

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT5HV-20000LM3K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49931E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-11-01
[ISSUE DATE] 2022-11-30 19:22:51
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT5HV-20000LM3K
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	20405
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	152.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.50
Spacing Criterion (90-270)	1.32
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	186773	171975	153752
55	193099	173352	161047
65	149215	157927	165391
75	52868	51316	75817
85	12258	11029	9284

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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	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67
1	6171.29	6167.63	6159.93	6149.67	6137.72	6127.28	6119.86	6115.32	6115.09	6119.23
2	6197.93	6190.47	6174.66	6153.88	6129.89	6109.87	6094.82	6086.87	6086.22	6094.20
3	6225.05	6212.39	6188.49	6157.09	6121.77	6091.98	6070.07	6057.43	6056.91	6069.11
4	6251.23	6233.21	6200.70	6158.47	6112.13	6073.73	6043.82	6028.04	6027.60	6043.38
5	6277.26	6253.11	6210.88	6158.92	6101.20	6053.56	6016.93	5998.01	5998.63	6018.01
6	6304.48	6271.58	6220.00	6157.04	6089.13	6033.63	5990.39	5968.49	5969.33	5992.94
7	6331.04	6289.84	6228.16	6154.85	6076.72	6011.75	5964.01	5939.18	5940.80	5968.28
8	6357.15	6306.86	6234.72	6150.30	6062.31	5991.44	5938.20	5911.06	5913.83	5944.80
9	6382.12	6322.60	6239.83	6143.93	6045.96	5969.32	5912.96	5883.23	5887.10	5921.63
10	6405.17	6337.46	6242.88	6136.24	6028.50	5947.20	5886.97	5856.61	5861.12	5897.78
11	6425.57	6350.23	6244.00	6126.54	6009.66	5924.24	5862.50	5828.85	5834.66	5874.57
12	6443.85	6361.37	6243.39	6115.53	5989.76	5900.10	5837.03	5801.12	5808.41	5850.86
13	6459.76	6371.10	6241.49	6102.60	5968.52	5875.15	5811.26	5772.71	5781.29	5826.37
14	6473.06	6378.18	6237.60	6088.46	5945.34	5848.97	5783.73	5745.48	5754.35	5801.14
15	6483.96	6383.99	6230.96	6072.32	5921.11	5821.77	5755.52	5718.29	5728.38	5775.40
16	6491.92	6386.20	6221.73	6053.08	5894.49	5792.86	5726.19	5690.51	5703.01	5750.32
17	6498.22	6386.68	6210.47	6032.12	5866.63	5761.68	5695.70	5662.27	5677.77	5725.29
18	6501.69	6384.31	6197.16	6008.79	5838.05	5729.50	5665.00	5635.58	5651.96	5701.16
19	6502.98	6379.04	6181.77	5983.36	5807.54	5696.78	5633.38	5606.60	5626.93	5675.92
20	6500.66	6370.45	6161.95	5955.53	5775.71	5662.27	5600.36	5576.04	5600.81	5649.47
21	6495.74	6357.79	6138.41	5925.88	5742.58	5625.40	5565.23	5544.34	5572.98	5623.15
22	6487.12	6341.47	6111.67	5895.25	5708.03	5587.34	5528.03	5513.22	5546.08	5596.11
23	6472.92	6321.24	6081.91	5861.91	5672.57	5548.82	5489.82	5478.68	5517.61	5569.08
24	6454.58	6297.85	6051.92	5827.93	5634.48	5509.87	5450.99	5444.10	5488.67	5541.92
25	6430.67	6270.52	6020.99	5790.53	5594.79	5470.17	5414.53	5410.23	5459.84	5512.80
26	6402.69	6242.63	5989.22	5751.31	5553.14	5428.71	5377.32	5373.71	5429.20	5482.64
27	6372.03	6213.43	5955.91	5710.72	5512.20	5387.96	5341.85	5336.04	5397.52	5452.03
28	6338.47	6183.98	5921.25	5670.00	5469.06	5346.38	5305.56	5298.24	5363.65	5418.32
29	6304.24	6152.35	5884.96	5627.63	5423.68	5304.08	5269.17	5261.78	5329.77	5381.17
30	6268.49	6119.83	5848.02	5583.63	5378.50	5262.69	5233.28	5227.09	5296.54	5344.58
31	6232.97	6086.25	5809.65	5537.79	5330.91	5219.94	5196.85	5194.20	5263.44	5309.08
32	6196.14	6050.86	5770.33	5491.14	5282.45	5178.02	5159.48	5161.18	5231.27	5274.29
33	6157.29	6012.89	5731.00	5443.18	5232.05	5134.00	5120.44	5127.45	5199.65	5240.54
34	6116.76	5972.71	5689.19	5394.08	5181.69	5089.63	5081.39	5092.98	5168.53	5206.08
35	6075.12	5931.20	5646.50	5344.11	5129.37	5044.20	5041.68	5058.69	5136.90	5172.12
36	6030.89	5888.51	5601.46	5294.11	5077.18	4997.95	5000.49	5023.51	5104.59	5136.09
37	5984.70	5843.86	5555.87	5244.70	5024.20	4950.77	4959.45	4988.41	5071.12	5101.77
38	5937.54	5796.52	5508.13	5192.68	4970.80	4902.50	4917.09	4952.84	5037.47	5067.70
39	5888.01	5746.17	5459.45	5139.03	4915.79	4853.44	4873.82	4915.48	5003.81	5033.94
40	5837.63	5694.75	5408.48	5086.38	4860.37	4803.79	4829.67	4878.22	4969.06	5000.09
41	5784.41	5640.89	5355.00	5031.03	4804.32	4752.85	4783.98	4841.19	4934.20	4966.35
42	5729.15	5585.50	5298.89	4974.74	4746.02	4700.48	4739.02	4802.04	4897.05	4932.26
43	5670.08	5527.34	5238.64	4916.75	4686.84	4647.15	4690.79	4762.97	4859.39	4897.42
44	5609.56	5467.09	5175.83	4858.70	4628.07	4592.88	4643.36	4722.77	4820.33	4862.99
45	5549.22	5404.81	5109.56	4796.72	4568.13	4537.20	4594.13	4680.28	4778.92	4826.26
46	5485.75	5339.16	5039.79	4734.74	4507.03	4480.01	4544.49	4636.22	4735.82	4788.49
47	5422.46	5270.19	4964.89	4667.77	4444.92	4421.88	4494.24	4589.84	4690.22	4748.66
48	5356.26	5196.57	4883.64	4597.89	4381.91	4361.05	4439.69	4542.15	4643.21	4706.65
49	5285.95	5118.72	4799.09	4523.45	4317.26	4299.08	4384.37	4493.91	4593.68	4663.44
50	5215.81	5039.39	4711.03	4449.17	4250.92	4234.25	4326.12	4444.05	4542.41	4618.32
51	5133.05	4952.52	4615.94	4367.11	4183.70	4169.45	4265.88	4394.22	4485.61	4572.85
52	5035.06	4860.17	4514.02	4285.31	4111.36	4102.69	4201.49	4339.47	4418.03	4524.59
53	4923.65	4761.88	4407.22	4196.65	4038.37	4033.64	4131.95	4278.36	4338.79	4474.84

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CANDELA TABULATION - (Cont.)

54	4797.03	4645.10	4295.49	4105.52	3960.29	3961.69	4058.03	4203.29	4247.97	4418.42
55	4653.76	4511.73	4177.85	4007.96	3881.31	3885.99	3976.57	4114.99	4153.33	4350.83
56	4499.01	4360.36	4056.26	3907.31	3800.26	3808.91	3892.52	4015.04	4055.21	4273.92
57	4342.44	4193.89	3931.39	3802.87	3718.25	3727.31	3801.49	3906.49	3963.92	4184.50
58	4181.81	4013.01	3801.27	3696.46	3633.09	3642.60	3700.99	3795.67	3880.79	4086.48
59	4015.84	3827.42	3670.05	3584.16	3544.36	3555.93	3593.31	3682.47	3813.03	3982.30
60	3844.79	3644.11	3538.00	3472.73	3455.75	3468.31	3476.16	3574.90	3756.09	3886.85
61	3655.86	3458.73	3404.17	3351.33	3365.13	3374.09	3345.98	3464.70	3709.68	3794.17
62	3444.68	3275.23	3262.03	3226.69	3273.10	3276.72	3201.53	3361.75	3663.18	3705.20
63	3201.68	3087.51	3117.19	3099.20	3176.43	3174.47	3053.77	3254.87	3606.20	3616.61
64	2932.56	2890.55	2962.51	2973.42	3067.08	3067.73	2902.11	3138.33	3529.02	3524.61
65	2649.69	2670.69	2804.39	2841.60	2936.94	2956.31	2759.97	3011.34	3421.48	3418.71
66	2375.27	2438.73	2643.42	2705.47	2787.08	2830.68	2631.17	2874.80	3284.25	3289.15
67	2123.06	2200.71	2479.84	2550.69	2615.61	2690.74	2519.57	2727.57	3116.93	3128.79
68	1896.28	1965.85	2302.20	2387.43	2414.96	2528.59	2423.86	2575.05	2921.06	2944.72
69	1690.77	1729.96	2100.92	2208.81	2195.30	2350.14	2341.11	2422.78	2703.20	2748.34
70	1500.11	1490.40	1850.09	1993.52	1945.06	2149.56	2254.34	2267.33	2461.73	2554.80
71	1297.45	1252.54	1535.95	1743.59	1674.75	1937.85	2133.28	2097.34	2181.77	2360.31
72	1089.26	1018.30	1204.27	1461.19	1441.52	1693.95	1951.47	1896.88	1892.91	2171.88
73	887.26	824.50	918.13	1164.51	1208.30	1417.77	1694.55	1656.23	1606.54	1940.77
74	683.51	670.50	693.05	898.32	976.31	1141.60	1361.16	1365.07	1320.16	1679.70
75	574.94	561.24	558.06	711.70	824.51	867.50	1027.53	1073.23	1035.23	1370.52
76	467.55	452.54	424.18	586.38	684.73	670.01	685.52	757.08	798.35	1061.35
77	360.15	343.83	290.29	461.28	535.33	534.36	438.30	545.90	634.30	755.58
78	272.18	269.40	227.95	336.17	373.08	422.01	311.35	412.08	508.61	551.14
79	188.74	201.33	181.99	247.33	282.64	325.05	243.32	321.26	374.93	407.75
80	138.55	143.22	146.56	186.24	192.19	246.62	192.31	237.53	253.55	294.48
81	112.00	115.29	120.74	144.00	102.16	196.37	164.45	194.43	200.18	233.61
82	91.22	94.10	97.98	109.27	80.16	162.69	136.59	151.33	146.81	172.74
83	73.85	72.78	75.80	81.16	64.06	129.01	108.85	108.58	93.95	112.62
84	62.90	55.33	58.09	61.91	47.09	95.33	86.80	82.51	65.34	88.62
85	44.89	38.03	40.39	42.67	34.00	64.43	60.41	55.20	43.44	63.24
86	26.73	20.73	22.69	23.44	23.16	43.40	40.45	27.90	21.54	42.31
87	13.18	9.77	10.15	11.61	12.31	22.38	20.48	0.64	0.35	21.38
88	4.65	6.86	7.12	8.13	1.63	1.62	0.83	0.44	0.35	0.72
89	2.98	4.17	4.35	4.88	0.59	0.56	0.51	0.44	0.38	0.40
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 : MPLSEL25HTT5HV-20000LM3K.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	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67	6143.67
1	6126.66	6136.67	6148.61	6158.67	6167.15	6171.91	6171.29
2	6109.32	6128.63	6152.16	6172.49	6188.65	6198.14	6197.93
3	6091.45	6120.55	6154.94	6185.31	6210.04	6224.60	6225.05
4	6073.81	6111.12	6156.96	6198.14	6232.66	6251.62	6251.23
5	6054.74	6101.44	6158.70	6210.69	6254.15	6278.37	6277.26
6	6035.88	6091.16	6160.82	6223.24	6275.59	6305.81	6304.48
7	6016.48	6079.83	6161.09	6234.25	6295.22	6332.58	6331.04
8	5997.74	6067.84	6159.58	6243.00	6313.18	6358.83	6357.15
9	5978.50	6054.81	6157.02	6248.97	6329.83	6383.16	6382.12
10	5958.77	6041.03	6151.92	6252.44	6344.03	6405.56	6405.17
11	5938.81	6026.09	6145.49	6253.63	6355.35	6425.04	6425.57
12	5917.87	6010.18	6137.55	6252.34	6364.00	6441.88	6443.85
13	5895.78	5992.92	6127.40	6249.60	6370.45	6457.27	6459.76
14	5872.99	5975.61	6116.06	6244.64	6373.77	6469.14	6473.06
15	5850.00	5958.10	6103.63	6238.39	6376.14	6477.27	6483.96
16	5826.89	5939.79	6088.68	6229.59	6376.18	6482.45	6491.92
17	5803.18	5921.04	6073.35	6219.35	6373.81	6485.40	6498.22
18	5780.13	5900.10	6055.50	6206.63	6368.83	6486.93	6501.69
19	5757.13	5878.17	6036.20	6192.78	6360.79	6486.08	6502.98
20	5734.29	5855.54	6014.16	6175.98	6351.04	6481.59	6500.66
21	5710.39	5831.44	5990.56	6157.37	6338.54	6475.57	6495.74
22	5685.99	5807.52	5966.23	6136.06	6324.47	6467.79	6487.12
23	5661.30	5782.36	5940.23	6112.90	6308.02	6455.74	6472.92
24	5635.07	5756.77	5912.66	6088.85	6285.40	6439.49	6454.58
25	5606.53	5730.40	5883.53	6062.79	6260.60	6418.70	6430.67
26	5573.96	5701.61	5853.19	6034.33	6232.85	6394.58	6402.69
27	5541.26	5670.31	5820.91	6003.03	6202.66	6366.72	6372.03
28	5505.86	5638.42	5787.28	5968.90	6172.28	6335.27	6338.47
29	5469.36	5604.75	5752.73	5931.21	6139.67	6301.72	6304.24
30	5432.78	5570.58	5716.77	5890.88	6105.54	6266.51	6268.49
31	5396.44	5534.96	5680.73	5851.61	6071.18	6230.78	6232.97
32	5361.76	5498.37	5644.56	5810.63	6034.28	6193.10	6196.14
33	5326.60	5459.49	5607.21	5769.67	5996.38	6154.37	6157.29
34	5290.40	5420.93	5566.09	5726.60	5958.02	6113.84	6116.76
35	5254.03	5382.74	5523.51	5683.55	5917.80	6072.97	6075.12
36	5217.06	5342.24	5477.18	5637.53	5876.27	6029.73	6030.89

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	5180.22	5300.81	5430.22	5589.91	5834.41	5985.50	5984.70
38	5141.98	5256.61	5381.83	5539.87	5790.17	5938.61	5937.54
39	5103.60	5211.27	5331.72	5489.14	5744.32	5889.57	5888.01
40	5065.47	5166.30	5282.00	5438.47	5696.78	5838.86	5837.63
41	5026.82	5120.25	5230.22	5386.93	5647.92	5785.71	5784.41
42	4985.99	5073.15	5178.61	5332.63	5596.55	5731.17	5729.15
43	4944.53	5024.08	5123.08	5277.84	5542.05	5672.33	5670.08
44	4901.87	4975.30	5067.22	5220.90	5484.90	5613.34	5609.56
45	4859.83	4923.55	5010.06	5163.50	5425.58	5552.12	5549.22
46	4816.24	4871.02	4950.95	5103.46	5364.11	5487.59	5485.75
47	4771.65	4816.75	4892.08	5041.80	5298.89	5419.51	5422.46
48	4726.42	4761.43	4830.90	4976.48	5229.03	5349.52	5356.26
49	4681.10	4704.65	4767.73	4907.61	5154.48	5276.47	5285.95
50	4633.22	4646.29	4705.95	4839.22	5078.02	5201.76	5215.81
51	4586.25	4586.57	4640.09	4765.32	4996.31	5121.80	5133.05
52	4535.43	4525.57	4571.75	4690.38	4909.16	5035.31	5035.06
53	4485.49	4462.43	4501.13	4610.71	4818.34	4943.24	4923.65
54	4431.55	4396.32	4428.99	4526.91	4722.48	4835.12	4797.03
55	4376.75	4327.32	4355.15	4438.03	4620.66	4711.31	4653.76
56	4317.08	4257.09	4279.90	4344.35	4511.35	4570.19	4499.01
57	4253.09	4183.84	4199.81	4249.80	4395.41	4415.81	4342.44
58	4183.07	4109.96	4119.79	4149.94	4272.76	4247.31	4181.81
59	4108.61	4034.50	4038.69	4047.81	4142.06	4074.53	4015.84
60	4028.99	3959.47	3956.53	3942.35	4007.53	3900.87	3844.79
61	3939.22	3880.93	3868.40	3832.07	3861.27	3725.49	3655.86
62	3830.33	3797.71	3778.45	3716.72	3700.78	3551.63	3444.68
63	3704.00	3709.97	3682.41	3594.84	3534.43	3376.58	3201.68
64	3559.74	3615.11	3586.79	3466.60	3357.69	3187.07	2932.56
65	3395.40	3512.41	3493.22	3331.27	3178.01	2981.51	2649.69
66	3218.71	3401.54	3398.81	3191.81	3007.14	2754.92	2375.27
67	3038.54	3285.91	3295.10	3052.07	2847.83	2514.10	2123.06
68	2862.35	3167.72	3191.73	2915.11	2706.50	2288.52	1896.28
69	2701.44	3031.04	3075.39	2774.10	2579.76	2076.64	1690.77
70	2558.12	2880.45	2944.67	2630.75	2449.42	1871.77	1500.11
71	2435.83	2712.88	2790.41	2485.20	2291.65	1658.62	1297.45
72	2319.11	2538.16	2620.40	2334.87	2094.65	1432.42	1089.26
73	2208.98	2353.71	2426.23	2180.60	1860.20	1191.14	887.26
74	2072.69	2157.75	2194.78	2001.00	1571.59	961.10	683.51
75	1856.89	1933.59	1895.58	1771.87	1238.27	751.50	574.94
76	1508.18	1614.25	1546.64	1468.48	919.62	618.88	467.55
77	1159.48	1294.91	1206.09	1109.77	648.88	486.56	360.15
78	811.32	976.21	952.42	781.33	516.77	354.23	272.18
79	481.09	678.54	784.76	620.15	385.48	276.46	188.74
80	305.55	507.01	602.95	460.39	254.18	201.00	138.55
81	219.51	358.14	394.77	300.63	195.11	144.37	112.00
82	177.10	242.83	185.80	211.20	150.10	111.72	91.22
83	134.70	196.75	125.24	146.87	114.07	87.42	73.85
84	92.32	150.68	99.16	105.56	90.51	68.28	62.90
85	73.35	105.06	73.13	80.20	73.03	50.28	44.89
86	55.97	80.79	57.31	60.79	54.27	36.20	26.73
87	37.97	56.18	41.68	41.49	35.48	22.17	13.18
88	19.96	37.85	26.05	22.19	16.69	8.14	4.65
89	2.30	19.52	13.09	10.59	5.13	5.78	2.98
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 : MPLSEL25HTT5HV-20000LM3K.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 : MPLSEL25HTT5HV-20000LM3K.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 : MPLSEL25HTT5HV-20000LM3K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2297.56	N.A.	11.30
0-30	4989.92	N.A.	24.50
0-40	8413.68	N.A.	41.20
0-60	16074.71	N.A.	78.80
0-80	20317.36	N.A.	99.60
0-90	20405.04	N.A.	100.00
10-90	19820.25	N.A.	97.10
20-40	6116.12	N.A.	30.00
20-50	9965.17	N.A.	48.80
40-70	10680.38	N.A.	52.30
60-80	4242.65	N.A.	20.80
70-80	1223.3	N.A.	6.00
80-90	87.68	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	20405.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	584.79
10-20	1712.77
20-30	2692.36
30-40	3423.76
40-50	3849.06
50-60	3811.98
60-70	3019.35
70-80	1223.3
80-90	87.68
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 : MPLSEL25HTT5HV-20000LM3K.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	69	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

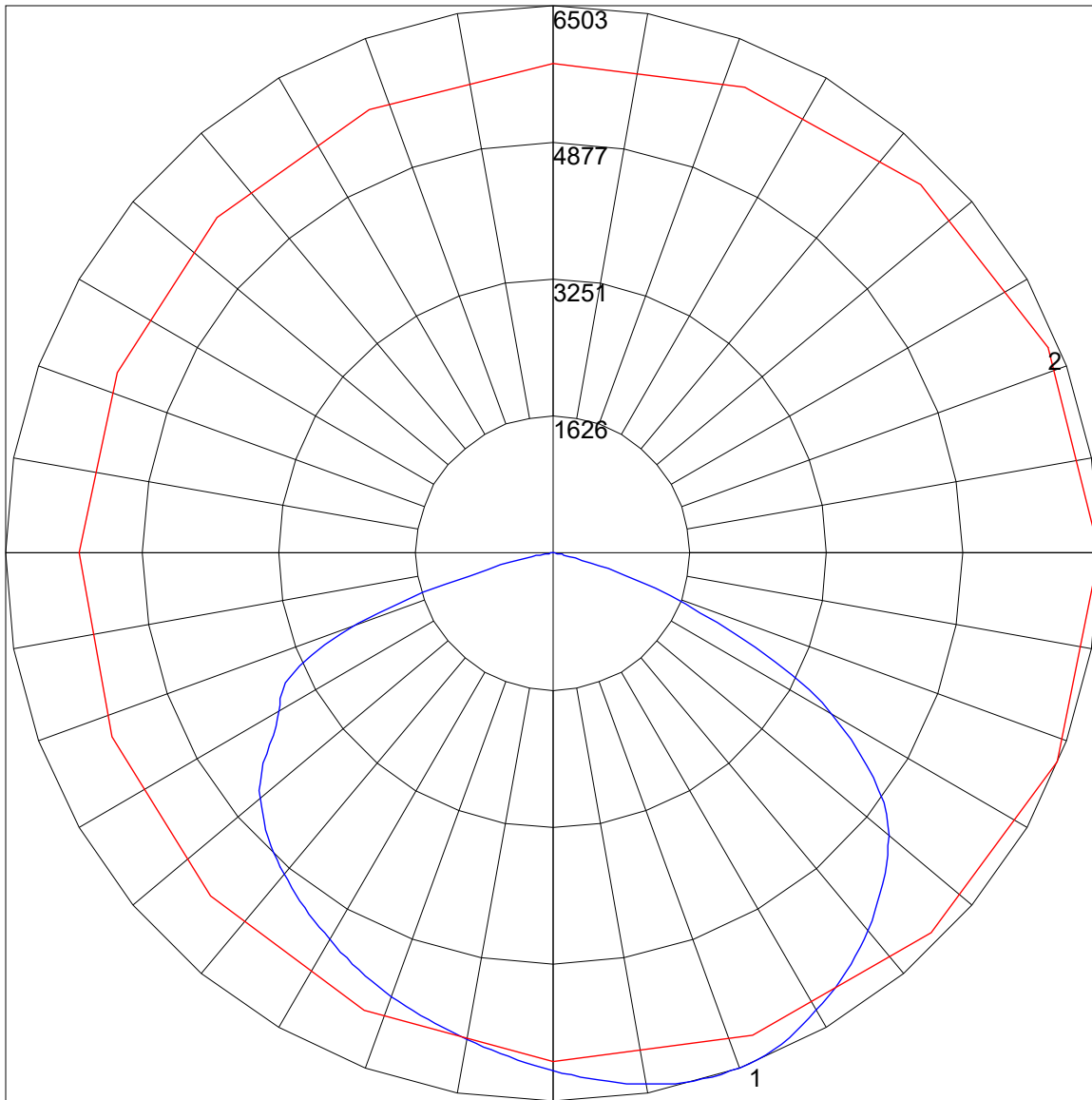
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT5HV-20000LM3K.IES

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	31.1	32.8	31.4	33.1	33.4	30.2	31.9	30.6	32.2	32.5
	3H	32.1	33.6	32.5	34.0	34.3	32.0	33.6	32.4	33.9	34.2
	4H	32.2	33.6	32.6	34.0	34.4	32.3	33.7	32.7	34.0	34.4
	6H	32.2	33.5	32.6	33.9	34.3	32.3	33.6	32.7	34.0	34.4
	8H	32.2	33.4	32.6	33.8	34.2	32.3	33.5	32.7	33.9	34.3
	12H	32.1	33.4	32.6	33.7	34.2	32.2	33.5	32.7	33.8	34.3
4H	2H	31.7	33.1	32.1	33.4	33.8	30.9	32.3	31.3	32.6	33.0
	3H	32.9	34.1	33.3	34.5	34.9	32.9	34.0	33.3	34.4	34.8
	4H	33.0	34.1	33.4	34.5	34.9	33.1	34.2	33.5	34.6	35.0
	6H	33.0	34.0	33.5	34.4	34.9	33.2	34.1	33.6	34.5	35.0
	8H	33.0	33.9	33.5	34.3	34.8	33.1	34.0	33.6	34.4	34.9
	12H	33.0	33.8	33.5	34.2	34.7	33.1	33.9	33.6	34.4	34.8
8H	4H	33.2	34.0	33.6	34.5	34.9	33.2	34.1	33.6	34.5	35.0
	6H	33.2	33.9	33.7	34.4	34.8	33.2	33.9	33.7	34.4	34.9
	8H	33.1	33.8	33.6	34.3	34.8	33.2	33.8	33.7	34.4	34.8
	12H	33.1	33.7	33.6	34.2	34.7	33.2	33.8	33.7	34.2	34.8
12H	4H	33.1	33.9	33.6	34.4	34.9	33.2	34.0	33.6	34.4	34.9
	6H	33.2	33.8	33.7	34.3	34.8	33.2	33.9	33.7	34.3	34.9
	8H	33.1	33.7	33.6	34.2	34.8	33.2	33.8	33.7	34.3	34.8

Maximum UGR = 35.0

POLAR GRAPH



Maximum Candela = 6502.98 Located At Horizontal Angle = 0, Vertical Angle = 19
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (19) (Through Max. Cd.)