

IES INDOOR REPORT

PHOTOMETRIC FILENAME : MPLSEL25HTT5HV-14000LM3K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3221028-49931E-EE
[TESTLAB] Bay Area Compliance Labs Corp.
[TESTDATE] 2022-11-01
[ISSUEDATE] 2022-11-30 19:25:03
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] MPLSEL25HTT5HV-14000LM3K
[LAMP] N/A

CHARACTERISTICS

| | |
|---------------------------------|-----------------|
| Lumens Per Lamp | N.A. (absolute) |
| Total Lamp Lumens | N.A. (absolute) |
| Luminaire Lumens | 13916 |
| Total Luminaire Efficiency | N.A. |
| Luminaire Efficacy Rating (LER) | 142 |
| Total Luminaire Watts | 98.2 |
| 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 | 127424 | 117339 | 104831 |
| 55 | 131753 | 118218 | 109766 |
| 65 | 101737 | 107695 | 112806 |
| 75 | 34309 | 31683 | 51522 |
| 85 | 8137 | 7026 | 6354 |

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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 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 |
| 1 | 4207.60 | 4204.45 | 4199.54 | 4192.29 | 4184.70 | 4177.73 | 4172.04 | 4168.98 | 4168.78 | 4171.61 |
| 2 | 4226.04 | 4220.19 | 4209.83 | 4195.16 | 4179.41 | 4165.88 | 4155.53 | 4149.44 | 4149.46 | 4154.65 |
| 3 | 4244.29 | 4235.30 | 4219.18 | 4197.51 | 4173.72 | 4153.65 | 4138.08 | 4129.37 | 4128.97 | 4137.43 |
| 4 | 4262.16 | 4249.61 | 4228.06 | 4198.64 | 4166.85 | 4140.35 | 4120.48 | 4108.99 | 4108.81 | 4120.11 |
| 5 | 4279.99 | 4263.06 | 4234.56 | 4198.86 | 4159.51 | 4127.08 | 4102.31 | 4089.28 | 4089.35 | 4102.88 |
| 6 | 4298.23 | 4275.79 | 4240.94 | 4198.02 | 4151.65 | 4113.45 | 4084.48 | 4068.85 | 4069.62 | 4086.08 |
| 7 | 4316.48 | 4288.14 | 4246.65 | 4196.50 | 4142.52 | 4098.85 | 4066.52 | 4048.91 | 4050.62 | 4069.52 |
| 8 | 4334.57 | 4300.24 | 4250.92 | 4193.33 | 4132.41 | 4085.19 | 4048.63 | 4029.80 | 4032.00 | 4053.45 |
| 9 | 4351.48 | 4310.83 | 4254.66 | 4189.20 | 4121.56 | 4070.15 | 4031.63 | 4011.01 | 4013.71 | 4037.83 |
| 10 | 4367.37 | 4320.49 | 4257.25 | 4183.85 | 4109.50 | 4054.87 | 4014.22 | 3992.71 | 3996.07 | 4021.70 |
| 11 | 4381.46 | 4329.39 | 4257.93 | 4177.62 | 4096.69 | 4039.29 | 3997.13 | 3974.10 | 3978.13 | 4005.40 |
| 12 | 4394.42 | 4337.13 | 4256.89 | 4169.94 | 4083.77 | 4023.16 | 3979.98 | 3955.26 | 3960.35 | 3989.16 |
| 13 | 4405.15 | 4343.94 | 4255.58 | 4161.21 | 4069.10 | 4005.92 | 3962.47 | 3936.01 | 3941.93 | 3972.76 |
| 14 | 4414.36 | 4348.98 | 4253.20 | 4151.64 | 4053.29 | 3987.87 | 3943.97 | 3917.58 | 3923.53 | 3955.44 |
| 15 | 4421.85 | 4352.40 | 4248.92 | 4140.06 | 4036.81 | 3969.29 | 3924.60 | 3898.79 | 3905.64 | 3938.15 |
| 16 | 4427.02 | 4354.13 | 4242.55 | 4126.76 | 4018.91 | 3949.86 | 3904.05 | 3879.59 | 3888.16 | 3920.72 |
| 17 | 4431.33 | 4354.59 | 4235.27 | 4112.67 | 3999.56 | 3928.52 | 3884.02 | 3861.07 | 3871.22 | 3903.97 |
| 18 | 4433.77 | 4352.92 | 4226.22 | 4096.53 | 3980.49 | 3906.71 | 3863.48 | 3842.69 | 3854.12 | 3887.52 |
| 19 | 4434.26 | 4349.89 | 4215.95 | 4079.52 | 3959.84 | 3884.12 | 3841.33 | 3822.93 | 3836.74 | 3870.63 |
| 20 | 4432.98 | 4344.07 | 4202.09 | 4060.49 | 3937.79 | 3861.15 | 3819.04 | 3802.07 | 3818.80 | 3852.86 |
| 21 | 4429.99 | 4335.66 | 4186.37 | 4040.58 | 3915.01 | 3835.82 | 3795.39 | 3780.69 | 3800.39 | 3834.67 |
| 22 | 4424.58 | 4324.69 | 4167.82 | 4019.58 | 3892.16 | 3809.72 | 3769.94 | 3759.30 | 3782.11 | 3816.64 |
| 23 | 4414.65 | 4311.02 | 4147.46 | 3997.57 | 3867.80 | 3783.68 | 3744.13 | 3736.32 | 3762.75 | 3798.20 |
| 24 | 4402.50 | 4294.83 | 4127.09 | 3974.36 | 3841.47 | 3756.80 | 3718.30 | 3712.33 | 3743.28 | 3779.75 |
| 25 | 4385.94 | 4276.74 | 4105.78 | 3948.68 | 3814.50 | 3729.76 | 3692.35 | 3689.40 | 3723.82 | 3759.84 |
| 26 | 4366.73 | 4257.70 | 4084.54 | 3922.56 | 3786.41 | 3701.46 | 3667.16 | 3664.39 | 3702.59 | 3739.57 |
| 27 | 4345.42 | 4238.05 | 4061.97 | 3895.15 | 3758.46 | 3673.53 | 3643.25 | 3638.98 | 3681.02 | 3718.86 |
| 28 | 4322.98 | 4217.54 | 4038.61 | 3867.73 | 3728.75 | 3645.80 | 3618.62 | 3613.26 | 3657.98 | 3695.52 |
| 29 | 4300.01 | 4195.85 | 4014.11 | 3838.33 | 3698.11 | 3616.94 | 3594.33 | 3588.65 | 3635.40 | 3670.18 |
| 30 | 4276.03 | 4173.96 | 3988.47 | 3807.90 | 3667.07 | 3588.45 | 3569.63 | 3565.36 | 3612.82 | 3645.44 |
| 31 | 4251.86 | 4151.02 | 3962.67 | 3777.24 | 3634.80 | 3559.51 | 3544.84 | 3542.77 | 3590.04 | 3621.78 |
| 32 | 4225.99 | 4126.71 | 3936.03 | 3745.46 | 3601.43 | 3531.24 | 3519.65 | 3520.24 | 3568.55 | 3598.61 |
| 33 | 4199.91 | 4100.82 | 3908.73 | 3713.12 | 3567.19 | 3501.00 | 3493.06 | 3497.68 | 3547.17 | 3575.31 |
| 34 | 4172.52 | 4073.81 | 3880.54 | 3678.59 | 3533.21 | 3471.13 | 3466.93 | 3474.32 | 3526.13 | 3552.25 |
| 35 | 4143.92 | 4046.19 | 3852.08 | 3645.96 | 3497.76 | 3439.93 | 3439.48 | 3451.18 | 3504.75 | 3528.56 |
| 36 | 4113.28 | 4016.67 | 3821.24 | 3611.75 | 3461.73 | 3408.76 | 3412.17 | 3427.44 | 3482.56 | 3504.84 |
| 37 | 4082.89 | 3985.96 | 3790.02 | 3577.39 | 3426.67 | 3376.47 | 3383.81 | 3403.73 | 3459.80 | 3480.95 |
| 38 | 4051.01 | 3954.01 | 3757.08 | 3541.57 | 3389.40 | 3343.38 | 3355.69 | 3379.36 | 3437.12 | 3458.08 |
| 39 | 4017.00 | 3919.71 | 3724.10 | 3505.93 | 3352.45 | 3309.98 | 3325.43 | 3353.91 | 3414.29 | 3434.94 |
| 40 | 3982.59 | 3884.23 | 3689.73 | 3470.00 | 3314.17 | 3275.72 | 3295.40 | 3328.65 | 3390.67 | 3412.39 |
| 41 | 3945.98 | 3848.14 | 3653.04 | 3432.13 | 3275.85 | 3241.14 | 3264.15 | 3302.96 | 3366.81 | 3389.50 |
| 42 | 3908.25 | 3810.23 | 3615.00 | 3393.58 | 3236.25 | 3205.81 | 3233.48 | 3276.78 | 3341.97 | 3366.52 |
| 43 | 3868.29 | 3770.81 | 3573.57 | 3354.59 | 3196.11 | 3169.19 | 3200.80 | 3250.19 | 3315.80 | 3342.58 |
| 44 | 3827.13 | 3729.26 | 3531.56 | 3314.76 | 3156.14 | 3132.59 | 3168.11 | 3222.20 | 3289.36 | 3319.04 |
| 45 | 3785.90 | 3686.86 | 3486.26 | 3273.18 | 3114.63 | 3094.29 | 3134.53 | 3193.91 | 3260.82 | 3293.73 |
| 46 | 3743.08 | 3642.33 | 3438.03 | 3229.87 | 3073.33 | 3055.88 | 3101.66 | 3163.68 | 3231.45 | 3268.14 |
| 47 | 3699.92 | 3594.96 | 3387.49 | 3185.07 | 3030.45 | 3015.20 | 3066.53 | 3132.47 | 3200.81 | 3240.88 |
| 48 | 3654.60 | 3544.32 | 3332.22 | 3137.46 | 2987.14 | 2973.94 | 3029.53 | 3099.65 | 3168.30 | 3212.44 |
| 49 | 3607.47 | 3491.42 | 3273.36 | 3086.81 | 2943.90 | 2931.05 | 2991.22 | 3066.68 | 3134.89 | 3182.88 |
| 50 | 3558.86 | 3437.60 | 3213.22 | 3035.29 | 2897.93 | 2887.60 | 2952.23 | 3032.97 | 3099.42 | 3152.96 |
| 51 | 3503.16 | 3378.30 | 3148.07 | 2980.37 | 2852.05 | 2842.91 | 2910.63 | 2998.14 | 3060.76 | 3121.56 |
| 52 | 3435.20 | 3315.82 | 3079.08 | 2923.17 | 2802.26 | 2797.19 | 2866.40 | 2961.31 | 3013.51 | 3088.55 |
| 53 | 3359.60 | 3246.63 | 3006.68 | 2862.09 | 2752.42 | 2750.41 | 2819.40 | 2919.19 | 2959.89 | 3055.17 |

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CANDELA TABULATION - (Cont.)

| | | | | | | | | | | |
|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 54 | 3272.00 | 3168.63 | 2929.06 | 2799.62 | 2699.28 | 2700.56 | 2768.10 | 2868.05 | 2898.06 | 3015.58 |
| 55 | 3175.30 | 3076.25 | 2849.11 | 2734.58 | 2645.42 | 2649.56 | 2713.51 | 2807.57 | 2832.32 | 2969.98 |
| 56 | 3070.06 | 2974.06 | 2766.16 | 2665.18 | 2590.37 | 2596.64 | 2654.89 | 2738.88 | 2765.73 | 2916.34 |
| 57 | 2963.00 | 2858.92 | 2680.28 | 2594.71 | 2534.59 | 2541.32 | 2592.97 | 2664.74 | 2702.84 | 2855.50 |
| 58 | 2853.40 | 2737.18 | 2592.07 | 2520.75 | 2475.97 | 2483.75 | 2525.51 | 2588.42 | 2647.31 | 2787.71 |
| 59 | 2739.49 | 2610.86 | 2503.26 | 2445.66 | 2415.52 | 2423.69 | 2450.98 | 2512.86 | 2600.44 | 2716.74 |
| 60 | 2623.37 | 2485.92 | 2413.12 | 2367.47 | 2354.89 | 2363.74 | 2370.89 | 2437.78 | 2562.29 | 2651.22 |
| 61 | 2493.40 | 2357.67 | 2321.14 | 2286.32 | 2293.33 | 2300.42 | 2280.22 | 2363.03 | 2530.93 | 2588.99 |
| 62 | 2348.56 | 2232.79 | 2225.27 | 2200.72 | 2231.19 | 2233.20 | 2183.00 | 2291.99 | 2499.11 | 2527.85 |
| 63 | 2183.33 | 2106.52 | 2126.13 | 2113.20 | 2165.59 | 2164.24 | 2081.96 | 2219.01 | 2459.84 | 2467.45 |
| 64 | 1999.87 | 1970.46 | 2021.71 | 2027.25 | 2091.49 | 2091.26 | 1977.91 | 2140.02 | 2407.48 | 2403.22 |
| 65 | 1806.60 | 1819.99 | 1912.39 | 1938.53 | 2003.16 | 2015.24 | 1880.72 | 2052.66 | 2333.57 | 2331.08 |
| 66 | 1617.25 | 1662.59 | 1804.84 | 1845.39 | 1901.90 | 1930.72 | 1793.92 | 1959.18 | 2240.50 | 2241.27 |
| 67 | 1443.42 | 1498.52 | 1691.71 | 1740.07 | 1784.87 | 1834.21 | 1717.11 | 1859.19 | 2124.88 | 2132.40 |
| 68 | 1292.34 | 1340.09 | 1571.19 | 1628.46 | 1648.40 | 1723.55 | 1653.19 | 1756.51 | 1992.53 | 2003.46 |
| 69 | 1152.70 | 1176.74 | 1432.55 | 1505.57 | 1484.34 | 1602.50 | 1597.80 | 1651.50 | 1843.54 | 1871.88 |
| 70 | 1021.74 | 1015.10 | 1256.55 | 1359.26 | 1320.29 | 1459.58 | 1538.58 | 1545.56 | 1676.48 | 1739.95 |
| 71 | 885.66 | 851.94 | 1045.95 | 1185.97 | 1155.72 | 1316.66 | 1457.39 | 1412.15 | 1487.71 | 1608.06 |
| 72 | 744.05 | 694.82 | 817.36 | 993.85 | 957.02 | 1172.19 | 1314.70 | 1278.73 | 1298.93 | 1459.18 |
| 73 | 611.82 | 582.21 | 624.06 | 789.23 | 789.83 | 975.30 | 1171.89 | 1145.24 | 1110.14 | 1310.31 |
| 74 | 492.41 | 470.80 | 484.05 | 607.47 | 663.91 | 766.04 | 945.26 | 953.92 | 904.69 | 1160.74 |
| 75 | 373.11 | 359.39 | 344.55 | 493.78 | 560.30 | 588.65 | 698.82 | 729.28 | 702.79 | 956.21 |
| 76 | 306.45 | 289.73 | 257.12 | 380.73 | 465.05 | 455.53 | 465.55 | 514.62 | 543.42 | 723.16 |
| 77 | 245.16 | 233.68 | 198.13 | 299.20 | 363.76 | 363.44 | 298.15 | 370.25 | 430.91 | 515.65 |
| 78 | 184.47 | 183.18 | 155.52 | 227.26 | 272.78 | 286.56 | 211.93 | 280.02 | 345.43 | 375.50 |
| 79 | 128.04 | 136.60 | 124.03 | 167.98 | 181.79 | 221.38 | 176.61 | 219.95 | 256.64 | 277.22 |
| 80 | 94.47 | 97.64 | 99.91 | 126.57 | 91.96 | 183.30 | 141.30 | 178.21 | 198.79 | 217.82 |
| 81 | 76.51 | 78.80 | 82.53 | 98.43 | 69.92 | 145.22 | 106.04 | 136.48 | 140.94 | 158.42 |
| 82 | 62.27 | 64.42 | 66.86 | 74.65 | 54.84 | 107.35 | 88.50 | 94.94 | 83.43 | 99.36 |
| 83 | 52.31 | 51.07 | 53.12 | 58.26 | 43.91 | 87.22 | 74.15 | 74.37 | 64.20 | 77.15 |
| 84 | 42.46 | 37.74 | 39.43 | 42.00 | 32.26 | 64.96 | 59.10 | 56.86 | 44.97 | 60.57 |
| 85 | 29.80 | 24.40 | 25.73 | 25.75 | 23.27 | 44.00 | 41.14 | 37.87 | 29.91 | 45.52 |
| 86 | 18.43 | 14.10 | 15.46 | 15.97 | 15.84 | 29.67 | 27.58 | 18.89 | 14.85 | 30.47 |
| 87 | 8.93 | 6.77 | 7.01 | 7.93 | 8.42 | 15.33 | 14.02 | 0.46 | 0.24 | 15.42 |
| 88 | 6.16 | 3.87 | 3.96 | 5.56 | 1.08 | 1.11 | 0.56 | 0.30 | 0.23 | 0.49 |
| 89 | 3.55 | 1.07 | 1.06 | 3.34 | 0.40 | 0.38 | 0.34 | 0.30 | 0.26 | 0.27 |
| 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-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 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 | 4188.45 |
| 1 | 4177.07 | 4183.63 | 4192.09 | 4198.93 | 4204.29 | 4207.45 | 4207.60 |
| 2 | 4165.19 | 4178.33 | 4194.10 | 4208.61 | 4218.97 | 4225.41 | 4226.04 |
| 3 | 4152.55 | 4172.88 | 4196.02 | 4217.34 | 4234.07 | 4243.46 | 4244.29 |
| 4 | 4140.33 | 4166.68 | 4197.57 | 4226.40 | 4249.12 | 4262.07 | 4262.16 |
| 5 | 4127.51 | 4159.60 | 4198.66 | 4235.05 | 4264.04 | 4280.25 | 4279.99 |
| 6 | 4114.53 | 4152.57 | 4200.15 | 4243.78 | 4277.88 | 4299.19 | 4298.23 |
| 7 | 4101.26 | 4144.41 | 4200.40 | 4251.26 | 4291.48 | 4317.41 | 4316.48 |
| 8 | 4088.88 | 4135.98 | 4199.56 | 4257.01 | 4304.26 | 4335.46 | 4334.57 |
| 9 | 4076.04 | 4126.92 | 4197.40 | 4261.23 | 4315.27 | 4352.00 | 4351.48 |
| 10 | 4062.53 | 4117.68 | 4194.20 | 4263.83 | 4324.73 | 4367.00 | 4367.37 |
| 11 | 4048.82 | 4107.25 | 4190.11 | 4264.51 | 4332.32 | 4380.45 | 4381.46 |
| 12 | 4034.48 | 4096.50 | 4184.55 | 4263.89 | 4338.15 | 4392.11 | 4394.42 |
| 13 | 4019.61 | 4085.39 | 4177.80 | 4262.38 | 4342.59 | 4402.61 | 4405.15 |
| 14 | 4004.00 | 4073.73 | 4169.92 | 4259.12 | 4344.79 | 4410.77 | 4414.36 |
| 15 | 3988.22 | 4061.51 | 4161.60 | 4254.64 | 4346.52 | 4416.37 | 4421.85 |
| 16 | 3972.91 | 4049.30 | 4151.36 | 4248.24 | 4347.17 | 4420.04 | 4427.02 |
| 17 | 3956.88 | 4036.35 | 4140.19 | 4241.38 | 4345.93 | 4422.01 | 4431.33 |
| 18 | 3941.27 | 4022.36 | 4128.32 | 4232.95 | 4342.32 | 4423.33 | 4433.77 |
| 19 | 3925.70 | 4007.02 | 4114.98 | 4223.20 | 4337.12 | 4422.93 | 4434.26 |
| 20 | 3909.70 | 3991.34 | 4100.21 | 4211.92 | 4330.63 | 4419.95 | 4432.98 |
| 21 | 3893.78 | 3975.65 | 4084.90 | 4199.40 | 4322.20 | 4416.07 | 4429.99 |
| 22 | 3877.13 | 3959.33 | 4068.04 | 4184.85 | 4313.10 | 4410.87 | 4424.58 |
| 23 | 3860.80 | 3942.19 | 4050.43 | 4169.03 | 4301.84 | 4402.61 | 4414.65 |
| 24 | 3842.56 | 3925.02 | 4032.08 | 4152.56 | 4286.71 | 4391.49 | 4402.50 |
| 25 | 3823.10 | 3906.66 | 4012.48 | 4134.82 | 4269.46 | 4377.10 | 4385.94 |
| 26 | 3801.21 | 3887.46 | 3991.43 | 4115.46 | 4250.64 | 4360.93 | 4366.73 |
| 27 | 3778.79 | 3866.32 | 3969.84 | 4094.41 | 4230.61 | 4341.83 | 4345.42 |
| 28 | 3755.10 | 3844.78 | 3946.97 | 4071.65 | 4209.25 | 4320.79 | 4322.98 |
| 29 | 3730.19 | 3821.85 | 3923.26 | 4046.08 | 4187.09 | 4297.77 | 4300.01 |
| 30 | 3705.65 | 3798.80 | 3898.98 | 4018.65 | 4164.26 | 4274.13 | 4276.03 |
| 31 | 3680.68 | 3774.55 | 3874.65 | 3991.23 | 4140.72 | 4249.51 | 4251.86 |
| 32 | 3656.45 | 3749.75 | 3850.52 | 3963.93 | 4115.70 | 4224.12 | 4225.99 |
| 33 | 3633.33 | 3723.26 | 3824.89 | 3936.11 | 4090.47 | 4198.39 | 4199.91 |
| 34 | 3608.75 | 3697.34 | 3796.93 | 3906.74 | 4064.04 | 4170.13 | 4172.52 |
| 35 | 3583.58 | 3670.98 | 3767.87 | 3877.75 | 4036.28 | 4141.93 | 4143.92 |
| 36 | 3558.26 | 3644.06 | 3736.29 | 3846.05 | 4008.16 | 4112.45 | 4113.28 |

IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT5HV-14000LM3K.IES

CANDELA TABULATION - (Cont.)

| | | | | | | | |
|----|---------|---------|---------|---------|---------|---------|---------|
| 37 | 3533.51 | 3615.72 | 3704.70 | 3813.76 | 3979.53 | 4082.68 | 4082.89 |
| 38 | 3507.93 | 3585.26 | 3671.43 | 3779.44 | 3949.51 | 4050.93 | 4051.01 |
| 39 | 3482.05 | 3554.27 | 3637.57 | 3745.35 | 3918.05 | 4017.45 | 4017.00 |
| 40 | 3455.75 | 3523.95 | 3602.94 | 3710.72 | 3885.96 | 3983.55 | 3982.59 |
| 41 | 3429.20 | 3492.62 | 3568.11 | 3675.47 | 3852.45 | 3946.82 | 3945.98 |
| 42 | 3401.97 | 3460.72 | 3532.73 | 3638.41 | 3817.95 | 3909.50 | 3908.25 |
| 43 | 3373.47 | 3427.65 | 3495.02 | 3600.88 | 3780.36 | 3870.27 | 3868.29 |
| 44 | 3344.72 | 3394.46 | 3456.98 | 3562.09 | 3741.14 | 3829.53 | 3827.13 |
| 45 | 3316.04 | 3359.50 | 3418.03 | 3523.70 | 3701.24 | 3788.07 | 3785.90 |
| 46 | 3285.76 | 3323.69 | 3378.01 | 3482.31 | 3658.64 | 3743.20 | 3743.08 |
| 47 | 3255.89 | 3286.44 | 3337.06 | 3439.67 | 3614.95 | 3697.15 | 3699.92 |
| 48 | 3224.95 | 3248.09 | 3295.75 | 3395.40 | 3566.76 | 3649.84 | 3654.60 |
| 49 | 3194.65 | 3209.09 | 3252.62 | 3348.72 | 3516.29 | 3599.26 | 3607.47 |
| 50 | 3161.71 | 3169.54 | 3210.03 | 3301.97 | 3463.93 | 3548.73 | 3558.86 |
| 51 | 3130.10 | 3129.05 | 3165.23 | 3251.32 | 3407.63 | 3493.94 | 3503.16 |
| 52 | 3095.14 | 3087.10 | 3118.07 | 3199.33 | 3348.68 | 3435.40 | 3435.20 |
| 53 | 3061.06 | 3044.42 | 3070.47 | 3144.92 | 3286.07 | 3372.57 | 3359.60 |
| 54 | 3024.28 | 2998.99 | 3020.93 | 3087.99 | 3220.24 | 3297.63 | 3272.00 |
| 55 | 2986.83 | 2952.47 | 2970.64 | 3026.85 | 3150.35 | 3213.17 | 3175.30 |
| 56 | 2946.19 | 2903.86 | 2918.09 | 2963.17 | 3076.38 | 3117.55 | 3070.06 |
| 57 | 2902.41 | 2854.02 | 2863.56 | 2897.53 | 2996.89 | 3011.16 | 2963.00 |
| 58 | 2855.20 | 2803.20 | 2808.74 | 2829.74 | 2912.01 | 2895.45 | 2853.40 |
| 59 | 2803.65 | 2751.92 | 2753.02 | 2760.13 | 2823.63 | 2777.47 | 2739.49 |
| 60 | 2749.87 | 2700.57 | 2696.92 | 2687.66 | 2731.06 | 2660.85 | 2623.37 |
| 61 | 2687.40 | 2646.58 | 2636.76 | 2612.32 | 2631.70 | 2542.09 | 2493.40 |
| 62 | 2613.56 | 2589.78 | 2574.27 | 2533.69 | 2523.08 | 2422.85 | 2348.56 |
| 63 | 2527.19 | 2529.64 | 2509.29 | 2450.53 | 2407.44 | 2302.50 | 2183.33 |
| 64 | 2427.00 | 2465.02 | 2443.05 | 2361.40 | 2288.76 | 2174.11 | 1999.87 |
| 65 | 2314.75 | 2393.75 | 2379.15 | 2270.43 | 2166.22 | 2032.93 | 1806.60 |
| 66 | 2192.88 | 2317.49 | 2314.44 | 2174.56 | 2050.79 | 1877.64 | 1617.25 |
| 67 | 2070.79 | 2239.45 | 2244.57 | 2079.56 | 1942.59 | 1714.95 | 1443.42 |
| 68 | 1948.98 | 2157.55 | 2173.54 | 1985.38 | 1845.77 | 1560.41 | 1292.34 |
| 69 | 1838.83 | 2065.18 | 2094.23 | 1888.83 | 1760.17 | 1416.99 | 1152.70 |
| 70 | 1742.60 | 1961.27 | 2005.18 | 1792.43 | 1670.67 | 1276.25 | 1021.74 |
| 71 | 1657.99 | 1849.24 | 1902.25 | 1693.04 | 1563.95 | 1130.62 | 885.66 |
| 72 | 1580.04 | 1729.27 | 1785.86 | 1591.91 | 1428.45 | 976.82 | 744.05 |
| 73 | 1504.63 | 1604.15 | 1653.84 | 1487.17 | 1269.88 | 811.25 | 611.82 |
| 74 | 1360.51 | 1455.72 | 1497.22 | 1364.07 | 1072.76 | 656.66 | 492.41 |
| 75 | 1216.38 | 1307.29 | 1294.12 | 1210.17 | 844.04 | 538.60 | 373.11 |
| 76 | 1071.74 | 1158.71 | 1055.75 | 1003.78 | 628.36 | 420.88 | 306.45 |
| 77 | 821.16 | 937.00 | 821.83 | 759.53 | 494.86 | 303.16 | 245.16 |
| 78 | 553.12 | 665.71 | 649.20 | 599.54 | 362.33 | 241.48 | 184.47 |
| 79 | 332.19 | 464.52 | 519.41 | 439.81 | 229.80 | 189.10 | 128.04 |
| 80 | 209.97 | 345.03 | 389.75 | 280.09 | 172.22 | 137.14 | 94.47 |
| 81 | 161.28 | 244.99 | 260.09 | 204.79 | 133.21 | 98.66 | 76.51 |
| 82 | 112.70 | 193.07 | 126.45 | 143.70 | 102.46 | 76.51 | 62.27 |
| 83 | 82.39 | 141.15 | 86.28 | 100.65 | 78.35 | 62.23 | 52.31 |
| 84 | 63.18 | 90.20 | 67.97 | 72.33 | 61.78 | 48.15 | 42.46 |
| 85 | 50.08 | 72.00 | 54.33 | 56.79 | 49.40 | 34.06 | 29.80 |
| 86 | 38.27 | 55.40 | 40.75 | 41.45 | 37.08 | 22.45 | 18.43 |
| 87 | 25.99 | 38.82 | 27.17 | 26.11 | 23.47 | 12.79 | 8.93 |
| 88 | 13.70 | 26.17 | 17.77 | 15.19 | 11.50 | 5.59 | 6.16 |
| 89 | 1.60 | 13.53 | 9.04 | 7.25 | 7.92 | 3.24 | 3.55 |
| 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-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 : MPLSEL25HTT5HV-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 : MPLSEL25HTT5HV-14000LM3K.IES

ZONAL LUMEN SUMMARY

| Zone | Lumens | %Lamp | %Fixt |
|---------|----------|-------|--------|
| 0-20 | 1566.53 | N.A. | 11.30 |
| 0-30 | 3402.61 | N.A. | 24.50 |
| 0-40 | 5738.05 | N.A. | 41.20 |
| 0-60 | 10964.12 | N.A. | 78.80 |
| 0-80 | 13856.75 | N.A. | 99.60 |
| 0-90 | 13916.42 | N.A. | 100.00 |
| 10-90 | 13517.73 | N.A. | 97.10 |
| 20-40 | 4171.53 | N.A. | 30.00 |
| 20-50 | 6797.48 | N.A. | 48.80 |
| 40-70 | 7284.37 | N.A. | 52.30 |
| 60-80 | 2892.63 | N.A. | 20.80 |
| 70-80 | 834.32 | N.A. | 6.00 |
| 80-90 | 59.67 | 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 | 13916.42 | N.A. | 100.00 |

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

| Zone | Lumens |
|---------|---------|
| 0-10 | 398.70 |
| 10-20 | 1167.83 |
| 20-30 | 1836.09 |
| 30-40 | 2335.44 |
| 40-50 | 2625.95 |
| 50-60 | 2600.11 |
| 60-70 | 2058.31 |
| 70-80 | 834.32 |
| 80-90 | 59.67 |
| 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-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 | 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 |

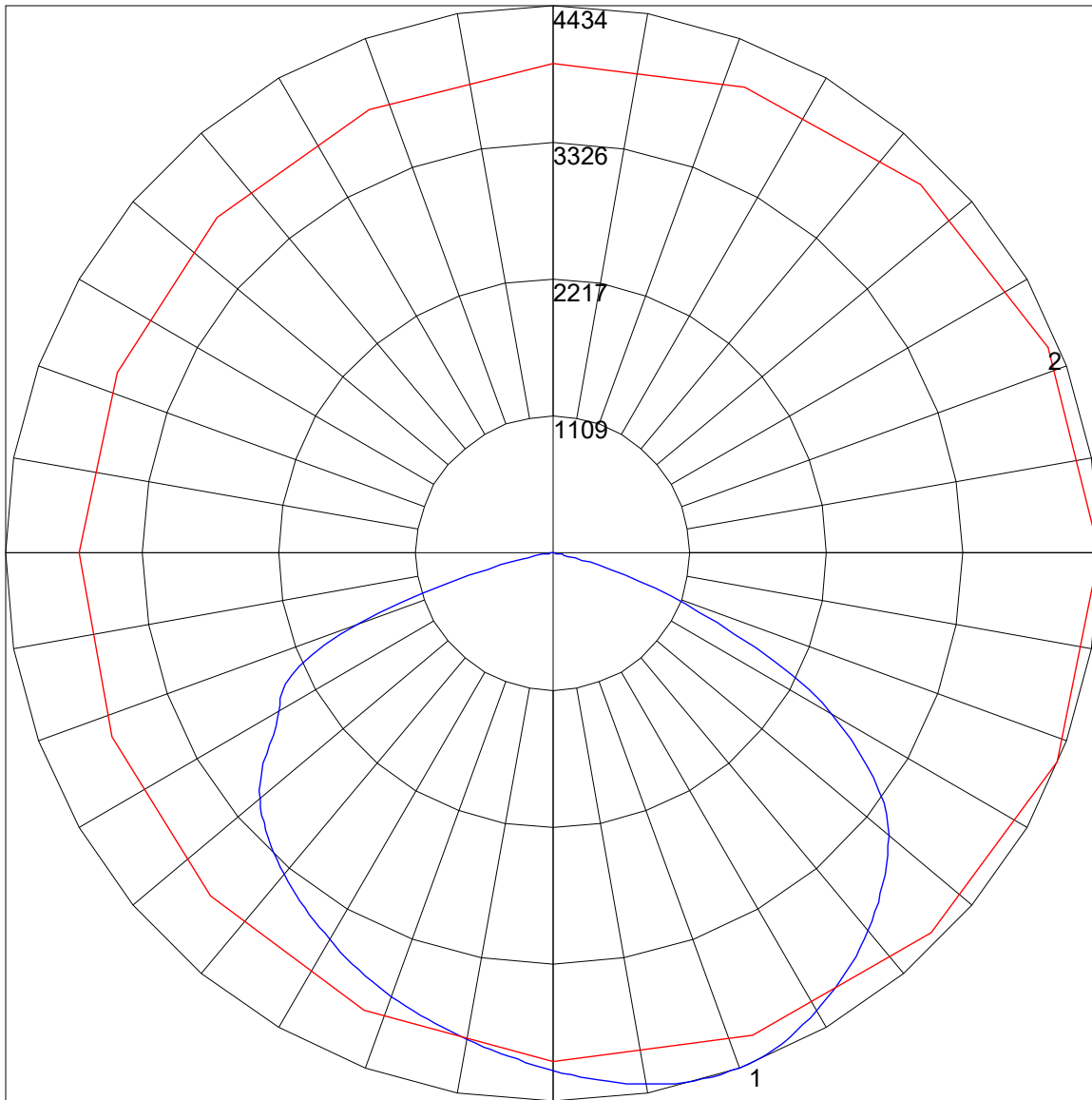
IES INDOOR REPORT
PHOTOMETRIC FILENAME : MPLSEL25HTT5HV-14000LM3K.IES

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 | 29.8 | 31.5 | 30.1 | 31.8 | 32.1 | 28.9 | 30.6 | 29.3 | 30.9 | 31.2 |
| | 3H | 30.8 | 32.3 | 31.2 | 32.7 | 33.0 | 30.7 | 32.3 | 31.1 | 32.6 | 32.9 |
| | 4H | 30.9 | 32.3 | 31.3 | 32.7 | 33.1 | 31.0 | 32.4 | 31.4 | 32.7 | 33.1 |
| | 6H | 30.9 | 32.2 | 31.3 | 32.6 | 33.0 | 31.0 | 32.3 | 31.4 | 32.7 | 33.1 |
| | 8H | 30.9 | 32.1 | 31.3 | 32.5 | 32.9 | 31.0 | 32.2 | 31.4 | 32.6 | 33.0 |
| | 12H | 30.9 | 32.1 | 31.3 | 32.4 | 32.9 | 30.9 | 32.1 | 31.4 | 32.5 | 33.0 |
| 4H | 2H | 30.4 | 31.8 | 30.8 | 32.2 | 32.5 | 29.6 | 31.0 | 30.0 | 31.3 | 31.7 |
| | 3H | 31.6 | 32.8 | 32.0 | 33.2 | 33.6 | 31.6 | 32.7 | 32.0 | 33.1 | 33.5 |
| | 4H | 31.7 | 32.8 | 32.1 | 33.2 | 33.6 | 31.8 | 32.9 | 32.2 | 33.3 | 33.7 |
| | 6H | 31.7 | 32.7 | 32.2 | 33.1 | 33.6 | 31.8 | 32.8 | 32.3 | 33.2 | 33.7 |
| | 8H | 31.7 | 32.6 | 32.2 | 33.0 | 33.5 | 31.8 | 32.7 | 32.3 | 33.1 | 33.6 |
| | 12H | 31.7 | 32.5 | 32.2 | 32.9 | 33.4 | 31.8 | 32.6 | 32.3 | 33.1 | 33.5 |
| 8H | 4H | 31.9 | 32.7 | 32.3 | 33.2 | 33.6 | 31.9 | 32.8 | 32.3 | 33.2 | 33.7 |
| | 6H | 31.9 | 32.6 | 32.4 | 33.1 | 33.6 | 31.9 | 32.6 | 32.4 | 33.1 | 33.6 |
| | 8H | 31.8 | 32.5 | 32.4 | 33.0 | 33.5 | 31.9 | 32.5 | 32.4 | 33.0 | 33.5 |
| | 12H | 31.8 | 32.4 | 32.3 | 32.9 | 33.5 | 31.9 | 32.5 | 32.4 | 32.9 | 33.5 |
| 12H | 4H | 31.9 | 32.6 | 32.3 | 33.1 | 33.6 | 31.9 | 32.6 | 32.3 | 33.1 | 33.6 |
| | 6H | 31.9 | 32.5 | 32.4 | 33.0 | 33.5 | 31.9 | 32.5 | 32.4 | 33.0 | 33.5 |
| | 8H | 31.8 | 32.4 | 32.4 | 32.9 | 33.5 | 31.9 | 32.5 | 32.4 | 32.9 | 33.5 |

Maximum UGR = 33.7

POLAR GRAPH



Maximum Candela = 4434.26 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.)