

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-20000LM5K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49932E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-12-01
[ISSUE DATE] 2022-12-01 20:01:57
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT3HV-20000LM5K
[LAMP] N/A

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 21049 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 135 |
| Total Luminaire Watts | 155.4 |
| Ballast Factor | 1.00 |
| CIE Type | Direct |
| Spacing Criterion (0-180) | 1.24 |
| Spacing Criterion (90-270) | 1.62 |
| Spacing Criterion (Diagonal) | 1.52 |
| Basic Luminous Shape | Rectangular |
| Luminous Length (0-180) | 0.28 m |
| Luminous Width (90-270) | 0.15 m |
| Luminous Height | 0.00 m |

LUMINANCE DATA (cd/sq.m)

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45 | 119618 | 167889 | 212115 |
| 55 | 90573 | 182746 | 263484 |
| 65 | 43471 | 184466 | 362837 |
| 75 | 21057 | 28878 | 455706 |
| 85 | 12725 | 12537 | 183974 |

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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 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 |
| 1 | 6000.51 | 6000.87 | 6000.38 | 5996.50 | 5991.01 | 5984.07 | 5977.28 | 5970.55 | 5966.67 | 5967.13 |
| 2 | 6009.43 | 6011.94 | 6011.66 | 6006.59 | 5996.52 | 5982.79 | 5967.31 | 5951.87 | 5943.53 | 5945.00 |
| 3 | 6017.15 | 6020.24 | 6021.02 | 6016.60 | 6002.89 | 5981.90 | 5955.15 | 5929.38 | 5915.64 | 5917.56 |
| 4 | 6021.78 | 6026.86 | 6029.77 | 6025.39 | 6008.61 | 5980.42 | 5941.18 | 5903.08 | 5883.15 | 5886.15 |
| 5 | 6023.53 | 6031.50 | 6037.71 | 6033.09 | 6014.57 | 5976.91 | 5924.52 | 5873.91 | 5847.33 | 5853.22 |
| 6 | 6023.80 | 6034.69 | 6042.82 | 6040.08 | 6019.93 | 5974.78 | 5906.39 | 5842.74 | 5807.58 | 5816.36 |
| 7 | 6023.37 | 6036.68 | 6047.61 | 6047.94 | 6027.19 | 5973.19 | 5887.35 | 5808.41 | 5764.67 | 5776.03 |
| 8 | 6020.21 | 6035.87 | 6052.55 | 6055.65 | 6034.94 | 5969.83 | 5866.60 | 5771.88 | 5721.28 | 5735.57 |
| 9 | 6013.28 | 6033.06 | 6056.31 | 6064.40 | 6042.33 | 5966.49 | 5844.82 | 5733.72 | 5675.30 | 5693.60 |
| 10 | 6002.62 | 6027.08 | 6059.54 | 6072.80 | 6050.71 | 5962.85 | 5820.76 | 5693.91 | 5627.52 | 5649.92 |
| 11 | 5987.03 | 6017.01 | 6061.93 | 6082.06 | 6060.43 | 5959.83 | 5797.60 | 5652.18 | 5579.52 | 5606.10 |
| 12 | 5966.97 | 6002.35 | 6064.11 | 6092.88 | 6070.37 | 5956.86 | 5772.99 | 5609.56 | 5526.73 | 5560.55 |
| 13 | 5942.77 | 5985.58 | 6063.71 | 6104.01 | 6081.06 | 5954.69 | 5747.41 | 5564.99 | 5472.96 | 5513.11 |
| 14 | 5913.48 | 5964.72 | 6061.81 | 6115.20 | 6091.32 | 5953.37 | 5721.28 | 5518.84 | 5416.74 | 5464.12 |
| 15 | 5880.49 | 5938.64 | 6056.21 | 6126.00 | 6102.80 | 5951.46 | 5695.82 | 5470.78 | 5357.99 | 5415.15 |
| 16 | 5844.99 | 5909.81 | 6048.57 | 6134.53 | 6115.66 | 5950.17 | 5669.76 | 5421.03 | 5299.43 | 5362.65 |
| 17 | 5804.32 | 5878.87 | 6038.62 | 6143.46 | 6127.01 | 5949.98 | 5644.59 | 5370.76 | 5238.85 | 5309.84 |
| 18 | 5760.57 | 5844.67 | 6026.62 | 6151.70 | 6139.44 | 5950.82 | 5621.32 | 5317.40 | 5179.13 | 5255.64 |
| 19 | 5713.66 | 5807.45 | 6011.82 | 6160.63 | 6151.80 | 5950.41 | 5596.20 | 5262.84 | 5115.30 | 5198.88 |
| 20 | 5664.08 | 5766.30 | 5994.41 | 6168.29 | 6163.91 | 5951.47 | 5571.41 | 5206.47 | 5050.03 | 5141.20 |
| 21 | 5610.78 | 5723.46 | 5974.85 | 6174.83 | 6175.64 | 5951.69 | 5546.24 | 5149.30 | 4983.60 | 5082.01 |
| 22 | 5552.95 | 5677.98 | 5953.39 | 6180.83 | 6187.71 | 5952.15 | 5520.17 | 5089.69 | 4915.71 | 5019.99 |
| 23 | 5491.90 | 5627.61 | 5930.01 | 6183.46 | 6197.88 | 5953.21 | 5494.23 | 5031.59 | 4847.95 | 4958.99 |
| 24 | 5424.87 | 5574.94 | 5906.79 | 6185.21 | 6208.29 | 5954.08 | 5468.78 | 4973.39 | 4777.71 | 4895.60 |
| 25 | 5352.73 | 5517.04 | 5880.72 | 6184.82 | 6218.94 | 5954.71 | 5440.74 | 4912.69 | 4707.18 | 4832.08 |
| 26 | 5280.15 | 5457.12 | 5853.77 | 6184.17 | 6230.08 | 5954.93 | 5412.63 | 4850.28 | 4633.52 | 4766.30 |
| 27 | 5202.90 | 5393.49 | 5825.66 | 6183.94 | 6238.92 | 5955.12 | 5385.31 | 4787.85 | 4561.87 | 4701.63 |
| 28 | 5120.80 | 5324.37 | 5795.27 | 6184.57 | 6246.44 | 5954.26 | 5357.88 | 4725.03 | 4488.49 | 4634.46 |
| 29 | 5035.92 | 5253.59 | 5762.02 | 6182.45 | 6254.94 | 5953.41 | 5331.09 | 4661.67 | 4415.90 | 4568.72 |
| 30 | 4951.30 | 5179.67 | 5727.74 | 6178.88 | 6264.45 | 5953.62 | 5305.51 | 4598.17 | 4342.98 | 4503.66 |
| 31 | 4865.65 | 5102.01 | 5690.84 | 6174.97 | 6271.86 | 5951.64 | 5278.10 | 4532.83 | 4268.16 | 4439.36 |
| 32 | 4778.84 | 5023.27 | 5652.20 | 6170.43 | 6277.11 | 5949.22 | 5250.04 | 4465.46 | 4192.78 | 4372.73 |
| 33 | 4690.81 | 4945.16 | 5610.94 | 6165.26 | 6282.19 | 5946.43 | 5221.98 | 4397.23 | 4113.77 | 4302.48 |
| 34 | 4599.41 | 4864.97 | 5568.59 | 6159.95 | 6286.32 | 5942.44 | 5194.57 | 4326.65 | 4032.51 | 4229.36 |
| 35 | 4512.92 | 4785.31 | 5525.86 | 6152.39 | 6289.71 | 5936.27 | 5163.81 | 4256.01 | 3948.17 | 4153.56 |
| 36 | 4425.96 | 4704.84 | 5479.66 | 6141.77 | 6292.92 | 5928.34 | 5132.08 | 4181.40 | 3856.74 | 4074.39 |
| 37 | 4337.10 | 4623.15 | 5431.01 | 6132.08 | 6294.22 | 5920.93 | 5100.25 | 4106.39 | 3764.50 | 3991.94 |
| 38 | 4244.74 | 4538.85 | 5381.90 | 6120.56 | 6295.55 | 5913.00 | 5067.05 | 4026.09 | 3665.92 | 3905.24 |
| 39 | 4149.53 | 4451.99 | 5328.83 | 6107.58 | 6297.02 | 5904.56 | 5033.41 | 3942.12 | 3570.89 | 3818.89 |
| 40 | 4054.81 | 4366.60 | 5276.53 | 6092.81 | 6298.57 | 5894.50 | 4998.46 | 3855.03 | 3476.23 | 3727.68 |
| 41 | 3955.97 | 4281.35 | 5222.31 | 6076.76 | 6300.98 | 5883.86 | 4964.55 | 3762.98 | 3378.11 | 3636.04 |
| 42 | 3857.20 | 4195.57 | 5168.93 | 6058.47 | 6303.29 | 5873.12 | 4930.02 | 3665.30 | 3274.02 | 3541.24 |
| 43 | 3754.46 | 4107.81 | 5108.99 | 6038.23 | 6304.15 | 5861.32 | 4895.00 | 3564.77 | 3163.36 | 3445.80 |
| 44 | 3652.67 | 4015.53 | 5048.15 | 6017.63 | 6304.29 | 5849.23 | 4858.19 | 3457.74 | 3052.62 | 3346.18 |
| 45 | 3553.98 | 3920.67 | 4988.18 | 5996.78 | 6302.17 | 5834.99 | 4818.83 | 3342.75 | 2943.33 | 3241.38 |
| 46 | 3450.69 | 3820.40 | 4924.73 | 5973.03 | 6300.47 | 5821.38 | 4778.54 | 3224.21 | 2836.54 | 3131.44 |
| 47 | 3348.50 | 3716.49 | 4860.61 | 5947.33 | 6298.54 | 5805.76 | 4737.31 | 3109.30 | 2734.36 | 3013.03 |
| 48 | 3243.27 | 3611.60 | 4797.31 | 5920.87 | 6299.25 | 5785.74 | 4694.15 | 2988.07 | 2631.60 | 2888.56 |
| 49 | 3125.14 | 3500.61 | 4737.22 | 5889.16 | 6301.59 | 5763.00 | 4648.67 | 2862.20 | 2530.72 | 2768.91 |
| 50 | 2993.98 | 3381.90 | 4676.06 | 5852.97 | 6305.99 | 5735.30 | 4602.45 | 2732.12 | 2426.32 | 2654.18 |
| 51 | 2842.17 | 3251.88 | 4619.63 | 5812.25 | 6311.11 | 5712.77 | 4556.98 | 2603.22 | 2316.69 | 2539.46 |
| 52 | 2678.16 | 3101.33 | 4561.54 | 5770.48 | 6317.01 | 5691.60 | 4506.29 | 2475.49 | 2208.67 | 2423.72 |
| 53 | 2508.04 | 2918.93 | 4504.70 | 5725.44 | 6325.33 | 5671.88 | 4452.90 | 2345.94 | 2104.71 | 2305.66 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 54 | 2340.07 | 2720.03 | 4451.13 | 5679.74 | 6336.84 | 5652.24 | 4395.40 | 2214.88 | 2005.56 | 2185.40 |
| 55 | 2182.85 | 2506.10 | 4404.25 | 5632.01 | 6350.08 | 5635.73 | 4334.34 | 2091.91 | 1912.86 | 2063.80 |
| 56 | 2027.02 | 2295.23 | 4363.32 | 5580.93 | 6364.04 | 5618.38 | 4266.16 | 1976.73 | 1824.93 | 1948.19 |
| 57 | 1877.50 | 2091.45 | 4330.20 | 5526.48 | 6373.50 | 5601.95 | 4187.13 | 1867.96 | 1736.78 | 1839.67 |
| 58 | 1721.70 | 1897.88 | 4307.83 | 5469.17 | 6379.82 | 5588.16 | 4092.37 | 1766.69 | 1640.32 | 1739.08 |
| 59 | 1558.34 | 1717.79 | 4276.99 | 5406.65 | 6385.55 | 5573.48 | 3980.43 | 1669.04 | 1534.60 | 1639.95 |
| 60 | 1394.94 | 1549.75 | 4235.67 | 5341.15 | 6390.57 | 5556.04 | 3844.77 | 1568.33 | 1427.38 | 1534.73 |
| 61 | 1245.00 | 1391.99 | 4168.11 | 5273.70 | 6396.80 | 5537.73 | 3681.91 | 1455.31 | 1320.15 | 1425.91 |
| 62 | 1104.22 | 1239.21 | 4060.66 | 5207.19 | 6408.03 | 5521.44 | 3490.29 | 1340.52 | 1212.92 | 1317.10 |
| 63 | 976.82 | 1097.50 | 3890.60 | 5143.49 | 6418.34 | 5515.22 | 3271.53 | 1225.79 | 1103.94 | 1208.27 |
| 64 | 867.55 | 967.41 | 3641.80 | 5089.42 | 6429.92 | 5516.12 | 3027.01 | 1114.92 | 1003.56 | 1098.81 |
| 65 | 771.94 | 851.05 | 3275.65 | 5045.82 | 6443.08 | 5522.70 | 2771.55 | 1007.18 | 913.62 | 995.56 |
| 66 | 691.65 | 748.85 | 2805.40 | 5015.36 | 6455.00 | 5537.75 | 2485.89 | 902.60 | 831.99 | 896.57 |
| 67 | 619.49 | 658.85 | 2272.31 | 5012.90 | 6460.20 | 5564.75 | 2174.63 | 806.63 | 754.37 | 804.27 |
| 68 | 547.36 | 583.87 | 1768.40 | 5038.43 | 6448.56 | 5607.53 | 1836.62 | 723.94 | 677.32 | 720.68 |
| 69 | 475.22 | 509.27 | 1376.68 | 5092.09 | 6407.92 | 5656.98 | 1593.92 | 650.01 | 599.87 | 642.34 |
| 70 | 425.36 | 455.92 | 1081.02 | 5159.67 | 6315.71 | 5690.58 | 1351.22 | 582.28 | 533.45 | 572.50 |
| 71 | 377.36 | 402.73 | 854.55 | 5229.62 | 6183.59 | 5687.00 | 1110.05 | 519.78 | 483.66 | 510.95 |
| 72 | 327.71 | 349.54 | 654.54 | 5297.34 | 5992.15 | 5632.42 | 973.42 | 459.60 | 440.75 | 457.53 |
| 73 | 288.57 | 307.68 | 539.52 | 5357.79 | 5722.61 | 5527.21 | 853.57 | 402.52 | 399.34 | 407.58 |
| 74 | 255.85 | 271.26 | 426.79 | 5418.51 | 5368.39 | 5381.17 | 741.83 | 349.90 | 361.06 | 357.82 |
| 75 | 228.99 | 240.28 | 314.05 | 5463.84 | 4955.81 | 5197.28 | 615.86 | 303.17 | 330.91 | 311.85 |
| 76 | 207.05 | 212.91 | 264.93 | 5465.12 | 4488.93 | 4968.11 | 471.07 | 262.75 | 303.99 | 272.78 |
| 77 | 187.26 | 188.75 | 227.06 | 5313.59 | 3990.30 | 4704.10 | 335.15 | 229.64 | 278.53 | 238.88 |
| 78 | 166.43 | 166.02 | 195.06 | 4901.02 | 3416.91 | 4474.78 | 255.46 | 201.58 | 250.58 | 209.64 |
| 79 | 150.02 | 143.91 | 166.57 | 4252.68 | 2775.79 | 4170.91 | 206.03 | 176.88 | 216.22 | 183.89 |
| 80 | 132.12 | 123.16 | 141.50 | 3433.39 | 2155.57 | 3658.61 | 175.98 | 154.39 | 193.92 | 160.29 |
| 81 | 114.91 | 103.99 | 119.23 | 2622.98 | 1740.03 | 2948.29 | 145.93 | 131.90 | 169.84 | 136.70 |
| 82 | 96.43 | 86.64 | 98.28 | 1976.07 | 1324.48 | 2261.52 | 116.00 | 109.48 | 146.16 | 113.12 |
| 83 | 79.46 | 70.08 | 79.14 | 1497.30 | 913.51 | 1787.64 | 94.19 | 90.90 | 122.45 | 94.28 |
| 84 | 63.01 | 55.77 | 61.19 | 1113.43 | 760.74 | 1313.77 | 74.61 | 75.18 | 97.74 | 77.97 |
| 85 | 46.60 | 41.53 | 45.91 | 802.24 | 673.73 | 841.65 | 57.55 | 55.68 | 65.00 | 55.35 |
| 86 | 30.18 | 27.29 | 30.68 | 602.25 | 563.95 | 551.15 | 41.58 | 37.92 | 32.25 | 37.65 |
| 87 | 16.10 | 15.45 | 18.29 | 403.31 | 425.22 | 357.02 | 28.35 | 20.15 | 0.54 | 19.96 |
| 88 | 10.79 | 4.10 | 7.86 | 204.36 | 288.73 | 209.20 | 15.12 | 2.42 | 0.20 | 2.39 |
| 89 | 5.75 | 2.32 | 4.66 | 47.04 | 152.24 | 63.91 | 2.11 | 0.58 | 0.21 | 0.30 |
| 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 : MPLSEL25HTT3HV-20000LM5K.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 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 | 5985.58 |
| 1 | 5971.20 | 5976.25 | 5982.97 | 5988.56 | 5994.13 | 5997.46 | 6000.51 |
| 2 | 5953.79 | 5966.88 | 5980.77 | 5991.62 | 6000.99 | 6005.88 | 6009.43 |
| 3 | 5934.95 | 5956.32 | 5978.02 | 5993.76 | 6005.26 | 6011.64 | 6017.15 |
| 4 | 5911.80 | 5945.91 | 5976.45 | 5995.30 | 6007.08 | 6014.78 | 6021.78 |
| 5 | 5888.12 | 5935.90 | 5976.21 | 5997.70 | 6008.40 | 6016.12 | 6023.53 |
| 6 | 5863.98 | 5924.80 | 5975.79 | 5999.18 | 6010.31 | 6016.54 | 6023.80 |
| 7 | 5838.55 | 5914.53 | 5977.90 | 6001.13 | 6011.63 | 6015.48 | 6023.37 |
| 8 | 5811.24 | 5905.87 | 5978.99 | 6004.74 | 6012.28 | 6012.94 | 6020.21 |
| 9 | 5783.14 | 5894.71 | 5979.87 | 6007.83 | 6012.30 | 6008.18 | 6013.28 |
| 10 | 5755.31 | 5882.53 | 5977.77 | 6008.71 | 6011.24 | 6000.52 | 6002.62 |
| 11 | 5727.54 | 5871.45 | 5976.67 | 6008.52 | 6008.47 | 5989.36 | 5987.03 |
| 12 | 5695.95 | 5858.47 | 5975.80 | 6007.45 | 6004.16 | 5975.16 | 5966.97 |
| 13 | 5664.60 | 5847.38 | 5977.68 | 6007.64 | 5998.31 | 5957.42 | 5942.77 |
| 14 | 5632.32 | 5837.08 | 5979.44 | 6010.37 | 5991.14 | 5935.84 | 5913.48 |
| 15 | 5601.03 | 5826.01 | 5982.00 | 6013.43 | 5980.06 | 5909.50 | 5880.49 |
| 16 | 5568.66 | 5815.51 | 5984.34 | 6016.93 | 5967.80 | 5879.78 | 5844.99 |
| 17 | 5537.43 | 5805.24 | 5985.87 | 6019.31 | 5953.32 | 5847.19 | 5804.32 |
| 18 | 5505.25 | 5794.74 | 5986.55 | 6020.37 | 5938.18 | 5811.56 | 5760.57 |
| 19 | 5473.57 | 5784.09 | 5987.84 | 6020.18 | 5921.82 | 5772.21 | 5713.66 |
| 20 | 5442.21 | 5773.62 | 5989.14 | 6020.18 | 5902.95 | 5730.75 | 5664.08 |
| 21 | 5410.05 | 5763.19 | 5989.81 | 6019.10 | 5882.48 | 5686.87 | 5610.78 |
| 22 | 5375.43 | 5753.18 | 5990.02 | 6016.33 | 5860.68 | 5639.73 | 5552.95 |
| 23 | 5340.59 | 5742.59 | 5991.30 | 6011.22 | 5835.22 | 5589.90 | 5491.90 |
| 24 | 5304.40 | 5732.07 | 5992.81 | 6006.23 | 5807.23 | 5537.50 | 5424.87 |
| 25 | 5268.83 | 5721.90 | 5992.20 | 6000.67 | 5777.12 | 5480.28 | 5352.73 |
| 26 | 5233.27 | 5711.15 | 5992.83 | 5995.09 | 5747.57 | 5420.23 | 5280.15 |
| 27 | 5197.44 | 5700.46 | 5993.88 | 5988.38 | 5716.54 | 5358.72 | 5202.90 |
| 28 | 5160.30 | 5688.87 | 5993.91 | 5982.11 | 5683.69 | 5293.72 | 5120.80 |
| 29 | 5122.64 | 5677.26 | 5994.13 | 5975.94 | 5648.92 | 5225.93 | 5035.92 |
| 30 | 5083.88 | 5667.18 | 5993.05 | 5968.76 | 5612.54 | 5156.64 | 4951.30 |
| 31 | 5043.73 | 5657.96 | 5991.54 | 5961.86 | 5574.49 | 5084.66 | 4865.65 |
| 32 | 5003.65 | 5647.17 | 5986.79 | 5953.85 | 5535.57 | 5013.57 | 4778.84 |
| 33 | 4962.34 | 5634.97 | 5982.38 | 5944.62 | 5497.19 | 4940.16 | 4690.81 |
| 34 | 4920.70 | 5620.95 | 5977.30 | 5932.91 | 5456.26 | 4864.64 | 4599.41 |
| 35 | 4880.99 | 5606.54 | 5974.07 | 5923.86 | 5414.12 | 4789.22 | 4512.92 |
| 36 | 4840.64 | 5590.62 | 5967.59 | 5911.12 | 5369.60 | 4712.93 | 4425.96 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-20000LM5K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|
| 37 | 4800.07 | 5574.94 | 5964.23 | 5895.78 | 5322.70 | 4633.64 | 4337.10 |
| 38 | 4760.67 | 5558.55 | 5960.89 | 5879.54 | 5275.02 | 4553.01 | 4244.74 |
| 39 | 4720.76 | 5541.70 | 5957.23 | 5866.82 | 5223.73 | 4467.88 | 4149.53 |
| 40 | 4680.56 | 5522.39 | 5954.45 | 5852.33 | 5171.99 | 4384.50 | 4054.81 |
| 41 | 4637.88 | 5503.43 | 5953.12 | 5835.21 | 5118.12 | 4299.34 | 3955.97 |
| 42 | 4595.44 | 5485.03 | 5952.90 | 5817.98 | 5061.78 | 4215.77 | 3857.20 |
| 43 | 4553.20 | 5464.17 | 5954.99 | 5798.59 | 5001.95 | 4130.46 | 3754.46 |
| 44 | 4510.66 | 5442.65 | 5957.15 | 5779.14 | 4942.12 | 4046.35 | 3652.67 |
| 45 | 4466.15 | 5423.71 | 5958.49 | 5757.88 | 4882.29 | 3961.12 | 3553.98 |
| 46 | 4420.29 | 5405.45 | 5954.21 | 5735.72 | 4819.07 | 3868.15 | 3450.69 |
| 47 | 4370.37 | 5385.66 | 5949.17 | 5714.83 | 4754.40 | 3770.36 | 3348.50 |
| 48 | 4319.01 | 5366.83 | 5944.28 | 5694.80 | 4690.21 | 3670.47 | 3243.27 |
| 49 | 4269.01 | 5349.39 | 5943.42 | 5668.24 | 4624.79 | 3561.85 | 3125.14 |
| 50 | 4216.72 | 5328.80 | 5944.23 | 5636.69 | 4559.58 | 3448.36 | 2993.98 |
| 51 | 4156.68 | 5307.46 | 5947.28 | 5604.14 | 4497.26 | 3324.87 | 2842.17 |
| 52 | 4088.94 | 5287.18 | 5954.83 | 5572.93 | 4435.65 | 3186.57 | 2678.16 |
| 53 | 4010.82 | 5268.00 | 5963.68 | 5541.33 | 4377.50 | 3029.46 | 2508.04 |
| 54 | 3923.91 | 5247.74 | 5973.50 | 5508.24 | 4325.75 | 2854.41 | 2340.07 |
| 55 | 3830.62 | 5230.29 | 5985.39 | 5475.72 | 4278.45 | 2657.22 | 2182.85 |
| 56 | 3725.15 | 5212.28 | 5999.39 | 5441.93 | 4237.77 | 2446.70 | 2027.02 |
| 57 | 3603.03 | 5195.79 | 6011.65 | 5404.29 | 4205.62 | 2242.06 | 1877.50 |
| 58 | 3462.01 | 5177.63 | 6021.73 | 5363.43 | 4184.18 | 2055.69 | 1721.70 |
| 59 | 3293.18 | 5156.70 | 6030.34 | 5316.00 | 4175.01 | 1872.29 | 1558.34 |
| 60 | 3096.27 | 5133.71 | 6044.23 | 5266.86 | 4166.98 | 1677.05 | 1394.94 |
| 61 | 2872.97 | 5109.67 | 6062.22 | 5211.57 | 4154.49 | 1484.61 | 1245.00 |
| 62 | 2630.42 | 5084.04 | 6082.23 | 5154.04 | 4131.53 | 1293.09 | 1104.22 |
| 63 | 2370.78 | 5060.63 | 6104.70 | 5099.56 | 4088.72 | 1126.48 | 976.82 |
| 64 | 2085.57 | 5036.97 | 6130.06 | 5046.10 | 4001.09 | 985.48 | 867.55 |
| 65 | 1794.43 | 5015.80 | 6162.50 | 4993.62 | 3839.65 | 866.75 | 771.94 |
| 66 | 1565.00 | 5001.43 | 6199.65 | 4946.33 | 3567.16 | 763.70 | 691.65 |
| 67 | 1335.58 | 5002.15 | 6240.23 | 4909.31 | 3161.54 | 674.00 | 619.49 |
| 68 | 1107.14 | 5029.27 | 6276.87 | 4892.69 | 2621.39 | 599.81 | 547.36 |
| 69 | 914.07 | 5081.47 | 6296.86 | 4888.63 | 2046.52 | 525.71 | 475.22 |
| 70 | 761.98 | 5147.03 | 6274.83 | 4873.05 | 1625.80 | 451.61 | 425.36 |
| 71 | 645.63 | 5206.07 | 6210.71 | 4841.49 | 1328.87 | 394.34 | 377.36 |
| 72 | 551.01 | 5238.05 | 6093.09 | 4797.47 | 1094.69 | 346.94 | 327.71 |
| 73 | 464.53 | 5252.63 | 5899.63 | 4727.69 | 918.57 | 302.82 | 288.57 |
| 74 | 395.94 | 5228.46 | 5625.16 | 4629.45 | 770.03 | 264.40 | 255.85 |
| 75 | 342.69 | 5135.23 | 5267.19 | 4528.92 | 606.83 | 233.92 | 228.99 |
| 76 | 297.59 | 4996.61 | 4849.19 | 4484.58 | 457.79 | 208.41 | 207.05 |
| 77 | 257.02 | 4813.27 | 4395.02 | 4514.31 | 308.93 | 185.86 | 187.26 |
| 78 | 218.95 | 4492.11 | 3870.10 | 4499.85 | 226.32 | 163.16 | 166.43 |
| 79 | 185.30 | 3984.37 | 3272.19 | 4310.98 | 183.76 | 141.78 | 150.02 |
| 80 | 159.97 | 3251.67 | 2562.74 | 3911.80 | 154.12 | 120.54 | 132.12 |
| 81 | 134.65 | 2397.95 | 1786.99 | 3246.39 | 129.57 | 101.33 | 114.91 |
| 82 | 109.34 | 1880.44 | 1240.37 | 2570.07 | 106.85 | 83.46 | 96.43 |
| 83 | 88.85 | 1362.93 | 928.61 | 2028.82 | 86.23 | 68.09 | 79.46 |
| 84 | 70.68 | 850.65 | 769.47 | 1545.91 | 66.89 | 54.33 | 63.01 |
| 85 | 54.73 | 588.56 | 676.84 | 1115.34 | 51.10 | 40.57 | 46.60 |
| 86 | 37.90 | 402.50 | 542.33 | 778.77 | 35.40 | 26.81 | 30.18 |
| 87 | 25.72 | 275.31 | 407.29 | 528.71 | 19.70 | 15.11 | 16.10 |
| 88 | 13.53 | 148.12 | 272.25 | 280.16 | 8.05 | 4.15 | 10.79 |
| 89 | 1.54 | 22.82 | 64.17 | 31.62 | 5.80 | 2.31 | 5.75 |
| 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-20000LM5K.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-20000LM5K.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-20000LM5K.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 2216.48 | N.A. | 10.50 |
| 0-30 | 4791.42 | N.A. | 22.80 |
| 0-40 | 8053.18 | N.A. | 38.30 |
| 0-60 | 15302.02 | N.A. | 72.70 |
| 0-80 | 20583.29 | N.A. | 97.80 |
| 0-90 | 21048.53 | N.A. | 100.00 |
| 10-90 | 20480.81 | N.A. | 97.30 |
| 20-40 | 5836.7 | N.A. | 27.70 |
| 20-50 | 9473.88 | N.A. | 45.00 |
| 40-70 | 10343.17 | N.A. | 49.10 |
| 60-80 | 5281.27 | N.A. | 25.10 |
| 70-80 | 2186.94 | N.A. | 10.40 |
| 80-90 | 465.25 | N.A. | 2.20 |
| 90-110 | 0.00 | N.A. | 0.00 |
| 90-120 | 0.00 | N.A. | 0.00 |
| 90-130 | 0.00 | N.A. | 0.00 |
| 90-150 | 0.00 | N.A. | 0.00 |
| 90-180 | 0.00 | N.A. | 0.00 |
| 110-180 | 0.00 | N.A. | 0.00 |
| 0-180 | 21048.53 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 567.72 |
| 10-20 | 1648.75 |
| 20-30 | 2574.94 |
| 30-40 | 3261.75 |
| 40-50 | 3637.18 |
| 50-60 | 3611.66 |
| 60-70 | 3094.33 |
| 70-80 | 2186.94 |
| 80-90 | 465.25 |
| 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-20000LM5K.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 | 33 |
| 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 | 28 | 41 | 34 | 28 | 40 | 33 | 28 | 39 | 33 | 28 | 26 |
| 9 | 54 | 40 | 31 | 26 | 52 | 39 | 31 | 25 | 38 | 31 | 25 | 37 | 30 | 25 | 36 | 30 | 25 | 23 |
| 10 | 50 | 37 | 28 | 23 | 49 | 36 | 28 | 23 | 35 | 28 | 23 | 34 | 27 | 23 | 33 | 27 | 23 | 21 |

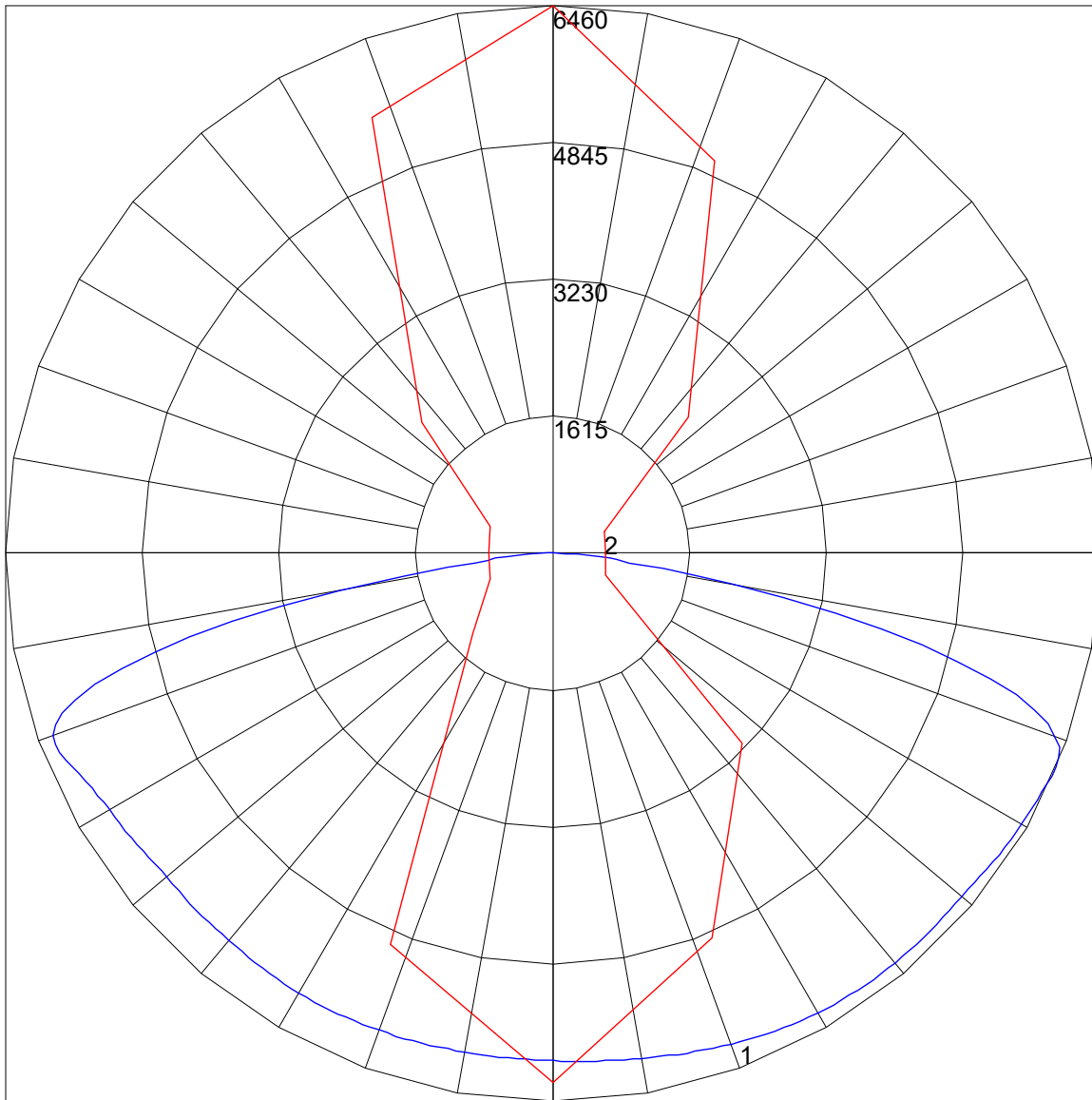
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT3HV-20000LM5K.IES

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 | 25.7 | 27.5 | 26.1 | 27.8 | 28.1 | 33.0 | 34.8 | 33.4 | 35.1 | 35.4 |
| | 3H | 26.1 | 27.6 | 26.4 | 28.0 | 28.3 | 36.8 | 38.4 | 37.2 | 38.7 | 39.1 |
| | 4H | 26.1 | 27.6 | 26.5 | 27.9 | 28.3 | 38.5 | 40.0 | 38.9 | 40.3 | 40.7 |
| | 6H | 26.1 | 27.5 | 26.5 | 27.9 | 28.3 | 39.4 | 40.8 | 39.8 | 41.1 | 41.5 |
| | 8H | 26.1 | 27.5 | 26.6 | 27.8 | 28.2 | 39.5 | 40.8 | 40.0 | 41.2 | 41.6 |
| | 12H | 26.1 | 27.4 | 26.5 | 27.8 | 28.2 | 39.6 | 40.8 | 40.0 | 41.2 | 41.6 |
| 4H | 2H | 28.8 | 30.3 | 29.2 | 30.7 | 31.0 | 33.3 | 34.8 | 33.7 | 35.2 | 35.5 |
| | 3H | 29.1 | 30.3 | 29.5 | 30.7 | 31.1 | 37.3 | 38.6 | 37.7 | 39.0 | 39.4 |
| | 4H | 29.1 | 30.2 | 29.5 | 30.6 | 31.1 | 39.5 | 40.6 | 39.9 | 41.0 | 41.5 |
| | 6H | 29.1 | 30.1 | 29.5 | 30.5 | 31.0 | 40.8 | 41.8 | 41.2 | 42.2 | 42.7 |
| | 8H | 29.1 | 30.0 | 29.5 | 30.5 | 30.9 | 41.0 | 41.9 | 41.4 | 42.3 | 42.8 |
| | 12H | 29.1 | 29.9 | 29.6 | 30.4 | 30.9 | 41.0 | 41.9 | 41.5 | 42.4 | 42.8 |
| 8H | 4H | 30.7 | 31.7 | 31.2 | 32.1 | 32.6 | 39.5 | 40.4 | 40.0 | 40.9 | 41.3 |
| | 6H | 30.7 | 31.5 | 31.2 | 32.0 | 32.5 | 41.0 | 41.8 | 41.5 | 42.3 | 42.7 |
| | 8H | 30.7 | 31.4 | 31.2 | 31.9 | 32.4 | 41.3 | 42.0 | 41.8 | 42.5 | 43.0 |
| | 12H | 30.7 | 31.3 | 31.2 | 31.8 | 32.4 | 41.4 | 42.1 | 41.9 | 42.6 | 43.1 |
| 12H | 4H | 31.7 | 32.5 | 32.1 | 33.0 | 33.5 | 39.5 | 40.3 | 39.9 | 40.8 | 41.3 |
| | 6H | 31.7 | 32.4 | 32.2 | 32.8 | 33.4 | 41.0 | 41.7 | 41.5 | 42.1 | 42.7 |
| | 8H | 31.7 | 32.3 | 32.2 | 32.8 | 33.3 | 41.3 | 41.9 | 41.8 | 42.4 | 43.0 |

Maximum UGR = 43.1

POLAR GRAPH



Maximum Candela = 6460.2 Located At Horizontal Angle = 90, Vertical Angle = 67
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (67) (Through Max. Cd.)