



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
[TEST] GEN FROM 13323616.01  
[TESTLAB] UL Verification Services Inc.  
[ISSUEDATE] 07-16-2025  
[MANUFAC] H E WILLIAMS, INC.  
[LUMCAT] MX4D-8-00-L15-950-F-ASY-DIM-UNV  
[LUMINAIRE] 4 INCH WIDE CONTINUOUS LINEAR LED  
[MORE] WITH FLAT ACRYLIC LENS & ASSYMMETRIC DIST.  
[LAMP] LED  
[BALLAST] 0-10V LED DRIVER

### CHARACTERISTICS

|                                 |                 |
|---------------------------------|-----------------|
| Lumens Per Lamp                 | N.A. (absolute) |
| Total Lamp Lumens               | N.A. (absolute) |
| Luminaire Lumens                | 10359           |
| Total Luminaire Efficiency      | N.A.            |
| Luminaire Efficacy Rating (LER) | 93              |
| Total Luminaire Watts           | 111.2           |
| Ballast Factor                  | 1.00            |
| CIE Type                        | Direct          |
| Spacing Criterion (0-180)       | 1.24            |
| Spacing Criterion (90-270)      | 1.44            |
| Spacing Criterion (Diagonal)    | 1.36            |
| Basic Luminous Shape            | Rectangular     |
| Luminous Length (0-180)         | 8.00 ft         |
| Luminous Width (90-270)         | 0.33 ft         |
| Luminous Height                 | 0.00 ft         |

### LUMINANCE DATA (cd/sq.m)

| Angle In<br>Degrees | Average<br>0-Deg | Average<br>45-Deg | Average<br>90-Deg |
|---------------------|------------------|-------------------|-------------------|
| 45                  | 13437            | 16065             | 17052             |
| 55                  | 12774            | 15600             | 16646             |
| 65                  | 11888            | 14900             | 15981             |
| 75                  | 10277            | 13908             | 15170             |
| 85                  | 7484             | 12867             | 14954             |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**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> |
|------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 3734.627   | 3734.627    | 3734.627    | 3734.627    | 3734.627    | 3734.627     | 3734.627     | 3734.627     | 3734.627     | 3734.627     |
| 0.5  | 3741.156   | 3757.479    | 3732.995    | 3741.156    | 3742.788    | 3741.156     | 3732.995     | 3757.479     | 3741.156     | 3744.420     |
| 1.0  | 3741.156   | 3762.375    | 3742.788    | 3752.582    | 3755.846    | 3752.582     | 3742.788     | 3762.375     | 3741.156     | 3737.891     |
| 1.5  | 3741.156   | 3767.272    | 3754.214    | 3765.640    | 3770.537    | 3765.640     | 3754.214     | 3767.272     | 3741.156     | 3729.730     |
| 2.0  | 3737.891   | 3772.169    | 3762.375    | 3777.066    | 3783.595    | 3777.066     | 3762.375     | 3772.169     | 3737.891     | 3723.201     |
| 2.5  | 3737.891   | 3775.434    | 3770.537    | 3788.492    | 3795.021    | 3788.492     | 3770.537     | 3775.434     | 3737.891     | 3715.040     |
| 3.0  | 3734.627   | 3780.330    | 3778.698    | 3799.918    | 3806.447    | 3799.918     | 3778.698     | 3780.330     | 3734.627     | 3705.246     |
| 3.5  | 3732.995   | 3783.595    | 3786.859    | 3809.711    | 3817.873    | 3809.711     | 3786.859     | 3783.595     | 3732.995     | 3697.085     |
| 4.0  | 3731.362   | 3785.227    | 3793.389    | 3821.137    | 3827.666    | 3821.137     | 3793.389     | 3785.227     | 3731.362     | 3687.291     |
| 4.5  | 3726.466   | 3788.492    | 3799.918    | 3830.931    | 3839.092    | 3830.931     | 3799.918     | 3788.492     | 3726.466     | 3679.130     |
| 5.0  | 3723.201   | 3790.124    | 3806.447    | 3840.724    | 3848.886    | 3840.724     | 3806.447     | 3790.124     | 3723.201     | 3669.336     |
| 5.5  | 3719.936   | 3793.389    | 3812.976    | 3848.886    | 3858.679    | 3848.886     | 3812.976     | 3793.389     | 3719.936     | 3659.543     |
| 6.0  | 3715.040   | 3793.389    | 3817.873    | 3857.047    | 3868.473    | 3857.047     | 3817.873     | 3793.389     | 3715.040     | 3649.749     |
| 6.5  | 3710.143   | 3795.021    | 3822.769    | 3865.208    | 3876.634    | 3865.208     | 3822.769     | 3795.021     | 3710.143     | 3638.323     |
| 7.0  | 3705.246   | 3795.021    | 3826.034    | 3873.370    | 3888.060    | 3873.370     | 3826.034     | 3795.021     | 3705.246     | 3628.530     |
| 7.5  | 3698.717   | 3793.389    | 3830.931    | 3879.899    | 3896.221    | 3879.899     | 3830.931     | 3793.389     | 3698.717     | 3617.104     |
| 8.0  | 3692.188   | 3793.389    | 3835.827    | 3886.428    | 3904.383    | 3886.428     | 3835.827     | 3793.389     | 3692.188     | 3605.678     |
| 8.5  | 3685.659   | 3791.756    | 3839.092    | 3892.957    | 3912.544    | 3892.957     | 3839.092     | 3791.756     | 3685.659     | 3594.252     |
| 9.0  | 3680.762   | 3790.124    | 3840.724    | 3897.854    | 3919.073    | 3897.854     | 3840.724     | 3790.124     | 3680.762     | 3581.194     |
| 9.5  | 3672.601   | 3788.492    | 3843.989    | 3902.750    | 3927.234    | 3902.750     | 3843.989     | 3788.492     | 3672.601     | 3569.768     |
| 10.0 | 3664.439   | 3785.227    | 3845.621    | 3907.647    | 3932.131    | 3907.647     | 3845.621     | 3785.227     | 3664.439     | 3558.342     |
| 10.5 | 3656.278   | 3783.595    | 3848.886    | 3914.176    | 3938.660    | 3914.176     | 3848.886     | 3783.595     | 3656.278     | 3545.284     |
| 11.0 | 3648.117   | 3780.330    | 3848.886    | 3917.441    | 3943.557    | 3917.441     | 3848.886     | 3780.330     | 3648.117     | 3533.858     |
| 11.5 | 3638.323   | 3777.066    | 3848.886    | 3920.705    | 3945.189    | 3920.705     | 3848.886     | 3777.066     | 3638.323     | 3520.800     |
| 12.0 | 3630.162   | 3772.169    | 3848.886    | 3923.970    | 3950.086    | 3923.970     | 3848.886     | 3772.169     | 3630.162     | 3506.110     |
| 12.5 | 3620.368   | 3768.904    | 3847.253    | 3925.602    | 3951.718    | 3925.602     | 3847.253     | 3768.904     | 3620.368     | 3493.051     |
| 13.0 | 3610.575   | 3764.008    | 3847.253    | 3928.867    | 3954.983    | 3928.867     | 3847.253     | 3764.008     | 3610.575     | 3479.993     |
| 13.5 | 3600.781   | 3759.111    | 3845.621    | 3928.867    | 3954.983    | 3928.867     | 3845.621     | 3759.111     | 3600.781     | 3465.303     |
| 14.0 | 3590.987   | 3754.214    | 3843.989    | 3928.867    | 3954.983    | 3928.867     | 3843.989     | 3754.214     | 3590.987     | 3452.245     |
| 14.5 | 3579.562   | 3747.685    | 3840.724    | 3928.867    | 3954.983    | 3928.867     | 3840.724     | 3747.685     | 3579.562     | 3437.554     |
| 15.0 | 3568.136   | 3741.156    | 3839.092    | 3928.867    | 3954.983    | 3928.867     | 3839.092     | 3741.156     | 3568.136     | 3421.232     |
| 15.5 | 3556.710   | 3734.627    | 3834.195    | 3925.602    | 3953.351    | 3925.602     | 3834.195     | 3734.627     | 3556.710     | 3406.541     |
| 16.0 | 3545.284   | 3726.466    | 3830.931    | 3923.970    | 3953.351    | 3923.970     | 3830.931     | 3726.466     | 3545.284     | 3390.219     |
| 16.5 | 3533.858   | 3719.936    | 3826.034    | 3920.705    | 3951.718    | 3920.705     | 3826.034     | 3719.936     | 3533.858     | 3375.528     |
| 17.0 | 3520.800   | 3711.775    | 3821.137    | 3917.441    | 3950.086    | 3917.441     | 3821.137     | 3711.775     | 3520.800     | 3357.573     |
| 17.5 | 3507.742   | 3703.614    | 3816.240    | 3914.176    | 3946.822    | 3914.176     | 3816.240     | 3703.614     | 3507.742     | 3341.251     |
| 18.0 | 3496.316   | 3693.820    | 3811.343    | 3910.912    | 3943.557    | 3910.912     | 3811.343     | 3693.820     | 3496.316     | 3324.928     |
| 18.5 | 3481.626   | 3685.659    | 3803.182    | 3906.015    | 3941.925    | 3906.015     | 3803.182     | 3685.659     | 3481.626     | 3308.605     |
| 19.0 | 3468.567   | 3674.233    | 3796.653    | 3902.750    | 3938.660    | 3902.750     | 3796.653     | 3674.233     | 3468.567     | 3290.650     |
| 19.5 | 3453.877   | 3664.439    | 3788.492    | 3896.221    | 3933.763    | 3896.221     | 3788.492     | 3664.439     | 3453.877     | 3272.695     |
| 20.0 | 3439.187   | 3653.014    | 3781.963    | 3891.325    | 3928.867    | 3891.325     | 3781.963     | 3653.014     | 3439.187     | 3254.740     |
| 20.5 | 3424.496   | 3641.588    | 3773.801    | 3884.795    | 3923.970    | 3884.795     | 3773.801     | 3641.588     | 3424.496     | 3236.785     |
| 21.0 | 3409.806   | 3630.162    | 3765.640    | 3879.899    | 3917.441    | 3879.899     | 3765.640     | 3630.162     | 3409.806     | 3218.831     |
| 21.5 | 3393.483   | 3617.104    | 3755.846    | 3873.370    | 3909.279    | 3873.370     | 3755.846     | 3617.104     | 3393.483     | 3200.876     |
| 22.0 | 3378.793   | 3605.678    | 3746.053    | 3865.208    | 3902.750    | 3865.208     | 3746.053     | 3605.678     | 3378.793     | 3181.288     |
| 22.5 | 3362.470   | 3592.620    | 3736.259    | 3857.047    | 3894.589    | 3857.047     | 3736.259     | 3592.620     | 3362.470     | 3163.333     |
| 23.0 | 3346.147   | 3577.929    | 3724.833    | 3848.886    | 3884.795    | 3848.886     | 3724.833     | 3577.929     | 3346.147     | 3145.379     |
| 23.5 | 3328.192   | 3564.871    | 3715.040    | 3839.092    | 3876.634    | 3839.092     | 3715.040     | 3564.871     | 3328.192     | 3124.159     |
| 24.0 | 3311.870   | 3550.181    | 3703.614    | 3829.298    | 3868.473    | 3829.298     | 3703.614     | 3550.181     | 3311.870     | 3104.572     |
| 24.5 | 3293.915   | 3535.490    | 3690.556    | 3819.505    | 3858.679    | 3819.505     | 3690.556     | 3535.490     | 3293.915     | 3084.985     |
| 25.0 | 3275.960   | 3520.800    | 3679.130    | 3808.079    | 3847.253    | 3808.079     | 3679.130     | 3520.800     | 3275.960     | 3065.397     |
| 25.5 | 3258.005   | 3504.477    | 3666.072    | 3796.653    | 3837.460    | 3796.653     | 3666.072     | 3504.477     | 3258.005     | 3047.442     |
| 26.0 | 3238.418   | 3488.155    | 3653.014    | 3785.227    | 3826.034    | 3785.227     | 3653.014     | 3488.155     | 3238.418     | 3024.591     |
| 26.5 | 3220.463   | 3471.832    | 3638.323    | 3772.169    | 3812.976    | 3772.169     | 3638.323     | 3471.832     | 3220.463     | 3005.004     |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 27.0 | 3200.876 | 3453.877 | 3623.633 | 3759.111 | 3799.918 | 3759.111 | 3623.633 | 3453.877 | 3200.876 | 2983.784 |
| 27.5 | 3181.288 | 3437.554 | 3608.942 | 3744.420 | 3786.859 | 3744.420 | 3608.942 | 3437.554 | 3181.288 | 2964.197 |
| 28.0 | 3161.701 | 3419.599 | 3594.252 | 3731.362 | 3772.169 | 3731.362 | 3594.252 | 3419.599 | 3161.701 | 2942.977 |
| 28.5 | 3140.482 | 3401.644 | 3577.929 | 3716.672 | 3757.479 | 3716.672 | 3577.929 | 3401.644 | 3140.482 | 2921.758 |
| 29.0 | 3120.895 | 3382.057 | 3561.607 | 3700.349 | 3742.788 | 3700.349 | 3561.607 | 3382.057 | 3120.895 | 2898.906 |
| 29.5 | 3098.043 | 3362.470 | 3545.284 | 3684.027 | 3726.466 | 3684.027 | 3545.284 | 3362.470 | 3098.043 | 2877.687 |
| 30.0 | 3076.823 | 3342.883 | 3527.329 | 3666.072 | 3708.511 | 3666.072 | 3527.329 | 3342.883 | 3076.823 | 2856.467 |
| 30.5 | 3055.604 | 3323.296 | 3509.374 | 3648.117 | 3690.556 | 3648.117 | 3509.374 | 3323.296 | 3055.604 | 2833.616 |
| 31.0 | 3034.384 | 3302.076 | 3489.787 | 3630.162 | 3672.601 | 3630.162 | 3489.787 | 3302.076 | 3034.384 | 2810.764 |
| 31.5 | 3013.165 | 3282.489 | 3470.200 | 3612.207 | 3654.646 | 3612.207 | 3470.200 | 3282.489 | 3013.165 | 2789.544 |
| 32.0 | 2990.313 | 3261.269 | 3448.980 | 3592.620 | 3635.059 | 3592.620 | 3448.980 | 3261.269 | 2990.313 | 2765.060 |
| 32.5 | 2967.461 | 3240.050 | 3427.761 | 3571.400 | 3615.471 | 3571.400 | 3427.761 | 3240.050 | 2967.461 | 2742.209 |
| 33.0 | 2946.242 | 3218.831 | 3406.541 | 3550.181 | 3595.884 | 3550.181 | 3406.541 | 3218.831 | 2946.242 | 2717.725 |
| 33.5 | 2925.022 | 3195.979 | 3385.322 | 3530.594 | 3574.665 | 3530.594 | 3385.322 | 3195.979 | 2925.022 | 2693.241 |
| 34.0 | 2900.538 | 3173.127 | 3362.470 | 3509.374 | 3553.445 | 3509.374 | 3362.470 | 3173.127 | 2900.538 | 2670.389 |
| 34.5 | 2879.319 | 3150.275 | 3339.618 | 3486.522 | 3532.226 | 3486.522 | 3339.618 | 3150.275 | 2879.319 | 2645.905 |
| 35.0 | 2854.835 | 3127.424 | 3316.767 | 3465.303 | 3509.374 | 3465.303 | 3316.767 | 3127.424 | 2854.835 | 2623.053 |
| 35.5 | 2831.983 | 3102.940 | 3295.547 | 3442.451 | 3486.522 | 3442.451 | 3295.547 | 3102.940 | 2831.983 | 2598.569 |
| 36.0 | 2809.132 | 3080.088 | 3271.063 | 3419.599 | 3463.671 | 3419.599 | 3271.063 | 3080.088 | 2809.132 | 2572.453 |
| 36.5 | 2784.647 | 3055.604 | 3249.844 | 3396.748 | 3439.187 | 3396.748 | 3249.844 | 3055.604 | 2784.647 | 2549.601 |
| 37.0 | 2761.796 | 3032.752 | 3225.360 | 3373.896 | 3414.703 | 3373.896 | 3225.360 | 3032.752 | 2761.796 | 2523.485 |
| 37.5 | 2737.312 | 3006.636 | 3202.508 | 3349.412 | 3390.219 | 3349.412 | 3202.508 | 3006.636 | 2737.312 | 2499.001 |
| 38.0 | 2712.828 | 2983.784 | 3179.656 | 3324.928 | 3365.735 | 3324.928 | 3179.656 | 2983.784 | 2712.828 | 2472.885 |
| 38.5 | 2688.344 | 2959.300 | 3155.172 | 3300.444 | 3341.251 | 3300.444 | 3155.172 | 2959.300 | 2688.344 | 2448.400 |
| 39.0 | 2662.227 | 2934.816 | 3130.688 | 3275.960 | 3315.134 | 3275.960 | 3130.688 | 2934.816 | 2662.227 | 2423.916 |
| 39.5 | 2637.743 | 2910.332 | 3106.204 | 3249.844 | 3289.018 | 3249.844 | 3106.204 | 2910.332 | 2637.743 | 2397.800 |
| 40.0 | 2613.259 | 2885.848 | 3081.720 | 3225.360 | 3262.902 | 3225.360 | 3081.720 | 2885.848 | 2613.259 | 2373.316 |
| 40.5 | 2587.143 | 2861.364 | 3057.236 | 3197.611 | 3238.418 | 3197.611 | 3057.236 | 2861.364 | 2587.143 | 2348.832 |
| 41.0 | 2561.027 | 2836.880 | 3031.120 | 3173.127 | 3210.669 | 3173.127 | 3031.120 | 2836.880 | 2561.027 | 2322.716 |
| 41.5 | 2534.911 | 2810.764 | 3003.371 | 3145.379 | 3184.553 | 3145.379 | 3003.371 | 2810.764 | 2534.911 | 2296.600 |
| 42.0 | 2508.794 | 2786.280 | 2977.255 | 3117.630 | 3156.804 | 3117.630 | 2977.255 | 2786.280 | 2508.794 | 2270.483 |
| 42.5 | 2484.310 | 2760.163 | 2949.506 | 3089.881 | 3130.688 | 3089.881 | 2949.506 | 2760.163 | 2484.310 | 2245.999 |
| 43.0 | 2458.194 | 2735.679 | 2923.390 | 3062.133 | 3101.307 | 3062.133 | 2923.390 | 2735.679 | 2458.194 | 2219.883 |
| 43.5 | 2432.078 | 2707.931 | 2895.642 | 3034.384 | 3073.559 | 3034.384 | 2895.642 | 2707.931 | 2432.078 | 2193.767 |
| 44.0 | 2405.962 | 2683.447 | 2869.525 | 3005.004 | 3044.178 | 3005.004 | 2869.525 | 2683.447 | 2405.962 | 2169.283 |
| 44.5 | 2379.845 | 2655.698 | 2841.777 | 2977.255 | 3016.429 | 2977.255 | 2841.777 | 2655.698 | 2379.845 | 2143.167 |
| 45.0 | 2353.729 | 2629.582 | 2814.028 | 2947.874 | 2987.049 | 2947.874 | 2814.028 | 2629.582 | 2353.729 | 2117.050 |
| 45.5 | 2327.613 | 2601.834 | 2786.280 | 2918.493 | 2957.668 | 2918.493 | 2786.280 | 2601.834 | 2327.613 | 2090.934 |
| 46.0 | 2301.496 | 2575.717 | 2758.531 | 2890.745 | 2928.287 | 2890.745 | 2758.531 | 2575.717 | 2301.496 | 2066.450 |
| 46.5 | 2275.380 | 2547.969 | 2729.150 | 2859.732 | 2897.274 | 2859.732 | 2729.150 | 2547.969 | 2275.380 | 2041.966 |
| 47.0 | 2249.264 | 2520.220 | 2701.402 | 2831.983 | 2867.893 | 2831.983 | 2701.402 | 2520.220 | 2249.264 | 2015.850 |
| 47.5 | 2223.148 | 2490.839 | 2673.653 | 2802.602 | 2838.512 | 2802.602 | 2673.653 | 2490.839 | 2223.148 | 1989.733 |
| 48.0 | 2198.664 | 2463.091 | 2644.273 | 2773.222 | 2809.132 | 2773.222 | 2644.273 | 2463.091 | 2198.664 | 1965.249 |
| 48.5 | 2172.547 | 2433.710 | 2616.524 | 2743.841 | 2779.751 | 2743.841 | 2616.524 | 2433.710 | 2172.547 | 1940.765 |
| 49.0 | 2146.431 | 2405.962 | 2585.511 | 2714.460 | 2748.738 | 2714.460 | 2585.511 | 2405.962 | 2146.431 | 1914.649 |
| 49.5 | 2118.683 | 2376.581 | 2556.130 | 2683.447 | 2719.357 | 2683.447 | 2556.130 | 2376.581 | 2118.683 | 1890.165 |
| 50.0 | 2092.566 | 2347.200 | 2526.749 | 2654.066 | 2688.344 | 2654.066 | 2526.749 | 2347.200 | 2092.566 | 1865.681 |
| 50.5 | 2064.818 | 2317.819 | 2497.369 | 2623.053 | 2657.331 | 2623.053 | 2497.369 | 2317.819 | 2064.818 | 1839.565 |
| 51.0 | 2038.701 | 2290.071 | 2466.355 | 2592.040 | 2624.685 | 2592.040 | 2466.355 | 2290.071 | 2038.701 | 1815.081 |
| 51.5 | 2010.953 | 2260.690 | 2435.342 | 2561.027 | 2595.305 | 2561.027 | 2435.342 | 2260.690 | 2010.953 | 1790.597 |
| 52.0 | 1983.204 | 2231.309 | 2404.329 | 2530.014 | 2562.659 | 2530.014 | 2404.329 | 2231.309 | 1983.204 | 1764.481 |
| 52.5 | 1957.088 | 2201.928 | 2374.948 | 2499.001 | 2531.646 | 2499.001 | 2374.948 | 2201.928 | 1957.088 | 1738.364 |
| 53.0 | 1929.340 | 2172.547 | 2342.303 | 2467.988 | 2499.001 | 2467.988 | 2342.303 | 2172.547 | 1929.340 | 1712.248 |
| 53.5 | 1899.959 | 2143.167 | 2312.922 | 2435.342 | 2466.355 | 2435.342 | 2312.922 | 2143.167 | 1899.959 | 1686.132 |
| 54.0 | 1872.210 | 2113.786 | 2281.909 | 2402.697 | 2433.710 | 2402.697 | 2281.909 | 2113.786 | 1872.210 | 1660.016 |
| 54.5 | 1844.462 | 2084.405 | 2249.264 | 2370.052 | 2401.065 | 2370.052 | 2249.264 | 2084.405 | 1844.462 | 1635.532 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 55.0 | 1815.081 | 2055.024 | 2216.619 | 2339.039 | 2365.155 | 2339.039 | 2216.619 | 2055.024 | 1815.081 | 1608.926 |
| 55.5 | 1785.700 | 2024.011 | 2185.606 | 2306.393 | 2332.510 | 2306.393 | 2185.606 | 2024.011 | 1785.700 | 1583.136 |
| 56.0 | 1756.319 | 1994.630 | 2154.592 | 2273.748 | 2298.232 | 2273.748 | 2154.592 | 1994.630 | 1756.319 | 1557.346 |
| 56.5 | 1728.571 | 1965.249 | 2121.947 | 2239.470 | 2265.587 | 2239.470 | 2121.947 | 1965.249 | 1728.571 | 1531.883 |
| 57.0 | 1700.822 | 1934.236 | 2089.302 | 2205.193 | 2231.309 | 2205.193 | 2089.302 | 1934.236 | 1700.822 | 1504.950 |
| 57.5 | 1673.074 | 1903.223 | 2056.656 | 2170.915 | 2197.031 | 2170.915 | 2056.656 | 1903.223 | 1673.074 | 1479.324 |
| 58.0 | 1645.325 | 1872.210 | 2024.011 | 2136.638 | 2162.754 | 2136.638 | 2024.011 | 1872.210 | 1645.325 | 1452.391 |
| 58.5 | 1616.271 | 1841.197 | 1991.366 | 2102.360 | 2128.476 | 2102.360 | 1991.366 | 1841.197 | 1616.271 | 1426.438 |
| 59.0 | 1587.543 | 1810.184 | 1958.720 | 2068.082 | 2092.566 | 2068.082 | 1958.720 | 1810.184 | 1587.543 | 1399.179 |
| 59.5 | 1559.305 | 1779.171 | 1926.075 | 2033.805 | 2058.289 | 2033.805 | 1926.075 | 1779.171 | 1559.305 | 1372.737 |
| 60.0 | 1531.066 | 1748.158 | 1891.797 | 1999.527 | 2024.011 | 1999.527 | 1891.797 | 1748.158 | 1531.066 | 1346.620 |
| 60.5 | 1502.012 | 1717.145 | 1859.152 | 1963.617 | 1989.733 | 1963.617 | 1859.152 | 1717.145 | 1502.012 | 1320.178 |
| 61.0 | 1473.611 | 1684.500 | 1826.507 | 1929.340 | 1953.824 | 1929.340 | 1826.507 | 1684.500 | 1473.611 | 1293.245 |
| 61.5 | 1444.067 | 1653.486 | 1793.861 | 1893.430 | 1917.914 | 1893.430 | 1793.861 | 1653.486 | 1444.067 | 1267.129 |
| 62.0 | 1415.665 | 1621.820 | 1759.584 | 1859.152 | 1882.004 | 1859.152 | 1759.584 | 1621.820 | 1415.665 | 1242.645 |
| 62.5 | 1387.427 | 1590.155 | 1726.938 | 1824.875 | 1847.726 | 1824.875 | 1726.938 | 1590.155 | 1387.427 | 1215.712 |
| 63.0 | 1359.026 | 1558.815 | 1692.661 | 1788.965 | 1813.449 | 1788.965 | 1692.661 | 1558.815 | 1359.026 | 1191.392 |
| 63.5 | 1330.787 | 1526.170 | 1660.016 | 1754.687 | 1779.171 | 1754.687 | 1660.016 | 1526.170 | 1330.787 | 1164.623 |
| 64.0 | 1300.917 | 1494.177 | 1627.697 | 1722.042 | 1743.261 | 1722.042 | 1627.697 | 1494.177 | 1300.917 | 1137.527 |
| 64.5 | 1273.821 | 1462.674 | 1593.909 | 1686.132 | 1708.984 | 1686.132 | 1593.909 | 1462.674 | 1273.821 | 1110.594 |
| 65.0 | 1244.604 | 1430.682 | 1559.958 | 1650.222 | 1673.074 | 1650.222 | 1559.958 | 1430.682 | 1244.604 | 1083.662 |
| 65.5 | 1214.896 | 1399.342 | 1525.843 | 1616.108 | 1637.164 | 1616.108 | 1525.843 | 1399.342 | 1214.896 | 1057.219 |
| 66.0 | 1186.168 | 1367.024 | 1492.218 | 1581.340 | 1602.397 | 1581.340 | 1492.218 | 1367.024 | 1186.168 | 1030.940 |
| 66.5 | 1159.073 | 1334.868 | 1458.431 | 1546.573 | 1567.303 | 1546.573 | 1458.431 | 1334.868 | 1159.073 | 1004.171 |
| 67.0 | 1129.039 | 1302.386 | 1424.479 | 1511.479 | 1532.209 | 1511.479 | 1424.479 | 1302.386 | 1129.039 | 977.238  |
| 67.5 | 1099.169 | 1270.883 | 1390.528 | 1476.385 | 1496.462 | 1476.385 | 1390.528 | 1270.883 | 1099.169 | 950.306  |
| 68.0 | 1068.972 | 1242.155 | 1357.230 | 1440.476 | 1460.553 | 1440.476 | 1357.230 | 1242.155 | 1068.972 | 923.210  |
| 68.5 | 1039.101 | 1212.774 | 1322.626 | 1405.545 | 1425.296 | 1405.545 | 1322.626 | 1212.774 | 1039.101 | 896.604  |
| 69.0 | 1009.231 | 1180.619 | 1288.185 | 1369.635 | 1389.712 | 1369.635 | 1288.185 | 1180.619 | 1009.231 | 869.672  |
| 69.5 | 979.523  | 1148.463 | 1255.866 | 1334.215 | 1354.455 | 1334.215 | 1255.866 | 1148.463 | 979.523  | 842.576  |
| 70.0 | 949.816  | 1116.471 | 1225.180 | 1298.795 | 1318.872 | 1298.795 | 1225.180 | 1116.471 | 949.816  | 815.807  |
| 70.5 | 920.272  | 1084.315 | 1194.493 | 1263.538 | 1283.452 | 1263.538 | 1194.493 | 1084.315 | 920.272  | 789.038  |
| 71.0 | 890.728  | 1051.670 | 1160.052 | 1230.240 | 1247.868 | 1230.240 | 1160.052 | 1051.670 | 890.728  | 762.269  |
| 71.5 | 861.347  | 1020.004 | 1126.427 | 1199.390 | 1218.161 | 1199.390 | 1126.427 | 1020.004 | 861.347  | 735.500  |
| 72.0 | 832.130  | 987.848  | 1092.803 | 1163.970 | 1183.557 | 1163.970 | 1092.803 | 987.848  | 832.130  | 709.057  |
| 72.5 | 803.075  | 955.856  | 1059.505 | 1128.876 | 1147.647 | 1128.876 | 1059.505 | 955.856  | 803.075  | 682.451  |
| 73.0 | 774.347  | 923.700  | 1025.880 | 1093.945 | 1112.227 | 1093.945 | 1025.880 | 923.700  | 774.347  | 656.171  |
| 73.5 | 745.456  | 891.544  | 992.092  | 1059.178 | 1076.970 | 1059.178 | 992.092  | 891.544  | 745.456  | 629.892  |
| 74.0 | 716.565  | 859.715  | 958.630  | 1024.737 | 1041.713 | 1024.737 | 958.630  | 859.715  | 716.565  | 604.265  |
| 74.5 | 687.674  | 827.886  | 925.006  | 990.133  | 1007.272 | 990.133  | 925.006  | 827.886  | 687.674  | 578.965  |
| 75.0 | 658.946  | 796.220  | 891.707  | 955.529  | 972.668  | 955.529  | 891.707  | 796.220  | 658.946  | 553.502  |
| 75.5 | 630.545  | 764.880  | 858.899  | 921.088  | 937.574  | 921.088  | 858.899  | 764.880  | 630.545  | 529.018  |
| 76.0 | 602.143  | 733.541  | 825.764  | 887.300  | 902.970  | 887.300  | 825.764  | 733.541  | 602.143  | 504.371  |
| 76.5 | 574.068  | 702.364  | 792.792  | 853.023  | 868.366  | 853.023  | 792.792  | 702.364  | 574.068  | 480.213  |
| 77.0 | 546.320  | 671.515  | 760.310  | 819.235  | 833.925  | 819.235  | 760.310  | 671.515  | 546.320  | 456.055  |
| 77.5 | 518.898  | 640.828  | 727.991  | 785.610  | 799.974  | 785.610  | 727.991  | 640.828  | 518.898  | 431.898  |
| 78.0 | 491.639  | 610.305  | 695.672  | 752.475  | 766.676  | 752.475  | 695.672  | 610.305  | 491.639  | 408.720  |
| 78.5 | 464.706  | 580.434  | 663.353  | 719.340  | 733.541  | 719.340  | 663.353  | 580.434  | 464.706  | 385.215  |
| 79.0 | 437.937  | 551.053  | 631.687  | 686.205  | 700.732  | 686.205  | 631.687  | 551.053  | 437.937  | 362.037  |
| 79.5 | 411.495  | 521.836  | 600.185  | 653.233  | 667.271  | 653.233  | 600.185  | 521.836  | 411.495  | 339.512  |
| 80.0 | 385.705  | 493.108  | 569.172  | 620.425  | 634.462  | 620.425  | 569.172  | 493.108  | 385.705  | 317.313  |
| 80.5 | 360.405  | 464.543  | 538.485  | 587.616  | 601.654  | 587.616  | 538.485  | 464.543  | 360.405  | 295.440  |
| 81.0 | 335.921  | 436.305  | 507.961  | 555.460  | 569.172  | 555.460  | 507.961  | 436.305  | 335.921  | 274.058  |
| 81.5 | 311.926  | 408.230  | 477.438  | 523.794  | 537.506  | 523.794  | 477.438  | 408.230  | 311.926  | 253.165  |
| 82.0 | 288.585  | 380.808  | 447.568  | 492.455  | 506.166  | 492.455  | 447.568  | 380.808  | 288.585  | 232.598  |
| 82.5 | 265.896  | 353.875  | 417.860  | 461.442  | 475.153  | 461.442  | 417.860  | 353.875  | 265.896  | 212.521  |

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

|       |         |         |         |         |         |         |         |         |         |         |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 83.0  | 243.861 | 327.433 | 389.132 | 430.755 | 443.813 | 430.755 | 389.132 | 327.433 | 243.861 | 192.771 |
| 83.5  | 222.478 | 301.316 | 360.568 | 400.232 | 412.800 | 400.232 | 360.568 | 301.316 | 222.478 | 173.836 |
| 84.0  | 201.422 | 276.016 | 332.493 | 370.198 | 382.114 | 370.198 | 332.493 | 276.016 | 201.422 | 155.229 |
| 84.5  | 181.182 | 251.206 | 304.907 | 340.817 | 352.080 | 340.817 | 304.907 | 251.206 | 181.182 | 137.274 |
| 85.0  | 161.594 | 227.048 | 277.812 | 311.926 | 322.862 | 311.926 | 277.812 | 227.048 | 161.594 | 119.972 |
| 85.5  | 142.823 | 203.544 | 251.369 | 283.688 | 294.298 | 283.688 | 251.369 | 203.544 | 142.823 | 103.323 |
| 86.0  | 124.868 | 180.855 | 225.579 | 255.776 | 266.386 | 255.776 | 225.579 | 180.855 | 124.868 | 87.326  |
| 86.5  | 107.403 | 158.656 | 200.279 | 228.681 | 238.637 | 228.681 | 200.279 | 158.656 | 107.403 | 71.657  |
| 87.0  | 90.101  | 137.274 | 175.469 | 201.911 | 211.215 | 201.911 | 175.469 | 137.274 | 90.101  | 56.313  |
| 87.5  | 73.615  | 116.544 | 151.474 | 175.795 | 184.446 | 175.795 | 151.474 | 116.544 | 73.615  | 41.460  |
| 88.0  | 57.619  | 96.467  | 127.970 | 150.495 | 158.656 | 150.495 | 127.970 | 96.467  | 57.619  | 26.932  |
| 88.5  | 41.786  | 77.043  | 105.281 | 125.848 | 133.519 | 125.848 | 105.281 | 77.043  | 41.786  | 13.058  |
| 89.0  | 26.443  | 58.109  | 83.246  | 102.017 | 109.199 | 102.017 | 83.246  | 58.109  | 26.443  | 4.244   |
| 89.5  | 15.180  | 38.848  | 61.863  | 78.512  | 85.368  | 78.512  | 61.863  | 38.848  | 15.180  | 1.306   |
| 90.0  | 7.508   | 21.383  | 40.970  | 55.007  | 61.536  | 55.007  | 40.970  | 21.383  | 7.508   | 1.143   |
| 90.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 91.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 91.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 92.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 93.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 93.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 94.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 94.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 95.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 95.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 96.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 96.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 97.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 97.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 98.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 98.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 99.0  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 99.5  | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 100.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 100.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 101.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 101.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 102.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 102.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 103.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 103.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 104.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 104.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 105.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 105.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 106.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 106.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 107.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 107.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 108.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 108.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 109.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 109.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 110.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |
| 110.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Vert. Horizontal Angles**  
**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> |
|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 0.0  | 3734.627     | 3734.627     | 3734.627     | 3734.627     | 3734.627     | 3734.627     | 3734.627     |
| 0.5  | 3711.775     | 3713.407     | 3716.672     | 3713.407     | 3711.775     | 3744.420     | 3741.156     |
| 1.0  | 3700.349     | 3700.349     | 3703.614     | 3700.349     | 3700.349     | 3737.891     | 3741.156     |
| 1.5  | 3688.923     | 3685.659     | 3688.923     | 3685.659     | 3688.923     | 3729.730     | 3741.156     |
| 2.0  | 3677.498     | 3670.968     | 3674.233     | 3670.968     | 3677.498     | 3723.201     | 3737.891     |
| 2.5  | 3664.439     | 3656.278     | 3659.543     | 3656.278     | 3664.439     | 3715.040     | 3737.891     |
| 3.0  | 3653.014     | 3641.588     | 3643.220     | 3641.588     | 3653.014     | 3705.246     | 3734.627     |
| 3.5  | 3638.323     | 3626.897     | 3626.897     | 3626.897     | 3638.323     | 3697.085     | 3732.995     |
| 4.0  | 3626.897     | 3612.207     | 3610.575     | 3612.207     | 3626.897     | 3687.291     | 3731.362     |
| 4.5  | 3612.207     | 3595.884     | 3592.620     | 3595.884     | 3612.207     | 3679.130     | 3726.466     |
| 5.0  | 3597.516     | 3579.562     | 3576.297     | 3579.562     | 3597.516     | 3669.336     | 3723.201     |
| 5.5  | 3584.458     | 3563.239     | 3558.342     | 3563.239     | 3584.458     | 3659.543     | 3719.936     |
| 6.0  | 3571.400     | 3546.916     | 3540.387     | 3546.916     | 3571.400     | 3649.749     | 3715.040     |
| 6.5  | 3556.710     | 3528.961     | 3524.064     | 3528.961     | 3556.710     | 3638.323     | 3710.143     |
| 7.0  | 3542.019     | 3512.639     | 3506.110     | 3512.639     | 3542.019     | 3628.530     | 3705.246     |
| 7.5  | 3527.329     | 3494.684     | 3488.155     | 3494.684     | 3527.329     | 3617.104     | 3698.717     |
| 8.0  | 3512.639     | 3476.729     | 3470.200     | 3476.729     | 3512.639     | 3605.678     | 3692.188     |
| 8.5  | 3497.948     | 3458.774     | 3450.612     | 3458.774     | 3497.948     | 3594.252     | 3685.659     |
| 9.0  | 3483.258     | 3440.819     | 3432.657     | 3440.819     | 3483.258     | 3581.194     | 3680.762     |
| 9.5  | 3468.567     | 3424.496     | 3413.070     | 3424.496     | 3468.567     | 3569.768     | 3672.601     |
| 10.0 | 3452.245     | 3406.541     | 3393.483     | 3406.541     | 3452.245     | 3558.342     | 3664.439     |
| 10.5 | 3437.554     | 3386.954     | 3373.896     | 3386.954     | 3437.554     | 3545.284     | 3656.278     |
| 11.0 | 3421.232     | 3368.999     | 3355.941     | 3368.999     | 3421.232     | 3533.858     | 3648.117     |
| 11.5 | 3404.909     | 3351.044     | 3334.721     | 3351.044     | 3404.909     | 3520.800     | 3638.323     |
| 12.0 | 3386.954     | 3331.457     | 3315.134     | 3331.457     | 3386.954     | 3506.110     | 3630.162     |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|----------|----------|
| 12.5 | 3372.264 | 3313.502 | 3295.547 | 3313.502 | 3372.264 | 3493.051 | 3620.368 |
| 13.0 | 3354.309 | 3293.915 | 3275.960 | 3293.915 | 3354.309 | 3479.993 | 3610.575 |
| 13.5 | 3336.354 | 3274.328 | 3256.373 | 3274.328 | 3336.354 | 3465.303 | 3600.781 |
| 14.0 | 3320.031 | 3254.740 | 3235.153 | 3254.740 | 3320.031 | 3452.245 | 3590.987 |
| 14.5 | 3302.076 | 3235.153 | 3215.566 | 3235.153 | 3302.076 | 3437.554 | 3579.562 |
| 15.0 | 3284.121 | 3213.934 | 3194.347 | 3213.934 | 3284.121 | 3421.232 | 3568.136 |
| 15.5 | 3266.166 | 3195.979 | 3173.127 | 3195.979 | 3266.166 | 3406.541 | 3556.710 |
| 16.0 | 3246.579 | 3174.759 | 3151.908 | 3174.759 | 3246.579 | 3390.219 | 3545.284 |
| 16.5 | 3226.992 | 3155.172 | 3130.688 | 3155.172 | 3226.992 | 3375.528 | 3533.858 |
| 17.0 | 3209.037 | 3133.953 | 3109.469 | 3133.953 | 3209.037 | 3357.573 | 3520.800 |
| 17.5 | 3189.450 | 3114.365 | 3088.249 | 3114.365 | 3189.450 | 3341.251 | 3507.742 |
| 18.0 | 3169.863 | 3093.146 | 3067.030 | 3093.146 | 3169.863 | 3324.928 | 3496.316 |
| 18.5 | 3151.908 | 3071.926 | 3044.178 | 3071.926 | 3151.908 | 3308.605 | 3481.626 |
| 19.0 | 3130.688 | 3050.707 | 3022.958 | 3050.707 | 3130.688 | 3290.650 | 3468.567 |
| 19.5 | 3111.101 | 3027.855 | 3000.107 | 3027.855 | 3111.101 | 3272.695 | 3453.877 |
| 20.0 | 3089.881 | 3006.636 | 2978.887 | 3006.636 | 3089.881 | 3254.740 | 3439.187 |
| 20.5 | 3070.294 | 2983.784 | 2956.036 | 2983.784 | 3070.294 | 3236.785 | 3424.496 |
| 21.0 | 3050.707 | 2960.932 | 2933.184 | 2960.932 | 3050.707 | 3218.831 | 3409.806 |
| 21.5 | 3029.488 | 2939.713 | 2911.964 | 2939.713 | 3029.488 | 3200.876 | 3393.483 |
| 22.0 | 3008.268 | 2916.861 | 2889.113 | 2916.861 | 3008.268 | 3181.288 | 3378.793 |
| 22.5 | 2988.681 | 2894.009 | 2866.261 | 2894.009 | 2988.681 | 3163.333 | 3362.470 |
| 23.0 | 2967.461 | 2872.790 | 2843.409 | 2872.790 | 2967.461 | 3145.379 | 3346.147 |
| 23.5 | 2947.874 | 2849.938 | 2820.557 | 2849.938 | 2947.874 | 3124.159 | 3328.192 |
| 24.0 | 2926.655 | 2828.719 | 2797.706 | 2828.719 | 2926.655 | 3104.572 | 3311.870 |
| 24.5 | 2905.435 | 2807.499 | 2773.222 | 2807.499 | 2905.435 | 3084.985 | 3293.915 |
| 25.0 | 2884.216 | 2784.647 | 2752.002 | 2784.647 | 2884.216 | 3065.397 | 3275.960 |
| 25.5 | 2864.629 | 2761.796 | 2729.150 | 2761.796 | 2864.629 | 3047.442 | 3258.005 |
| 26.0 | 2843.409 | 2740.576 | 2704.666 | 2740.576 | 2843.409 | 3024.591 | 3238.418 |
| 26.5 | 2820.557 | 2717.725 | 2681.815 | 2717.725 | 2820.557 | 3005.004 | 3220.463 |
| 27.0 | 2799.338 | 2696.505 | 2660.595 | 2696.505 | 2799.338 | 2983.784 | 3200.876 |
| 27.5 | 2778.118 | 2673.653 | 2637.743 | 2673.653 | 2778.118 | 2964.197 | 3181.288 |
| 28.0 | 2756.899 | 2652.434 | 2616.524 | 2652.434 | 2756.899 | 2942.977 | 3161.701 |
| 28.5 | 2734.047 | 2631.214 | 2593.672 | 2631.214 | 2734.047 | 2921.758 | 3140.482 |
| 29.0 | 2711.195 | 2606.730 | 2570.821 | 2606.730 | 2711.195 | 2898.906 | 3120.895 |
| 29.5 | 2688.344 | 2585.511 | 2549.601 | 2585.511 | 2688.344 | 2877.687 | 3098.043 |
| 30.0 | 2665.492 | 2562.659 | 2526.749 | 2562.659 | 2665.492 | 2856.467 | 3076.823 |
| 30.5 | 2642.640 | 2538.175 | 2505.530 | 2538.175 | 2642.640 | 2833.616 | 3055.604 |
| 31.0 | 2618.156 | 2515.323 | 2482.678 | 2515.323 | 2618.156 | 2810.764 | 3034.384 |
| 31.5 | 2593.672 | 2490.839 | 2459.826 | 2490.839 | 2593.672 | 2789.544 | 3013.165 |
| 32.0 | 2570.821 | 2467.988 | 2435.342 | 2467.988 | 2570.821 | 2765.060 | 2990.313 |
| 32.5 | 2546.337 | 2445.136 | 2414.123 | 2445.136 | 2546.337 | 2742.209 | 2967.461 |
| 33.0 | 2521.853 | 2420.652 | 2389.639 | 2420.652 | 2521.853 | 2717.725 | 2946.242 |
| 33.5 | 2499.001 | 2396.168 | 2365.155 | 2396.168 | 2499.001 | 2693.241 | 2925.022 |
| 34.0 | 2474.517 | 2371.684 | 2340.671 | 2371.684 | 2474.517 | 2670.389 | 2900.538 |
| 34.5 | 2450.033 | 2347.200 | 2316.187 | 2347.200 | 2450.033 | 2645.905 | 2879.319 |
| 35.0 | 2425.549 | 2321.084 | 2291.703 | 2321.084 | 2425.549 | 2623.053 | 2854.835 |
| 35.5 | 2401.065 | 2296.600 | 2265.587 | 2296.600 | 2401.065 | 2598.569 | 2831.983 |
| 36.0 | 2376.581 | 2272.116 | 2241.103 | 2272.116 | 2376.581 | 2572.453 | 2809.132 |
| 36.5 | 2352.097 | 2245.999 | 2214.986 | 2245.999 | 2352.097 | 2549.601 | 2784.647 |
| 37.0 | 2329.245 | 2221.515 | 2188.870 | 2221.515 | 2329.245 | 2523.485 | 2761.796 |
| 37.5 | 2303.129 | 2195.399 | 2161.122 | 2195.399 | 2303.129 | 2499.001 | 2737.312 |
| 38.0 | 2278.645 | 2170.915 | 2135.005 | 2170.915 | 2278.645 | 2472.885 | 2712.828 |
| 38.5 | 2254.161 | 2144.799 | 2108.889 | 2144.799 | 2254.161 | 2448.400 | 2688.344 |
| 39.0 | 2228.044 | 2120.315 | 2082.773 | 2120.315 | 2228.044 | 2423.916 | 2662.227 |
| 39.5 | 2203.560 | 2094.199 | 2056.656 | 2094.199 | 2203.560 | 2397.800 | 2637.743 |
| 40.0 | 2177.444 | 2068.082 | 2030.540 | 2068.082 | 2177.444 | 2373.316 | 2613.259 |

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**CANDELA TABULATION - (Cont.)**

|      |          |          |          |          |          |          |          |
|------|----------|----------|----------|----------|----------|----------|----------|
| 40.5 | 2152.960 | 2041.966 | 2006.056 | 2041.966 | 2152.960 | 2348.832 | 2587.143 |
| 41.0 | 2126.844 | 2017.482 | 1979.940 | 2017.482 | 2126.844 | 2322.716 | 2561.027 |
| 41.5 | 2102.360 | 1992.998 | 1955.456 | 1992.998 | 2102.360 | 2296.600 | 2534.911 |
| 42.0 | 2077.876 | 1968.514 | 1930.972 | 1968.514 | 2077.876 | 2270.483 | 2508.794 |
| 42.5 | 2053.392 | 1944.030 | 1908.120 | 1944.030 | 2053.392 | 2245.999 | 2484.310 |
| 43.0 | 2028.908 | 1921.178 | 1885.268 | 1921.178 | 2028.908 | 2219.883 | 2458.194 |
| 43.5 | 2004.424 | 1898.327 | 1862.417 | 1898.327 | 2004.424 | 2193.767 | 2432.078 |
| 44.0 | 1979.940 | 1875.475 | 1841.197 | 1875.475 | 1979.940 | 2169.283 | 2405.962 |
| 44.5 | 1955.456 | 1850.991 | 1818.345 | 1850.991 | 1955.456 | 2143.167 | 2379.845 |
| 45.0 | 1930.972 | 1828.139 | 1797.126 | 1828.139 | 1930.972 | 2117.050 | 2353.729 |
| 45.5 | 1906.488 | 1806.920 | 1774.274 | 1806.920 | 1906.488 | 2090.934 | 2327.613 |
| 46.0 | 1883.636 | 1784.068 | 1753.055 | 1784.068 | 1883.636 | 2066.450 | 2301.496 |
| 46.5 | 1859.152 | 1761.216 | 1730.203 | 1761.216 | 1859.152 | 2041.966 | 2275.380 |
| 47.0 | 1834.668 | 1738.364 | 1707.351 | 1738.364 | 1834.668 | 2015.850 | 2249.264 |
| 47.5 | 1811.816 | 1715.513 | 1684.500 | 1715.513 | 1811.816 | 1989.733 | 2223.148 |
| 48.0 | 1788.965 | 1692.661 | 1663.280 | 1692.661 | 1788.965 | 1965.249 | 2198.664 |
| 48.5 | 1764.481 | 1669.809 | 1640.428 | 1669.809 | 1764.481 | 1940.765 | 2172.547 |
| 49.0 | 1739.997 | 1646.957 | 1616.597 | 1646.957 | 1739.997 | 1914.649 | 2146.431 |
| 49.5 | 1715.513 | 1623.290 | 1593.256 | 1623.290 | 1715.513 | 1890.165 | 2118.683 |
| 50.0 | 1692.661 | 1599.785 | 1570.894 | 1599.785 | 1692.661 | 1865.681 | 2092.566 |
| 50.5 | 1668.177 | 1576.770 | 1547.552 | 1576.770 | 1668.177 | 1839.565 | 2064.818 |
| 51.0 | 1645.325 | 1553.918 | 1524.211 | 1553.918 | 1645.325 | 1815.081 | 2038.701 |
| 51.5 | 1621.494 | 1530.414 | 1501.196 | 1530.414 | 1621.494 | 1790.597 | 2010.953 |
| 52.0 | 1597.336 | 1507.399 | 1477.365 | 1507.399 | 1597.336 | 1764.481 | 1983.204 |
| 52.5 | 1573.669 | 1483.894 | 1454.676 | 1483.894 | 1573.669 | 1738.364 | 1957.088 |
| 53.0 | 1550.001 | 1460.879 | 1431.172 | 1460.879 | 1550.001 | 1712.248 | 1929.340 |
| 53.5 | 1525.843 | 1438.027 | 1408.157 | 1438.027 | 1525.843 | 1686.132 | 1899.959 |
| 54.0 | 1501.522 | 1414.033 | 1384.652 | 1414.033 | 1501.522 | 1660.016 | 1872.210 |
| 54.5 | 1478.181 | 1390.691 | 1361.964 | 1390.691 | 1478.181 | 1635.532 | 1844.462 |
| 55.0 | 1453.207 | 1367.024 | 1338.622 | 1367.024 | 1453.207 | 1608.926 | 1815.081 |
| 55.5 | 1429.376 | 1343.519 | 1316.260 | 1343.519 | 1429.376 | 1583.136 | 1785.700 |
| 56.0 | 1404.239 | 1320.667 | 1292.592 | 1320.667 | 1404.239 | 1557.346 | 1756.319 |
| 56.5 | 1380.408 | 1297.163 | 1269.904 | 1297.163 | 1380.408 | 1531.883 | 1728.571 |
| 57.0 | 1355.271 | 1273.984 | 1246.236 | 1273.984 | 1355.271 | 1504.950 | 1700.822 |
| 57.5 | 1331.767 | 1249.990 | 1226.159 | 1249.990 | 1331.767 | 1479.324 | 1673.074 |
| 58.0 | 1307.283 | 1231.219 | 1207.714 | 1231.219 | 1307.283 | 1452.391 | 1645.325 |
| 58.5 | 1283.125 | 1210.163 | 1185.026 | 1210.163 | 1283.125 | 1426.438 | 1616.271 |
| 59.0 | 1258.641 | 1186.658 | 1162.011 | 1186.658 | 1258.641 | 1399.179 | 1587.543 |
| 59.5 | 1236.932 | 1163.153 | 1139.812 | 1163.153 | 1236.932 | 1372.737 | 1559.305 |
| 60.0 | 1216.365 | 1139.812 | 1116.634 | 1139.812 | 1216.365 | 1346.620 | 1531.066 |
| 60.5 | 1191.718 | 1117.124 | 1093.782 | 1117.124 | 1191.718 | 1320.178 | 1502.012 |
| 61.0 | 1167.561 | 1094.272 | 1071.747 | 1094.272 | 1167.561 | 1293.245 | 1473.611 |
| 61.5 | 1143.077 | 1072.073 | 1048.895 | 1072.073 | 1143.077 | 1267.129 | 1444.067 |
| 62.0 | 1118.593 | 1049.548 | 1026.696 | 1049.548 | 1118.593 | 1242.645 | 1415.665 |
| 62.5 | 1094.435 | 1027.186 | 1004.497 | 1027.186 | 1094.435 | 1215.712 | 1387.427 |
| 63.0 | 1069.951 | 1004.497 | 982.625  | 1004.497 | 1069.951 | 1191.392 | 1359.026 |
| 63.5 | 1045.467 | 981.645  | 960.426  | 981.645  | 1045.467 | 1164.623 | 1330.787 |
| 64.0 | 1020.983 | 959.120  | 938.390  | 959.120  | 1020.983 | 1137.527 | 1300.917 |
| 64.5 | 996.989  | 936.268  | 916.028  | 936.268  | 996.989  | 1110.594 | 1273.821 |
| 65.0 | 972.668  | 913.580  | 893.340  | 913.580  | 972.668  | 1083.662 | 1244.604 |
| 65.5 | 948.674  | 890.891  | 871.467  | 890.891  | 948.674  | 1057.219 | 1214.896 |
| 66.0 | 925.006  | 868.366  | 847.310  | 868.366  | 925.006  | 1030.940 | 1186.168 |
| 66.5 | 901.338  | 845.678  | 825.111  | 845.678  | 901.338  | 1004.171 | 1159.073 |
| 67.0 | 877.670  | 823.315  | 803.565  | 823.315  | 877.670  | 977.238  | 1129.039 |
| 67.5 | 854.165  | 801.117  | 782.182  | 801.117  | 854.165  | 950.306  | 1099.169 |
| 68.0 | 830.497  | 778.591  | 760.310  | 778.591  | 830.497  | 923.210  | 1068.972 |

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**CANDELA TABULATION - (Cont.)**

|      |         |         |         |         |         |         |          |
|------|---------|---------|---------|---------|---------|---------|----------|
| 68.5 | 806.503 | 756.556 | 738.764 | 756.556 | 806.503 | 896.604 | 1039.101 |
| 69.0 | 782.509 | 734.520 | 716.892 | 734.520 | 782.509 | 869.672 | 1009.231 |
| 69.5 | 758.678 | 712.485 | 695.346 | 712.485 | 758.678 | 842.576 | 979.523  |
| 70.0 | 734.683 | 690.449 | 673.800 | 690.449 | 734.683 | 815.807 | 949.816  |
| 70.5 | 711.179 | 668.413 | 652.254 | 668.413 | 711.179 | 789.038 | 920.272  |
| 71.0 | 687.511 | 646.541 | 630.545 | 646.541 | 687.511 | 762.269 | 890.728  |
| 71.5 | 664.006 | 624.832 | 609.325 | 624.832 | 664.006 | 735.500 | 861.347  |
| 72.0 | 640.665 | 603.286 | 587.943 | 603.286 | 640.665 | 709.057 | 832.130  |
| 72.5 | 617.487 | 581.740 | 566.886 | 581.740 | 617.487 | 682.451 | 803.075  |
| 73.0 | 594.145 | 560.357 | 545.340 | 560.357 | 594.145 | 656.171 | 774.347  |
| 73.5 | 571.130 | 538.811 | 524.121 | 538.811 | 571.130 | 629.892 | 745.456  |
| 74.0 | 548.115 | 517.429 | 503.228 | 517.429 | 548.115 | 604.265 | 716.565  |
| 74.5 | 525.264 | 496.046 | 482.335 | 496.046 | 525.264 | 578.965 | 687.674  |
| 75.0 | 502.901 | 475.153 | 462.095 | 475.153 | 502.901 | 553.502 | 658.946  |
| 75.5 | 480.703 | 454.260 | 441.855 | 454.260 | 480.703 | 529.018 | 630.545  |
| 76.0 | 458.830 | 433.530 | 422.104 | 433.530 | 458.830 | 504.371 | 602.143  |
| 76.5 | 437.121 | 413.127 | 402.191 | 413.127 | 437.121 | 480.213 | 574.068  |
| 77.0 | 415.738 | 392.887 | 382.603 | 392.887 | 415.738 | 456.055 | 546.320  |
| 77.5 | 394.519 | 372.973 | 363.179 | 372.973 | 394.519 | 431.898 | 518.898  |
| 78.0 | 373.463 | 353.059 | 343.755 | 353.059 | 373.463 | 408.720 | 491.639  |
| 78.5 | 352.406 | 333.309 | 324.658 | 333.309 | 352.406 | 385.215 | 464.706  |
| 79.0 | 332.003 | 313.558 | 305.397 | 313.558 | 332.003 | 362.037 | 437.937  |
| 79.5 | 311.437 | 294.298 | 286.626 | 294.298 | 311.437 | 339.512 | 411.495  |
| 80.0 | 291.523 | 275.037 | 267.692 | 275.037 | 291.523 | 317.313 | 385.705  |
| 80.5 | 271.936 | 256.103 | 249.084 | 256.103 | 271.936 | 295.440 | 360.405  |
| 81.0 | 252.512 | 237.495 | 230.803 | 237.495 | 252.512 | 274.058 | 335.921  |
| 81.5 | 233.414 | 219.050 | 212.848 | 219.050 | 233.414 | 253.165 | 311.926  |
| 82.0 | 214.643 | 201.095 | 195.219 | 201.095 | 214.643 | 232.598 | 288.585  |
| 82.5 | 196.035 | 183.140 | 177.591 | 183.140 | 196.035 | 212.521 | 265.896  |
| 83.0 | 177.754 | 165.675 | 160.125 | 165.675 | 177.754 | 192.771 | 243.861  |
| 83.5 | 159.636 | 148.373 | 143.313 | 148.373 | 159.636 | 173.836 | 222.478  |
| 84.0 | 142.007 | 131.397 | 126.174 | 131.397 | 142.007 | 155.229 | 201.422  |
| 84.5 | 124.705 | 114.748 | 109.852 | 114.748 | 124.705 | 137.274 | 181.182  |
| 85.0 | 108.056 | 98.426  | 93.855  | 98.426  | 108.056 | 119.972 | 161.594  |
| 85.5 | 91.570  | 82.593  | 78.349  | 82.593  | 91.570  | 103.323 | 142.823  |
| 86.0 | 75.737  | 67.086  | 63.169  | 67.086  | 75.737  | 87.326  | 124.868  |
| 86.5 | 60.231  | 52.069  | 48.478  | 52.069  | 60.231  | 71.657  | 107.403  |
| 87.0 | 45.214  | 37.542  | 34.114  | 37.542  | 45.214  | 56.313  | 90.101   |
| 87.5 | 30.687  | 23.831  | 21.383  | 23.831  | 30.687  | 41.460  | 73.615   |
| 88.0 | 17.302  | 12.079  | 9.957   | 12.079  | 17.302  | 26.932  | 57.619   |
| 88.5 | 6.856   | 2.938   | 1.959   | 2.938   | 6.856   | 13.058  | 41.786   |
| 89.0 | 1.795   | 1.143   | 0.979   | 1.143   | 1.795   | 4.244   | 26.443   |
| 89.5 | 0.979   | 0.979   | 0.979   | 0.979   | 0.979   | 1.306   | 15.180   |
| 90.0 | 0.979   | 0.979   | 0.816   | 0.979   | 0.979   | 1.143   | 7.508    |
| 90.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 91.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 91.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 92.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 92.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 93.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 93.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 94.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 94.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 95.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 95.5 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |
| 96.0 | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000   | 0.000    |

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CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 96.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.0  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 97.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.0  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 98.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.0  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 99.5  | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 101.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 102.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 103.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 104.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 105.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 106.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 107.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 108.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 109.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 110.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 111.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 112.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 113.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 114.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 115.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 116.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 117.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 118.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 119.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 120.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 121.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 122.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 123.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 124.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

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CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 124.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 125.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 126.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 127.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 128.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 129.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 130.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 131.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 132.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 133.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 134.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 135.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 136.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 137.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 138.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 139.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 140.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 141.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 142.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 143.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 144.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 145.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 146.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 147.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 148.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 149.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 150.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 151.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 152.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES

CANDELA TABULATION - (Cont.)

|       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| 152.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 153.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 154.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 155.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 156.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 157.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 158.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 159.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 160.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 161.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 162.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 163.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 164.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 165.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 166.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 167.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 168.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 169.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 170.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 171.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 172.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 173.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 174.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 175.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 176.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 177.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 178.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 179.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 180.0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens   | %Lamp | %Fixt  |
|---------|----------|-------|--------|
| 0-20    | 1360.26  | N.A.  | 13.10  |
| 0-30    | 2875.65  | N.A.  | 27.80  |
| 0-40    | 4676.01  | N.A.  | 45.10  |
| 0-60    | 8153.19  | N.A.  | 78.70  |
| 0-80    | 10142.02 | N.A.  | 97.90  |
| 0-90    | 10358.71 | N.A.  | 100.00 |
| 10-90   | 10005.83 | N.A.  | 96.60  |
| 20-40   | 3315.74  | N.A.  | 32.00  |
| 20-50   | 5149.86  | N.A.  | 49.70  |
| 40-70   | 4731.13  | N.A.  | 45.70  |
| 60-80   | 1988.82  | N.A.  | 19.20  |
| 70-80   | 734.87   | N.A.  | 7.10   |
| 80-90   | 216.69   | N.A.  | 2.10   |
| 90-110  | 0.55     | N.A.  | 0.00   |
| 90-120  | 0.55     | N.A.  | 0.00   |
| 90-130  | 0.55     | N.A.  | 0.00   |
| 90-150  | 0.55     | N.A.  | 0.00   |
| 90-180  | 0.55     | N.A.  | 0.00   |
| 110-180 | 0.00     | N.A.  | 0.00   |
| 0-180   | 10359.25 | N.A.  | 100.00 |

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

| Zone    | Lumens  |
|---------|---------|
| 0-10    | 352.88  |
| 10-20   | 1007.38 |
| 20-30   | 1515.39 |
| 30-40   | 1800.35 |
| 40-50   | 1834.12 |
| 50-60   | 1643.07 |
| 60-70   | 1253.95 |
| 70-80   | 734.87  |
| 80-90   | 216.69  |
| 90-100  | 0.55    |
| 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 : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.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 | 99  | 96  | 106 | 102 | 98  | 94  | 97  | 94  | 91  | 93  | 91  | 88  | 90  | 88  | 86  | 84  |
| 2  | 99  | 90  | 84  | 78  | 96  | 89  | 82  | 77  | 85  | 80  | 75  | 82  | 77  | 73  | 79  | 75  | 72  | 69  |
| 3  | 90  | 79  | 71  | 65  | 88  | 78  | 70  | 64  | 75  | 68  | 63  | 72  | 66  | 62  | 69  | 65  | 61  | 59  |
| 4  | 82  | 70  | 62  | 55  | 80  | 69  | 61  | 54  | 67  | 59  | 54  | 64  | 58  | 53  | 62  | 57  | 52  | 50  |
| 5  | 76  | 63  | 54  | 47  | 74  | 62  | 53  | 47  | 60  | 52  | 46  | 58  | 51  | 46  | 56  | 50  | 45  | 43  |
| 6  | 70  | 57  | 48  | 41  | 68  | 56  | 47  | 41  | 54  | 46  | 41  | 52  | 45  | 40  | 51  | 45  | 40  | 38  |
| 7  | 65  | 51  | 43  | 36  | 63  | 51  | 42  | 36  | 49  | 41  | 36  | 48  | 41  | 36  | 46  | 40  | 35  | 33  |
| 8  | 60  | 47  | 38  | 33  | 59  | 46  | 38  | 32  | 45  | 37  | 32  | 44  | 37  | 32  | 42  | 36  | 32  | 30  |
| 9  | 57  | 43  | 35  | 29  | 55  | 42  | 35  | 29  | 41  | 34  | 29  | 40  | 34  | 29  | 39  | 33  | 29  | 27  |
| 10 | 53  | 40  | 32  | 27  | 52  | 39  | 32  | 26  | 38  | 31  | 26  | 37  | 31  | 26  | 36  | 30  | 26  | 24  |

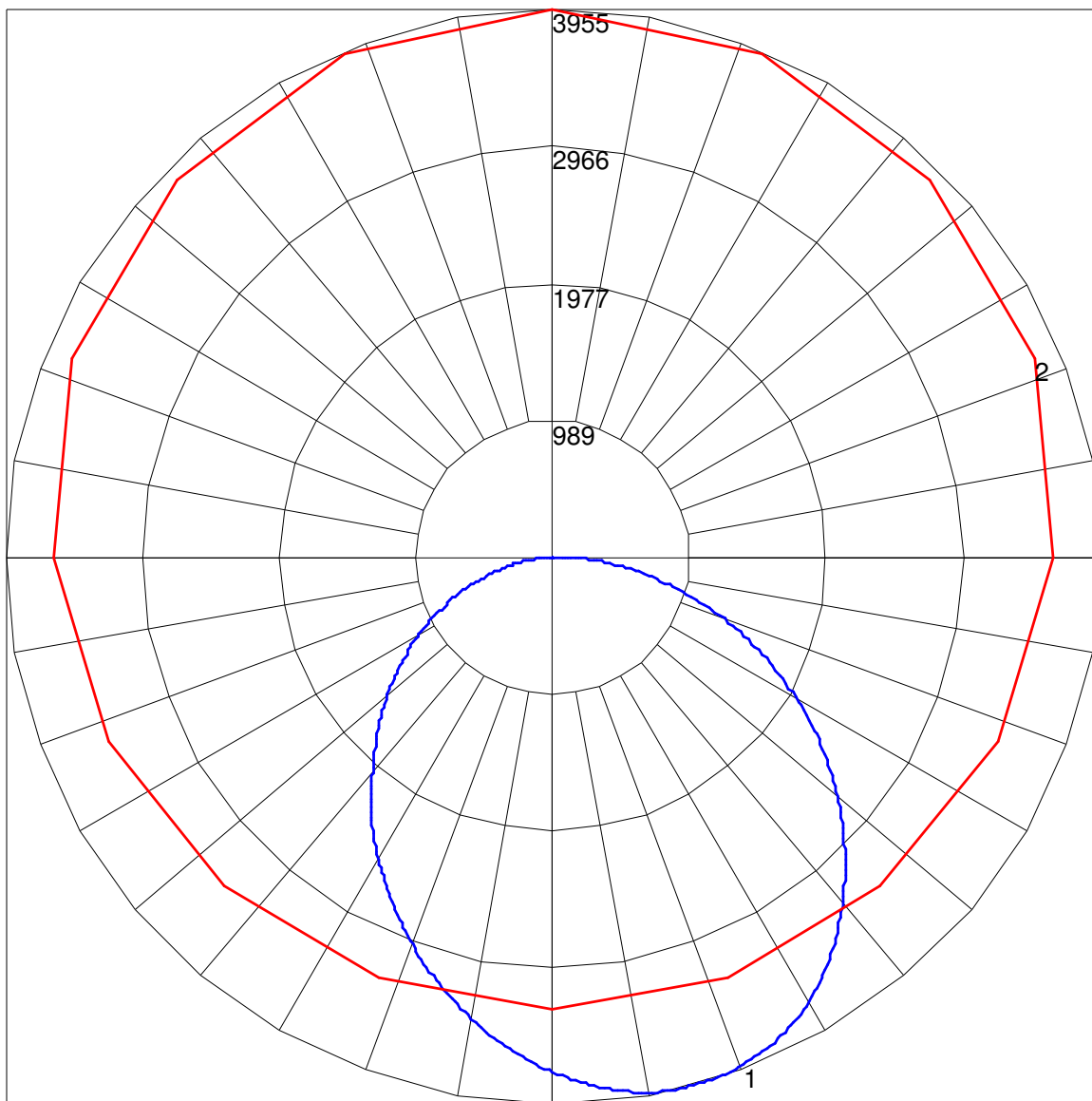
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : MX4D-8-00-L15-950-F-ASY-DIM-UNV\_.IES**

**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 | 21.0                 | 22.6 | 21.3 | 22.9 | 23.2 | 22.7               | 24.3 | 23.1 | 24.6 | 25.0 |
|                | 3H   | 22.8                 | 24.2 | 23.1 | 24.6 | 24.9 | 24.6               | 26.1 | 25.0 | 26.4 | 26.8 |
|                | 4H   | 23.4                 | 24.8 | 23.8 | 25.2 | 25.5 | 25.4               | 26.8 | 25.8 | 27.2 | 27.5 |
|                | 6H   | 23.9                 | 25.2 | 24.3 | 25.5 | 25.9 | 26.1               | 27.4 | 26.5 | 27.7 | 28.1 |
|                | 8H   | 24.0                 | 25.3 | 24.4 | 25.6 | 26.0 | 26.3               | 27.5 | 26.7 | 27.9 | 28.3 |
|                | 12H  | 24.1                 | 25.3 | 24.5 | 25.7 | 26.1 | 26.5               | 27.7 | 26.9 | 28.0 | 28.5 |
| 4H             | 2H   | 21.6                 | 23.0 | 22.0 | 23.4 | 23.8 | 23.3               | 24.7 | 23.7 | 25.0 | 25.4 |
|                | 3H   | 23.7                 | 24.8 | 24.1 | 25.2 | 25.6 | 25.5               | 26.6 | 25.9 | 27.0 | 27.4 |
|                | 4H   | 24.5                 | 25.5 | 24.9 | 25.9 | 26.4 | 26.4               | 27.5 | 26.8 | 27.9 | 28.3 |
|                | 6H   | 25.1                 | 26.0 | 25.5 | 26.4 | 26.9 | 27.2               | 28.1 | 27.6 | 28.6 | 29.0 |
|                | 8H   | 25.2                 | 26.1 | 25.7 | 26.6 | 27.0 | 27.5               | 28.4 | 27.9 | 28.8 | 29.3 |
|                | 12H  | 25.4                 | 26.2 | 25.8 | 26.6 | 27.1 | 27.7               | 28.5 | 28.2 | 29.0 | 29.5 |
| 8H             | 4H   | 24.8                 | 25.7 | 25.3 | 26.1 | 26.6 | 26.7               | 27.6 | 27.2 | 28.0 | 28.5 |
|                | 6H   | 25.6                 | 26.3 | 26.0 | 26.8 | 27.2 | 27.6               | 28.4 | 28.1 | 28.9 | 29.3 |
|                | 8H   | 25.8                 | 26.5 | 26.3 | 27.0 | 27.5 | 28.0               | 28.7 | 28.5 | 29.2 | 29.7 |
|                | 12H  | 26.0                 | 26.6 | 26.5 | 27.1 | 27.6 | 28.4               | 29.0 | 28.9 | 29.5 | 30.0 |
| 12H            | 4H   | 24.9                 | 25.7 | 25.3 | 26.1 | 26.6 | 26.7               | 27.5 | 27.2 | 28.0 | 28.5 |
|                | 6H   | 25.6                 | 26.3 | 26.2 | 26.8 | 27.3 | 27.7               | 28.4 | 28.2 | 28.8 | 29.4 |
|                | 8H   | 26.0                 | 26.5 | 26.5 | 27.0 | 27.6 | 28.2               | 28.7 | 28.7 | 29.2 | 29.8 |

Maximum UGR = 30.0

POLAR GRAPH



Maximum Candela = 3954.983 Located At Horizontal Angle = 90, Vertical Angle = 13  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (13) (Through Max. Cd.)