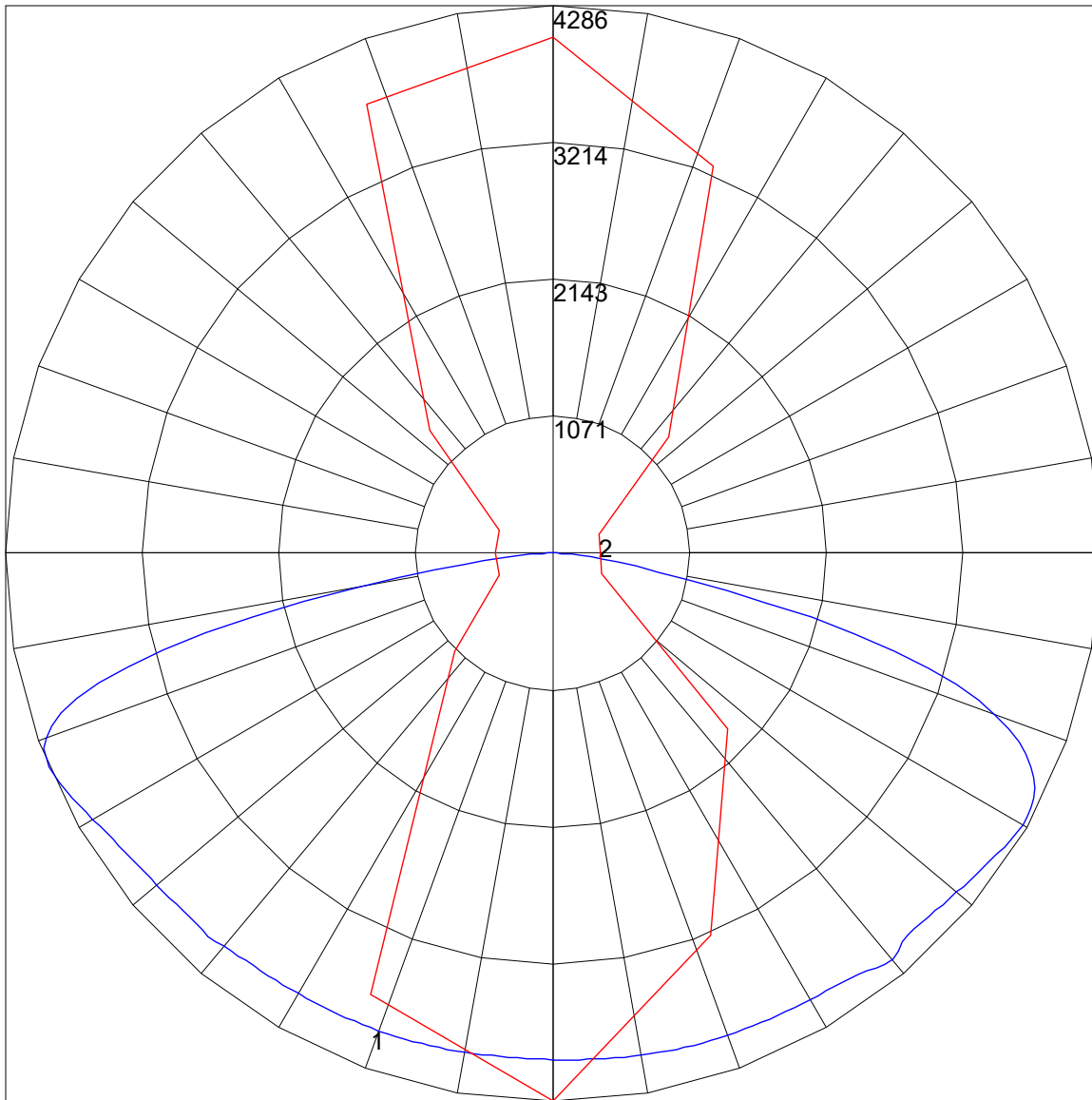
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-14000LM3K.IES

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	23.9	25.6	24.2	25.9	26.2	31.6	33.4	32.0	33.7	34.0
	3H	24.2	25.7	24.5	26.1	26.4	35.2	36.7	35.6	37.1	37.4
	4H	24.2	25.7	24.6	26.1	26.4	36.5	38.0	36.9	38.3	38.7
	6H	24.3	25.7	24.7	26.0	26.4	36.9	38.3	37.4	38.7	39.1
	8H	24.3	25.6	24.7	26.0	26.4	37.0	38.3	37.4	38.7	39.1
	12H	24.3	25.6	24.7	25.9	26.4	37.0	38.2	37.4	38.6	39.0
4H	2H	27.1	28.6	27.5	29.0	29.3	31.8	33.3	32.2	33.7	34.0
	3H	27.4	28.6	27.8	29.0	29.4	35.7	36.9	36.1	37.3	37.7
	4H	27.4	28.5	27.8	28.9	29.4	37.5	38.7	38.0	39.1	39.5
	6H	27.4	28.4	27.9	28.9	29.3	38.1	39.1	38.6	39.6	40.0
	8H	27.4	28.4	27.9	28.8	29.3	38.2	39.1	38.6	39.6	40.0
	12H	27.4	28.3	27.9	28.7	29.2	38.2	39.0	38.7	39.5	40.0
8H	4H	29.2	30.1	29.7	30.6	31.0	37.5	38.4	38.0	38.9	39.3
	6H	29.2	30.0	29.7	30.5	30.9	38.2	39.0	38.7	39.4	39.9
	8H	29.2	29.9	29.7	30.4	30.9	38.3	39.0	38.8	39.5	39.9
	12H	29.2	29.8	29.7	30.3	30.9	38.3	38.9	38.8	39.4	40.0
12H	4H	29.9	30.7	30.4	31.2	31.7	37.5	38.3	38.0	38.8	39.3
	6H	29.9	30.6	30.4	31.1	31.6	38.2	38.9	38.7	39.3	39.9
	8H	29.9	30.5	30.4	31.0	31.6	38.3	38.9	38.8	39.4	39.9

Maximum UGR = 40.0

POLAR GRAPH



Maximum Candela = 4285.61 Located At Horizontal Angle = 270, Vertical Angle = 67
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)