

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: PORTFOLIO

Report Number: P248634

Luminaire Tested: **LSR8B80D010 EC8B80927 8LBSW0H**

Issue Date: 03/03/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P248634  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P13958)  
Test Lab: INNOVATION CENTER-P1  
Issue Date: 03/03/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: PORTFOLIO  
Catalog Number: LSR8B80D010 EC8B80927 8LBSW0H  
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF  
RECESSED DOWNLIGHT- CYLINDEC  
97 CRI 2700 CCT WITH SEMI-SPECULAR CLEAR TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6556.5 lumens  
Efficiency: N/A  
Efficacy: 88.1 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15  
Luminous Opening: Point Source (0' x 0' x 0')  
CIE Type: Direct

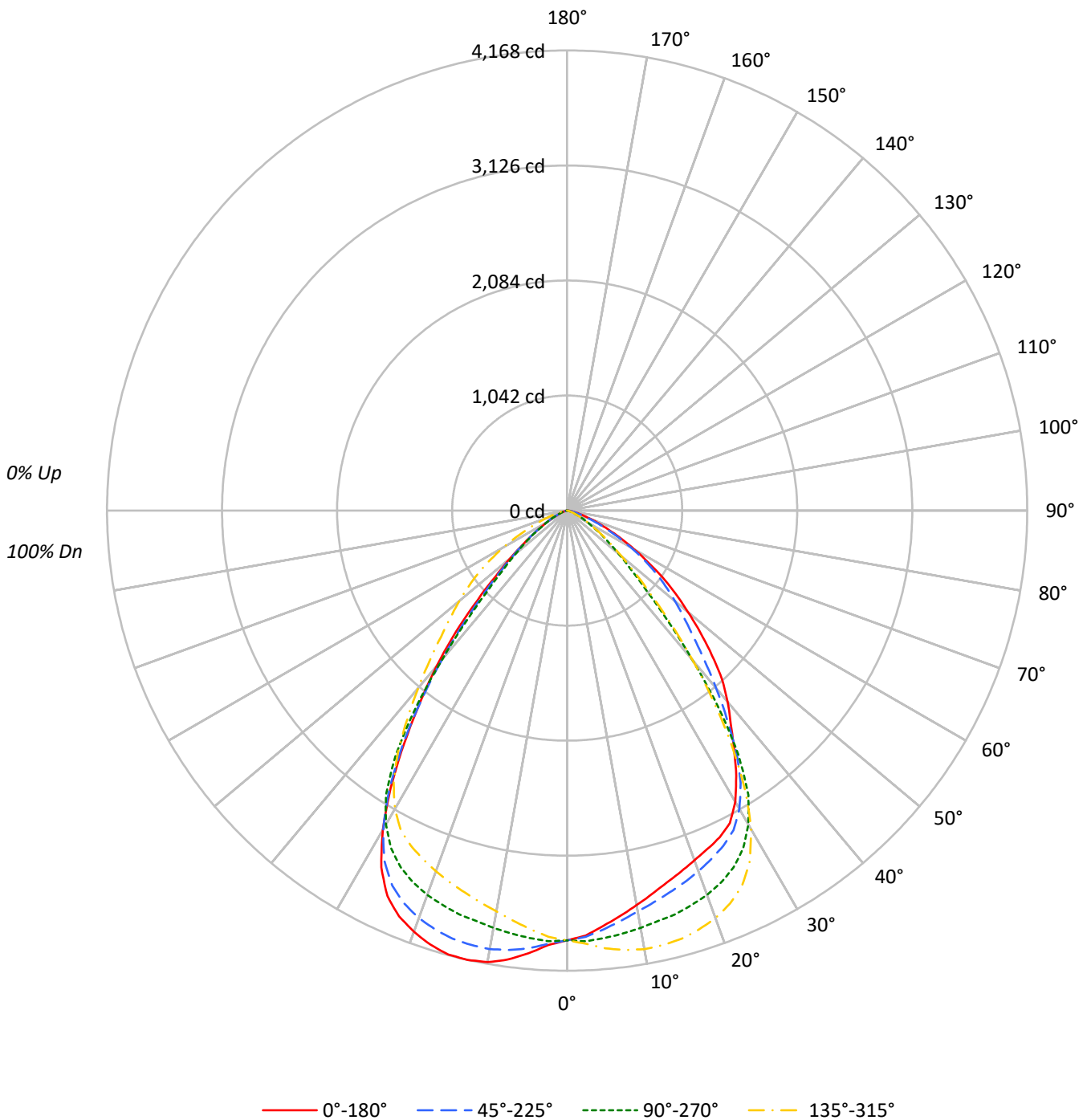
Input Watts (W): 74.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 20  |     |     |     | 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   |
| RCR |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 0   | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 |
| 1   | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98  | 99  | 97  | 95  | 95  | 94  | 92  | 90  |
| 2   | 105 | 99  | 94  | 89  | 102 | 97  | 92  | 88  | 93  | 90  | 86  | 90  | 87  | 84  | 87  | 85  | 83  | 81  |
| 3   | 98  | 90  | 83  | 78  | 95  | 88  | 82  | 78  | 85  | 80  | 76  | 83  | 79  | 75  | 80  | 77  | 74  | 72  |
| 4   | 91  | 82  | 75  | 70  | 89  | 80  | 74  | 69  | 78  | 73  | 68  | 76  | 71  | 67  | 74  | 70  | 67  | 65  |
| 5   | 85  | 75  | 68  | 62  | 83  | 74  | 67  | 62  | 72  | 66  | 61  | 70  | 65  | 61  | 68  | 64  | 60  | 58  |
| 6   | 80  | 69  | 61  | 56  | 78  | 68  | 61  | 56  | 66  | 60  | 55  | 65  | 59  | 55  | 63  | 58  | 55  | 53  |
| 7   | 75  | 63  | 56  | 51  | 73  | 63  | 56  | 51  | 61  | 55  | 50  | 60  | 54  | 50  | 59  | 54  | 50  | 48  |
| 8   | 70  | 59  | 51  | 46  | 69  | 58  | 51  | 46  | 57  | 50  | 46  | 56  | 50  | 46  | 55  | 49  | 46  | 44  |
| 9   | 66  | 54  | 47  | 42  | 65  | 54  | 47  | 42  | 53  | 47  | 42  | 52  | 46  | 42  | 51  | 46  | 42  | 40  |
| 10  | 62  | 51  | 44  | 39  | 61  | 50  | 44  | 39  | 49  | 43  | 39  | 48  | 43  | 39  | 48  | 42  | 39  | 37  |

**AVERAGE LUMINANCE (cd/sqm):**

|     |  |     |      |      |
|-----|--|-----|------|------|
|     | 0°   | 90° | 180° | 270° |
| 0°  | Luminaire represents a point source (luminous area is zero). |     |      |      |
| 5°  | No luminance values can be calculated.                       |     |      |      |
| 10° |  |     |      |      |
| 15° |  |     |      |      |
| 20° |  |     |      |      |
| 25° |  |     |      |      |
| 30° |  |     |      |      |
| 35° |  |     |      |      |
| 40° |  |     |      |      |
| 45° |  |     |      |      |
| 50° |  |     |      |      |
| 55° |  |     |      |      |
| 60° |  |     |      |      |
| 65° |  |     |      |      |
| 70° |  |     |      |      |
| 75° |  |     |      |      |
| 80° |  |     |      |      |
| 85° |  |     |      |      |



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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 370.5  | 5.7       |
| 10°-20°   | 1072.8 | 16.4      |
| 20°-30°   | 1624.5 | 24.8      |
| 30°-40°   | 1628.2 | 24.8      |
| 40°-50°   | 1022.4 | 15.6      |
| 50°-60°   | 544.8  | 8.3       |
| 60°-70°   | 224.0  | 3.4       |
| 70°-80°   | 59.2   | 0.9       |
| 80°-90°   | 10.0   | 0.2       |
| 90°-100°  | 0.0    | 0.0       |
| 100°-110° | 0.0    | 0.0       |
| 110°-120° | 0.0    | 0.0       |
| 120°-130° | 0.0    | 0.0       |
| 130°-140° | 0.0    | 0.0       |
| 140°-150° | 0.0    | 0.0       |
| 150°-160° | 0.0    | 0.0       |
| 160°-170° | 0.0    | 0.0       |
| 170°-180° | 0.0    | 0.0       |
| 0°-30°    | 3067.8 | 46.8      |
| 0°-40°    | 4696.0 | 71.6      |
| 0°-60°    | 6263.3 | 95.5      |
| 0°-90°    | 6556.5 | 100.0     |
| 90°-120°  | 0.0    | 0.0       |
| 90°-150°  | 0.0    | 0.0       |
| 90°-180°  | 0.0    | 0.0       |
| 0°-180°   | 6556.5 | 100.0     |

**CANDELA DISTRIBUTION:**

|     | 0°   | 90°  | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0°  | 3892 | 3892 | 3892 | 3892 | 3892 |      |
| 5°  | 3775 | 3887 | 4026 | 3887 | 3775 | 356  |
| 15° | 3488 | 3786 | 4162 | 3786 | 3488 | 986  |
| 25° | 3267 | 3566 | 3852 | 3566 | 3267 | 1498 |
| 35° | 2634 | 2708 | 2570 | 2708 | 2634 | 1650 |
| 45° | 1855 | 992  | 1148 | 992  | 1855 | 1427 |
| 55° | 1055 | 367  | 388  | 367  | 1055 | 940  |
| 65° | 420  | 112  | 103  | 112  | 420  | 436  |
| 75° | 118  | 23   | 19   | 23   | 118  | 133  |
| 85° | 25   | 0    | 2    | 0    | 25   | 27   |
| 90° | 0    | 0    | 0    | 0    | 0    |      |



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**CANDELA DISTRIBUTION (FULL):**

|       | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3852.4 | 3848.6 | 3846.8 | 3850.6 | 3852.4 | 3860.1 | 3858.2 | 3861.9 | 3861.9 | 3863.9 | 3867.6 |
| 5°    | 3774.6 | 3772.6 | 3774.6 | 3774.6 | 3782.1 | 3789.8 | 3787.9 | 3793.6 | 3797.3 | 3806.9 | 3810.6 |
| 7.5°  | 3702.4 | 3702.4 | 3700.5 | 3708.0 | 3711.8 | 3723.3 | 3721.3 | 3730.8 | 3736.6 | 3746.0 | 3759.3 |
| 10°   | 3628.2 | 3628.2 | 3630.0 | 3635.8 | 3637.8 | 3654.8 | 3654.8 | 3668.1 | 3675.7 | 3685.3 | 3702.4 |
| 12.5° | 3556.0 | 3556.0 | 3567.4 | 3563.6 | 3571.2 | 3584.5 | 3590.2 | 3603.5 | 3615.0 | 3633.9 | 3651.1 |
| 15°   | 3487.5 | 3487.5 | 3491.4 | 3500.9 | 3506.5 | 3523.7 | 3533.2 | 3548.4 | 3561.8 | 3580.8 | 3605.4 |
| 17.5° | 3428.7 | 3426.8 | 3428.7 | 3440.0 | 3451.5 | 3466.7 | 3474.2 | 3493.2 | 3506.5 | 3531.3 | 3554.1 |
| 20°   | 3369.7 | 3373.5 | 3373.5 | 3383.0 | 3390.6 | 3409.6 | 3417.2 | 3438.2 | 3453.4 | 3476.1 | 3502.8 |
| 22.5° | 3318.4 | 3316.5 | 3316.5 | 3329.9 | 3335.5 | 3352.6 | 3360.2 | 3379.2 | 3396.4 | 3415.4 | 3440.0 |
| 25°   | 3267.1 | 3263.3 | 3270.9 | 3272.8 | 3276.6 | 3295.6 | 3301.3 | 3314.6 | 3331.7 | 3348.9 | 3373.5 |
| 27.5° | 3191.1 | 3187.4 | 3189.2 | 3196.8 | 3202.4 | 3217.6 | 3221.4 | 3234.8 | 3248.1 | 3263.3 | 3284.2 |
| 30°   | 3044.7 | 3041.0 | 3039.1 | 3052.4 | 3058.1 | 3069.5 | 3075.1 | 3097.9 | 3101.7 | 3118.8 | 3134.0 |
| 32.5° | 2850.9 | 2849.0 | 2852.8 | 2864.1 | 2869.9 | 2885.1 | 2892.7 | 2906.0 | 2915.4 | 2925.0 | 2940.2 |
| 35°   | 2634.2 | 2630.4 | 2634.2 | 2645.7 | 2645.7 | 2658.9 | 2664.7 | 2670.3 | 2668.4 | 2670.3 | 2666.5 |
| 37.5° | 2432.8 | 2430.8 | 2432.8 | 2438.4 | 2432.8 | 2438.4 | 2432.8 | 2421.3 | 2400.5 | 2377.6 | 2354.7 |
| 40°   | 2261.7 | 2263.6 | 2252.2 | 2259.8 | 2238.9 | 2235.2 | 2214.2 | 2185.6 | 2143.9 | 2098.2 | 2033.7 |
| 42.5° | 2079.2 | 2073.6 | 2066.0 | 2069.7 | 2052.7 | 2039.3 | 2005.1 | 1969.1 | 1915.8 | 1839.8 | 1761.9 |
| 45°   | 1855.0 | 1853.1 | 1849.3 | 1847.4 | 1836.0 | 1822.7 | 1794.2 | 1752.3 | 1693.5 | 1615.5 | 1522.4 |
| 47.5° | 1636.4 | 1630.7 | 1630.7 | 1632.6 | 1619.3 | 1617.4 | 1594.6 | 1558.5 | 1507.2 | 1431.1 | 1334.2 |
| 50°   | 1427.3 | 1425.4 | 1429.2 | 1436.9 | 1427.3 | 1423.6 | 1408.4 | 1383.6 | 1338.1 | 1273.4 | 1182.1 |
| 52.5° | 1239.2 | 1237.3 | 1241.1 | 1250.6 | 1246.7 | 1250.6 | 1235.4 | 1216.4 | 1186.0 | 1123.2 | 1043.4 |
| 55°   | 1054.8 | 1054.8 | 1054.8 | 1066.2 | 1066.2 | 1066.2 | 1058.6 | 1047.3 | 1018.7 | 973.1  | 899.0  |
| 57.5° | 862.9  | 864.8  | 876.2  | 878.1  | 876.2  | 880.0  | 878.1  | 866.6  | 847.7  | 815.4  | 758.4  |
| 60°   | 701.3  | 701.3  | 707.1  | 712.8  | 710.8  | 712.8  | 712.8  | 707.1  | 688.1  | 661.4  | 615.8  |
| 62.5° | 555.0  | 560.7  | 556.9  | 560.7  | 568.2  | 560.7  | 556.9  | 553.1  | 539.8  | 522.7  | 484.6  |
| 65°   | 420.0  | 423.9  | 423.9  | 425.7  | 421.9  | 423.9  | 416.2  | 410.5  | 403.0  | 384.0  | 359.2  |
| 67.5° | 319.4  | 319.4  | 319.4  | 319.4  | 317.4  | 315.4  | 313.7  | 307.9  | 294.6  | 287.0  | 260.3  |
| 70°   | 245.1  | 233.8  | 233.8  | 233.8  | 233.8  | 235.7  | 230.0  | 222.4  | 218.6  | 205.3  | 186.3  |
| 72.5° | 163.5  | 167.3  | 163.5  | 163.5  | 159.6  | 161.5  | 153.9  | 150.1  | 146.4  | 138.8  | 127.4  |
| 75°   | 117.8  | 108.3  | 112.0  | 114.1  | 108.3  | 112.0  | 104.5  | 97.0   | 97.0   | 91.2   | 85.5   |
| 77.5° | 76.0   | 74.1   | 76.0   | 78.0   | 76.0   | 74.1   | 70.3   | 66.5   | 66.5   | 64.6   | 59.0   |
| 80°   | 55.1   | 53.2   | 53.2   | 53.2   | 51.3   | 53.2   | 49.4   | 49.4   | 45.6   | 43.8   | 39.9   |
| 82.5° | 36.1   | 36.1   | 34.2   | 36.1   | 34.2   | 36.1   | 30.5   | 30.5   | 30.5   | 28.5   | 24.8   |
| 85°   | 24.8   | 20.9   | 20.9   | 22.8   | 19.0   | 22.8   | 20.9   | 19.0   | 17.1   | 17.1   | 15.2   |
| 87.5° | 11.5   | 13.3   | 11.5   | 13.3   | 11.5   | 11.5   | 13.3   | 11.5   | 11.5   | 7.5    | 7.5    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°    | 95°    | 100°   | 105°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3873.4 | 3875.3 | 3875.3 | 3882.9 | 3886.6 | 3888.6 | 3888.6 | 3903.9 | 3898.1 | 3902.0 | 3905.7 |
| 5°    | 3818.2 | 3829.6 | 3833.4 | 3833.4 | 3854.4 | 3861.9 | 3869.6 | 3886.6 | 3888.6 | 3899.9 | 3913.3 |
| 7.5°  | 3765.0 | 3778.3 | 3786.0 | 3803.1 | 3816.3 | 3829.6 | 3852.4 | 3863.9 | 3875.3 | 3890.5 | 3907.6 |
| 10°   | 3713.7 | 3728.9 | 3744.1 | 3757.4 | 3778.3 | 3795.4 | 3810.6 | 3837.3 | 3850.6 | 3871.5 | 3894.3 |
| 12.5° | 3664.4 | 3685.3 | 3698.6 | 3721.3 | 3744.1 | 3759.3 | 3782.1 | 3806.9 | 3827.8 | 3848.6 | 3875.3 |
| 15°   | 3620.6 | 3645.3 | 3660.5 | 3685.3 | 3709.9 | 3730.8 | 3755.6 | 3786.0 | 3801.2 | 3825.9 | 3850.6 |
| 17.5° | 3573.0 | 3599.8 | 3618.8 | 3641.5 | 3671.9 | 3694.7 | 3715.6 | 3746.0 | 3765.0 | 3791.6 | 3820.2 |
| 20°   | 3523.7 | 3550.3 | 3573.0 | 3596.0 | 3626.3 | 3649.0 | 3673.8 | 3704.3 | 3725.1 | 3751.8 | 3774.6 |
| 22.5° | 3464.8 | 3489.5 | 3514.2 | 3540.7 | 3571.2 | 3590.2 | 3618.8 | 3645.3 | 3668.1 | 3692.8 | 3715.6 |
| 25°   | 3388.7 | 3419.2 | 3438.2 | 3462.9 | 3487.5 | 3508.4 | 3538.9 | 3565.5 | 3584.5 | 3607.3 | 3628.2 |
| 27.5° | 3299.4 | 3322.2 | 3337.4 | 3358.4 | 3383.0 | 3402.0 | 3424.8 | 3451.5 | 3470.5 | 3491.4 | 3506.5 |
| 30°   | 3147.3 | 3168.3 | 3181.6 | 3196.8 | 3221.4 | 3238.6 | 3257.7 | 3282.3 | 3295.6 | 3310.9 | 3324.2 |
| 32.5° | 2947.7 | 2964.9 | 2972.5 | 2984.0 | 3001.0 | 3018.0 | 3033.3 | 3054.3 | 3060.0 | 3069.5 | 3069.5 |
| 35°   | 2658.9 | 2662.6 | 2660.8 | 2664.7 | 2672.2 | 2681.7 | 2695.0 | 2708.3 | 2715.9 | 2715.9 | 2710.2 |
| 37.5° | 2320.6 | 2297.8 | 2273.1 | 2254.0 | 2248.4 | 2244.6 | 2252.2 | 2257.9 | 2265.5 | 2269.2 | 2259.8 |
| 40°   | 1969.1 | 1917.7 | 1862.6 | 1813.2 | 1779.0 | 1763.8 | 1758.0 | 1761.9 | 1761.9 | 1775.1 | 1775.1 |
| 42.5° | 1666.8 | 1586.9 | 1505.2 | 1431.1 | 1381.7 | 1343.7 | 1326.6 | 1326.6 | 1328.5 | 1338.1 | 1343.7 |
| 45°   | 1415.9 | 1315.2 | 1220.2 | 1138.5 | 1070.0 | 1020.6 | 997.8  | 992.1  | 990.2  | 993.9  | 1007.3 |
| 47.5° | 1224.0 | 1119.5 | 1020.6 | 919.9  | 847.7  | 798.3  | 777.4  | 769.7  | 762.1  | 769.7  | 771.6  |
| 50°   | 1073.8 | 965.5  | 861.0  | 760.3  | 684.2  | 640.5  | 613.9  | 602.4  | 600.5  | 600.5  | 604.4  |
| 52.5° | 936.9  | 836.3  | 731.8  | 629.1  | 549.2  | 507.5  | 482.7  | 477.0  | 469.5  | 477.0  | 477.0  |
| 55°   | 807.8  | 707.1  | 604.4  | 507.5  | 440.9  | 397.2  | 374.4  | 366.9  | 363.0  | 368.7  | 368.7  |
| 57.5° | 667.1  | 581.5  | 486.6  | 399.2  | 332.7  | 302.2  | 285.1  | 275.6  | 273.6  | 277.4  | 273.6  |
| 60°   | 547.4  | 475.2  | 393.4  | 313.7  | 262.3  | 230.0  | 216.7  | 212.8  | 209.0  | 212.8  | 212.8  |
| 62.5° | 433.4  | 372.5  | 306.0  | 245.1  | 201.5  | 178.6  | 163.5  | 163.5  | 161.5  | 161.5  | 163.5  |
| 65°   | 321.2  | 273.6  | 226.1  | 174.8  | 140.6  | 123.5  | 112.0  | 112.0  | 110.2  | 112.0  | 110.2  |
| 67.5° | 233.8  | 201.5  | 163.5  | 127.4  | 100.8  | 91.2   | 83.6   | 78.0   | 81.8   | 78.0   | 76.0   |
| 70°   | 171.1  | 144.5  | 117.8  | 97.0   | 78.0   | 68.4   | 62.8   | 60.8   | 57.0   | 57.0   | 57.0   |
| 72.5° | 114.1  | 97.0   | 79.8   | 62.8   | 51.3   | 41.7   | 39.9   | 36.1   | 32.3   | 34.2   | 38.0   |
| 75°   | 76.0   | 64.6   | 57.0   | 45.6   | 34.2   | 34.2   | 22.8   | 22.8   | 19.0   | 22.8   | 17.1   |
| 77.5° | 53.2   | 43.8   | 34.2   | 28.5   | 22.8   | 20.9   | 15.2   | 15.2   | 13.3   | 13.3   | 13.3   |
| 80°   | 38.0   | 32.3   | 24.8   | 20.9   | 15.2   | 15.2   | 13.3   | 11.5   | 9.5    | 9.5    | 11.5   |
| 82.5° | 22.8   | 17.1   | 17.1   | 15.2   | 9.5    | 7.5    | 5.7    | 7.5    | 3.8    | 3.8    | 3.8    |
| 85°   | 13.3   | 11.5   | 9.5    | 5.7    | 3.8    | 3.8    | 1.9    | 0.0    | 1.9    | 1.9    | 0.0    |
| 87.5° | 7.5    | 3.8    | 3.8    | 1.9    | 0.0    | 1.9    | 1.9    | 0.0    | 0.0    | 0.0    | 3.8    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



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**CANDELA DISTRIBUTION (continued):**

|       | 110°   | 115°   | 120°   | 125°   | 130°   | 135°   | 140°   | 145°   | 150°   | 155°   | 160°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3915.2 | 3913.3 | 3917.1 | 3917.1 | 3928.5 | 3926.6 | 3932.3 | 3932.3 | 3928.5 | 3930.4 | 3938.0 |
| 5°    | 3928.5 | 3934.2 | 3945.6 | 3955.2 | 3972.2 | 3979.8 | 3989.4 | 3998.8 | 4000.7 | 4006.5 | 4012.2 |
| 7.5°  | 3928.5 | 3947.5 | 3960.8 | 3977.9 | 4000.7 | 4014.0 | 4034.9 | 4052.0 | 4059.7 | 4069.1 | 4080.5 |
| 10°   | 3920.8 | 3939.9 | 3964.6 | 3983.6 | 4012.2 | 4033.0 | 4053.9 | 4080.5 | 4092.0 | 4107.2 | 4122.3 |
| 12.5° | 3905.7 | 3926.6 | 3953.1 | 3977.9 | 4010.2 | 4029.2 | 4055.8 | 4080.5 | 4097.7 | 4118.5 | 4135.7 |
| 15°   | 3882.9 | 3907.6 | 3932.3 | 3957.0 | 3991.2 | 4014.0 | 4038.8 | 4067.2 | 4084.3 | 4107.2 | 4122.3 |
| 17.5° | 3846.8 | 3873.4 | 3896.2 | 3918.9 | 3951.3 | 3977.9 | 4000.7 | 4027.4 | 4044.5 | 4063.5 | 4084.3 |
| 20°   | 3803.1 | 3827.8 | 3852.4 | 3871.5 | 3903.9 | 3926.6 | 3951.3 | 3976.0 | 3989.4 | 3993.2 | 4025.5 |
| 22.5° | 3747.9 | 3765.0 | 3784.0 | 3814.4 | 3833.4 | 3854.4 | 3877.2 | 3899.9 | 3913.3 | 3934.2 | 3945.6 |
| 25°   | 3656.7 | 3673.8 | 3694.7 | 3708.0 | 3730.8 | 3747.9 | 3770.8 | 3795.4 | 3803.1 | 3818.2 | 3829.6 |
| 27.5° | 3529.4 | 3538.9 | 3548.4 | 3559.7 | 3573.0 | 3582.6 | 3596.0 | 3607.3 | 3615.0 | 3622.5 | 3630.0 |
| 30°   | 3327.9 | 3327.9 | 3327.9 | 3320.3 | 3326.0 | 3331.7 | 3333.6 | 3331.7 | 3331.7 | 3329.9 | 3329.9 |
| 32.5° | 3061.8 | 3046.6 | 3029.5 | 3014.3 | 3008.6 | 3001.0 | 2997.2 | 2991.5 | 2982.0 | 2976.3 | 2978.2 |
| 35°   | 2702.6 | 2668.4 | 2647.6 | 2628.6 | 2613.4 | 2601.9 | 2596.2 | 2590.5 | 2588.6 | 2581.0 | 2573.3 |
| 37.5° | 2254.0 | 2229.4 | 2214.2 | 2202.8 | 2189.5 | 2178.1 | 2179.9 | 2181.9 | 2187.6 | 2183.7 | 2185.6 |
| 40°   | 1779.0 | 1773.2 | 1779.0 | 1765.7 | 1761.9 | 1765.7 | 1775.1 | 1788.5 | 1796.1 | 1803.7 | 1817.0 |
| 42.5° | 1353.3 | 1362.7 | 1376.1 | 1376.1 | 1381.7 | 1389.4 | 1400.7 | 1421.7 | 1433.0 | 1446.3 | 1461.6 |
| 45°   | 1018.7 | 1030.2 | 1047.3 | 1052.9 | 1056.7 | 1066.2 | 1079.6 | 1096.6 | 1104.2 | 1115.7 | 1128.9 |
| 47.5° | 784.9  | 792.6  | 802.0  | 811.6  | 821.0  | 824.8  | 838.1  | 838.1  | 847.7  | 855.3  | 859.0  |
| 50°   | 612.0  | 619.5  | 627.2  | 632.9  | 636.8  | 642.4  | 646.2  | 651.9  | 653.7  | 657.6  | 659.5  |
| 52.5° | 478.9  | 488.5  | 488.5  | 492.2  | 497.9  | 503.7  | 501.8  | 503.7  | 505.6  | 505.6  | 511.2  |
| 55°   | 374.4  | 374.4  | 380.1  | 380.1  | 384.0  | 382.0  | 384.0  | 384.0  | 384.0  | 384.0  | 385.9  |
| 57.5° | 279.3  | 281.4  | 287.0  | 283.2  | 281.4  | 285.1  | 281.4  | 285.1  | 283.2  | 287.0  | 281.4  |
| 60°   | 214.8  | 214.8  | 216.7  | 216.7  | 218.6  | 218.6  | 218.6  | 216.7  | 216.7  | 214.8  | 214.8  |
| 62.5° | 161.5  | 163.5  | 165.4  | 163.5  | 163.5  | 163.5  | 161.5  | 161.5  | 159.6  | 157.7  | 157.7  |
| 65°   | 108.3  | 106.4  | 110.2  | 106.4  | 108.3  | 108.3  | 106.4  | 108.3  | 102.6  | 104.5  | 102.6  |
| 67.5° | 78.0   | 76.0   | 74.1   | 76.0   | 74.1   | 72.2   | 72.2   | 74.1   | 76.0   | 70.3   | 70.3   |
| 70°   | 51.3   | 53.2   | 51.3   | 53.2   | 55.1   | 55.1   | 53.2   | 51.3   | 53.2   | 49.4   | 51.3   |
| 72.5° | 32.3   | 32.3   | 32.3   | 32.3   | 32.3   | 34.2   | 34.2   | 34.2   | 30.5   | 30.5   | 28.5   |
| 75°   | 15.2   | 20.9   | 17.1   | 15.2   | 20.9   | 20.9   | 19.0   | 19.0   | 17.1   | 17.1   | 17.1   |
| 77.5° | 15.2   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 9.5    | 11.5   | 9.5    |
| 80°   | 7.5    | 7.5    | 7.5    | 5.7    | 7.5    | 7.5    | 9.5    | 7.5    | 7.5    | 5.7    | 9.5    |
| 82.5° | 3.8    | 3.8    | 3.8    | 0.0    | 1.9    | 3.8    | 3.8    | 1.9    | 3.8    | 3.8    | 1.9    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |





TEST NUMBER: P248634

CATALOG NUMBER: LSR8B80D010 EC8B80927 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 165°   | 170°   | 175°   | 180°   | 185°   | 190°   | 195°   | 200°   | 205°   | 210°   | 215°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3936.2 | 3934.2 | 3936.2 | 3938.0 | 3936.2 | 3934.2 | 3936.2 | 3938.0 | 3930.4 | 3928.5 | 3932.3 |
| 5°    | 4019.7 | 4019.7 | 4023.4 | 4025.5 | 4023.4 | 4019.7 | 4019.7 | 4012.2 | 4006.5 | 4000.7 | 3998.8 |
| 7.5°  | 4092.0 | 4095.8 | 4099.5 | 4101.4 | 4099.5 | 4095.8 | 4092.0 | 4080.5 | 4069.1 | 4059.7 | 4052.0 |
| 10°   | 4135.7 | 4141.3 | 4149.0 | 4152.7 | 4149.0 | 4141.3 | 4135.7 | 4122.3 | 4107.2 | 4092.0 | 4080.5 |
| 12.5° | 4154.7 | 4160.4 | 4169.8 | 4168.0 | 4169.8 | 4160.4 | 4154.7 | 4135.7 | 4118.5 | 4097.7 | 4080.5 |
| 15°   | 4141.3 | 4149.0 | 4158.4 | 4162.3 | 4158.4 | 4149.0 | 4141.3 | 4122.3 | 4107.2 | 4084.3 | 4067.2 |
| 17.5° | 4099.5 | 4111.0 | 4116.7 | 4122.3 | 4116.7 | 4111.0 | 4099.5 | 4084.3 | 4063.5 | 4044.5 | 4027.4 |
| 20°   | 4042.5 | 4050.2 | 4057.8 | 4059.7 | 4057.8 | 4050.2 | 4042.5 | 4025.5 | 3993.2 | 3989.4 | 3976.0 |
| 22.5° | 3960.8 | 3966.5 | 3983.6 | 3977.9 | 3983.6 | 3966.5 | 3960.8 | 3945.6 | 3934.2 | 3913.3 | 3899.9 |
| 25°   | 3843.0 | 3848.6 | 3850.6 | 3852.4 | 3850.6 | 3848.6 | 3843.0 | 3829.6 | 3818.2 | 3803.1 | 3795.4 |
| 27.5° | 3639.6 | 3639.6 | 3643.4 | 3645.3 | 3643.4 | 3639.6 | 3639.6 | 3630.0 | 3622.5 | 3615.0 | 3607.3 |
| 30°   | 3331.7 | 3331.7 | 3331.7 | 3341.2 | 3331.7 | 3331.7 | 3331.7 | 3329.9 | 3329.9 | 3331.7 | 3331.7 |
| 32.5° | 2976.3 | 2972.5 | 2968.8 | 2972.5 | 2968.8 | 2972.5 | 2976.3 | 2978.2 | 2976.3 | 2982.0 | 2991.5 |
| 35°   | 2573.3 | 2571.5 | 2577.2 | 2569.6 | 2577.2 | 2571.5 | 2573.3 | 2573.3 | 2581.0 | 2588.6 | 2590.5 |
| 37.5° | 2187.6 | 2183.7 | 2191.4 | 2183.7 | 2191.4 | 2183.7 | 2187.6 | 2185.6 | 2183.7 | 2187.6 | 2181.9 |
| 40°   | 1820.8 | 1824.5 | 1824.5 | 1839.8 | 1824.5 | 1824.5 | 1820.8 | 1817.0 | 1803.7 | 1796.1 | 1788.5 |
| 42.5° | 1469.1 | 1480.6 | 1476.8 | 1488.1 | 1476.8 | 1480.6 | 1469.1 | 1461.6 | 1446.3 | 1433.0 | 1421.7 |
| 45°   | 1136.5 | 1144.2 | 1144.2 | 1148.0 | 1144.2 | 1144.2 | 1136.5 | 1128.9 | 1115.7 | 1104.2 | 1096.6 |
| 47.5° | 872.3  | 872.3  | 872.3  | 874.2  | 872.3  | 872.3  | 872.3  | 859.0  | 855.3  | 847.7  | 838.1  |
| 50°   | 663.3  | 665.2  | 667.1  | 669.0  | 667.1  | 665.2  | 663.3  | 659.5  | 657.6  | 653.7  | 651.9  |
| 52.5° | 509.4  | 511.2  | 507.5  | 511.2  | 507.5  | 511.2  | 509.4  | 511.2  | 505.6  | 505.6  | 503.7  |
| 55°   | 385.9  | 384.0  | 385.9  | 387.7  | 385.9  | 384.0  | 385.9  | 385.9  | 384.0  | 384.0  | 384.0  |
| 57.5° | 283.2  | 279.3  | 279.3  | 279.3  | 279.3  | 279.3  | 283.2  | 281.4  | 287.0  | 283.2  | 285.1  |
| 60°   | 210.9  | 212.8  | 212.8  | 214.8  | 212.8  | 212.8  | 210.9  | 214.8  | 214.8  | 216.7  | 216.7  |
| 62.5° | 155.8  | 161.5  | 157.7  | 161.5  | 157.7  | 161.5  | 155.8  | 157.7  | 157.7  | 159.6  | 161.5  |
| 65°   | 100.8  | 100.8  | 100.8  | 102.6  | 100.8  | 100.8  | 100.8  | 102.6  | 104.5  | 102.6  | 108.3  |
| 67.5° | 68.4   | 70.3   | 74.1   | 72.2   | 74.1   | 70.3   | 68.4   | 70.3   | 70.3   | 76.0   | 74.1   |
| 70°   | 55.1   | 49.4   | 49.4   | 55.1   | 49.4   | 49.4   | 55.1   | 51.3   | 49.4   | 53.2   | 51.3   |
| 72.5° | 32.3   | 28.5   | 32.3   | 32.3   | 32.3   | 28.5   | 32.3   | 28.5   | 30.5   | 30.5   | 34.2   |
| 75°   | 17.1   | 15.2   | 13.3   | 19.0   | 13.3   | 15.2   | 17.1   | 17.1   | 17.1   | 17.1   | 19.0   |
| 77.5° | 11.5   | 9.5    | 13.3   | 13.3   | 13.3   | 9.5    | 11.5   | 9.5    | 11.5   | 9.5    | 11.5   |
| 80°   | 5.7    | 7.5    | 5.7    | 9.5    | 5.7    | 7.5    | 5.7    | 9.5    | 5.7    | 7.5    | 7.5    |
| 82.5° | 1.9    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 1.9    | 1.9    | 3.8    | 3.8    | 1.9    |
| 85°   | 0.0    | 3.8    | 1.9    | 1.9    | 1.9    | 3.8    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |
| 87.5° | 1.9    | 0.0    | 0.0    | 1.9    | 0.0    | 0.0    | 1.9    | 0.0    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248634

CATALOG NUMBER: LSR8B80D010 EC8B80927 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 220°   | 225°   | 230°   | 235°   | 240°   | 245°   | 250°   | 255°   | 260°   | 265°   | 270°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3932.3 | 3926.6 | 3928.5 | 3917.1 | 3917.1 | 3913.3 | 3915.2 | 3905.7 | 3902.0 | 3898.1 | 3903.9 |
| 5°    | 3989.4 | 3979.8 | 3972.2 | 3955.2 | 3945.6 | 3934.2 | 3928.5 | 3913.3 | 3899.9 | 3888.6 | 3886.6 |
| 7.5°  | 4034.9 | 4014.0 | 4000.7 | 3977.9 | 3960.8 | 3947.5 | 3928.5 | 3907.6 | 3890.5 | 3875.3 | 3863.9 |
| 10°   | 4053.9 | 4033.0 | 4012.2 | 3983.6 | 3964.6 | 3939.9 | 3920.8 | 3894.3 | 3871.5 | 3850.6 | 3837.3 |
| 12.5° | 4055.8 | 4029.2 | 4010.2 | 3977.9 | 3953.1 | 3926.6 | 3905.7 | 3875.3 | 3848.6 | 3827.8 | 3806.9 |
| 15°   | 4038.8 | 4014.0 | 3991.2 | 3957.0 | 3932.3 | 3907.6 | 3882.9 | 3850.6 | 3825.9 | 3801.2 | 3786.0 |
| 17.5° | 4000.7 | 3977.9 | 3951.3 | 3918.9 | 3896.2 | 3873.4 | 3846.8 | 3820.2 | 3791.6 | 3765.0 | 3746.0 |
| 20°   | 3951.3 | 3926.6 | 3903.9 | 3871.5 | 3852.4 | 3827.8 | 3803.1 | 3774.6 | 3751.8 | 3725.1 | 3704.3 |
| 22.5° | 3877.2 | 3854.4 | 3833.4 | 3814.4 | 3784.0 | 3765.0 | 3747.9 | 3715.6 | 3692.8 | 3668.1 | 3645.3 |
| 25°   | 3770.8 | 3747.9 | 3730.8 | 3708.0 | 3694.7 | 3673.8 | 3656.7 | 3628.2 | 3607.3 | 3584.5 | 3565.5 |
| 27.5° | 3596.0 | 3582.6 | 3573.0 | 3559.7 | 3548.4 | 3538.9 | 3529.4 | 3506.5 | 3491.4 | 3470.5 | 3451.5 |
| 30°   | 3333.6 | 3331.7 | 3326.0 | 3320.3 | 3327.9 | 3327.9 | 3327.9 | 3324.2 | 3310.9 | 3295.6 | 3282.3 |
| 32.5° | 2997.2 | 3001.0 | 3008.6 | 3014.3 | 3029.5 | 3046.6 | 3061.8 | 3069.5 | 3069.5 | 3060.0 | 3054.3 |
| 35°   | 2596.2 | 2601.9 | 2613.4 | 2628.6 | 2647.6 | 2668.4 | 2702.6 | 2710.2 | 2715.9 | 2715.9 | 2708.3 |
| 37.5° | 2179.9 | 2178.1 | 2189.5 | 2202.8 | 2214.2 | 2229.4 | 2254.0 | 2259.8 | 2269.2 | 2265.5 | 2257.9 |
| 40°   | 1775.1 | 1765.7 | 1761.9 | 1765.7 | 1779.0 | 1773.2 | 1779.0 | 1775.1 | 1775.1 | 1761.9 | 1761.9 |
| 42.5° | 1400.7 | 1389.4 | 1381.7 | 1376.1 | 1376.1 | 1362.7 | 1353.3 | 1343.7 | 1338.1 | 1328.5 | 1326.6 |
| 45°   | 1079.6 | 1066.2 | 1056.7 | 1052.9 | 1047.3 | 1030.2 | 1018.7 | 1007.3 | 993.9  | 990.2  | 992.1  |
| 47.5° | 838.1  | 824.8  | 821.0  | 811.6  | 802.0  | 792.6  | 784.9  | 771.6  | 769.7  | 762.1  | 769.7  |
| 50°   | 646.2  | 642.4  | 636.8  | 632.9  | 627.2  | 619.5  | 612.0  | 604.4  | 600.5  | 600.5  | 602.4  |
| 52.5° | 501.8  | 503.7  | 497.9  | 492.2  | 488.5  | 488.5  | 478.9  | 477.0  | 477.0  | 469.5  | 477.0  |
| 55°   | 384.0  | 382.0  | 384.0  | 380.1  | 380.1  | 374.4  | 374.4  | 368.7  | 368.7  | 363.0  | 366.9  |
| 57.5° | 281.4  | 285.1  | 281.4  | 283.2  | 287.0  | 281.4  | 279.3  | 273.6  | 277.4  | 273.6  | 275.6  |
| 60°   | 218.6  | 218.6  | 218.6  | 216.7  | 216.7  | 214.8  | 214.8  | 212.8  | 212.8  | 209.0  | 212.8  |
| 62.5° | 161.5  | 163.5  | 163.5  | 163.5  | 165.4  | 163.5  | 161.5  | 163.5  | 161.5  | 161.5  | 163.5  |
| 65°   | 106.4  | 108.3  | 108.3  | 106.4  | 110.2  | 106.4  | 108.3  | 110.2  | 112.0  | 110.2  | 112.0  |
| 67.5° | 72.2   | 72.2   | 74.1   | 76.0   | 74.1   | 76.0   | 78.0   | 76.0   | 78.0   | 81.8   | 78.0   |
| 70°   | 53.2   | 55.1   | 55.1   | 53.2   | 51.3   | 53.2   | 51.3   | 57.0   | 57.0   | 57.0   | 60.8   |
| 72.5° | 34.2   | 34.2   | 32.3   | 32.3   | 32.3   | 32.3   | 32.3   | 38.0   | 34.2   | 32.3   | 36.1   |
| 75°   | 19.0   | 20.9   | 20.9   | 15.2   | 17.1   | 20.9   | 15.2   | 17.1   | 22.8   | 19.0   | 22.8   |
| 77.5° | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 11.5   | 15.2   | 13.3   | 13.3   | 13.3   | 15.2   |
| 80°   | 9.5    | 7.5    | 7.5    | 5.7    | 7.5    | 7.5    | 7.5    | 11.5   | 9.5    | 9.5    | 11.5   |
| 82.5° | 3.8    | 3.8    | 1.9    | 0.0    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 3.8    | 7.5    |
| 85°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 1.9    | 1.9    | 0.0    |
| 87.5° | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 3.8    | 0.0    | 0.0    | 0.0    |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248634

CATALOG NUMBER: LSR8B80D010 EC8B80927 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3888.6 | 3888.6 | 3886.6 | 3882.9 | 3875.3 | 3875.3 | 3873.4 | 3867.6 | 3863.9 | 3861.9 | 3861.9 |
| 5°    | 3869.6 | 3861.9 | 3854.4 | 3833.4 | 3833.4 | 3829.6 | 3818.2 | 3810.6 | 3806.9 | 3797.3 | 3793.6 |
| 7.5°  | 3852.4 | 3829.6 | 3816.3 | 3803.1 | 3786.0 | 3778.3 | 3765.0 | 3759.3 | 3746.0 | 3736.6 | 3730.8 |
| 10°   | 3810.6 | 3795.4 | 3778.3 | 3757.4 | 3744.1 | 3728.9 | 3713.7 | 3702.4 | 3685.3 | 3675.7 | 3668.1 |
| 12.5° | 3782.1 | 3759.3 | 3744.1 | 3721.3 | 3698.6 | 3685.3 | 3664.4 | 3651.1 | 3633.9 | 3615.0 | 3603.5 |
| 15°   | 3755.6 | 3730.8 | 3709.9 | 3685.3 | 3660.5 | 3645.3 | 3620.6 | 3605.4 | 3580.8 | 3561.8 | 3548.4 |
| 17.5° | 3715.6 | 3694.7 | 3671.9 | 3641.5 | 3618.8 | 3599.8 | 3573.0 | 3554.1 | 3531.3 | 3506.5 | 3493.2 |
| 20°   | 3673.8 | 3649.0 | 3626.3 | 3596.0 | 3573.0 | 3550.3 | 3523.7 | 3502.8 | 3476.1 | 3453.4 | 3438.2 |
| 22.5° | 3618.8 | 3590.2 | 3571.2 | 3540.7 | 3514.2 | 3489.5 | 3464.8 | 3440.0 | 3415.4 | 3396.4 | 3379.2 |
| 25°   | 3538.9 | 3508.4 | 3487.5 | 3462.9 | 3438.2 | 3419.2 | 3388.7 | 3373.5 | 3348.9 | 3331.7 | 3314.6 |
| 27.5° | 3424.8 | 3402.0 | 3383.0 | 3358.4 | 3337.4 | 3322.2 | 3299.4 | 3284.2 | 3263.3 | 3248.1 | 3234.8 |
| 30°   | 3257.7 | 3238.6 | 3221.4 | 3196.8 | 3181.6 | 3168.3 | 3147.3 | 3134.0 | 3118.8 | 3101.7 | 3097.9 |
| 32.5° | 3033.3 | 3018.0 | 3001.0 | 2984.0 | 2972.5 | 2964.9 | 2947.7 | 2940.2 | 2925.0 | 2915.4 | 2906.0 |
| 35°   | 2695.0 | 2681.7 | 2672.2 | 2664.7 | 2660.8 | 2662.6 | 2658.9 | 2666.5 | 2670.3 | 2668.4 | 2670.3 |
| 37.5° | 2252.2 | 2244.6 | 2248.4 | 2254.0 | 2273.1 | 2297.8 | 2320.6 | 2354.7 | 2377.6 | 2400.5 | 2421.3 |
| 40°   | 1758.0 | 1763.8 | 1779.0 | 1813.2 | 1862.6 | 1917.7 | 1969.1 | 2033.7 | 2098.2 | 2143.9 | 2185.6 |
| 42.5° | 1326.6 | 1343.7 | 1381.7 | 1431.1 | 1505.2 | 1586.9 | 1666.8 | 1761.9 | 1839.8 | 1915.8 | 1969.1 |
| 45°   | 997.8  | 1020.6 | 1070.0 | 1138.5 | 1220.2 | 1315.2 | 1415.9 | 1522.4 | 1615.5 | 1693.5 | 1752.3 |
| 47.5° | 777.4  | 798.3  | 847.7  | 919.9  | 1020.6 | 1119.5 | 1224.0 | 1334.2 | 1431.1 | 1507.2 | 1558.5 |
| 50°   | 613.9  | 640.5  | 684.2  | 760.3  | 861.0  | 965.5  | 1073.8 | 1182.1 | 1273.4 | 1338.1 | 1383.6 |
| 52.5° | 482.7  | 507.5  | 549.2  | 629.1  | 731.8  | 836.3  | 936.9  | 1043.4 | 1123.2 | 1186.0 | 1216.4 |
| 55°   | 374.4  | 397.2  | 440.9  | 507.5  | 604.4  | 707.1  | 807.8  | 899.0  | 973.1  | 1018.7 | 1047.3 |
| 57.5° | 285.1  | 302.2  | 332.7  | 399.2  | 486.6  | 581.5  | 667.1  | 758.4  | 815.4  | 847.7  | 866.6  |
| 60°   | 216.7  | 230.0  | 262.3  | 313.7  | 393.4  | 475.2  | 547.4  | 615.8  | 661.4  | 688.1  | 707.1  |
| 62.5° | 163.5  | 178.6  | 201.5  | 245.1  | 306.0  | 372.5  | 433.4  | 484.6  | 522.7  | 539.8  | 553.1  |
| 65°   | 112.0  | 123.5  | 140.6  | 174.8  | 226.1  | 273.6  | 321.2  | 359.2  | 384.0  | 403.0  | 410.5  |
| 67.5° | 83.6   | 91.2   | 100.8  | 127.4  | 163.5  | 201.5  | 233.8  | 260.3  | 287.0  | 294.6  | 307.9  |
| 70°   | 62.8   | 68.4   | 78.0   | 97.0   | 117.8  | 144.5  | 171.1  | 186.3  | 205.3  | 218.6  | 222.4  |
| 72.5° | 39.9   | 41.7   | 51.3   | 62.8   | 79.8   | 97.0   | 114.1  | 127.4  | 138.8  | 146.4  | 150.1  |
| 75°   | 22.8   | 34.2   | 34.2   | 45.6   | 57.0   | 64.6   | 76.0   | 85.5   | 91.2   | 97.0   | 97.0   |
| 77.5° | 15.2   | 20.9   | 22.8   | 28.5   | 34.2   | 43.8   | 53.2   | 59.0   | 64.6   | 66.5   | 66.5   |
| 80°   | 13.3   | 15.2   | 15.2   | 20.9   | 24.8   | 32.3   | 38.0   | 39.9   | 43.8   | 45.6   | 49.4   |
| 82.5° | 5.7    | 7.5    | 9.5    | 15.2   | 17.1   | 17.1   | 22.8   | 24.8   | 28.5   | 30.5   | 30.5   |
| 85°   | 1.9    | 3.8    | 3.8    | 5.7    | 9.5    | 11.5   | 13.3   | 15.2   | 17.1   | 17.1   | 19.0   |
| 87.5° | 1.9    | 1.9    | 0.0    | 1.9    | 3.8    | 3.8    | 7.5    | 7.5    | 7.5    | 11.5   | 11.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |



TEST NUMBER: P248634

CATALOG NUMBER: LSR8B80D010 EC8B80927 8LBSW0H

**CANDELA DISTRIBUTION (continued):**

|       | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0°    | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 | 3892.4 |
| 2.5°  | 3858.2 | 3860.1 | 3852.4 | 3850.6 | 3846.8 | 3848.6 | 3852.4 |
| 5°    | 3787.9 | 3789.8 | 3782.1 | 3774.6 | 3774.6 | 3772.6 | 3774.6 |
| 7.5°  | 3721.3 | 3723.3 | 3711.8 | 3708.0 | 3700.5 | 3702.4 | 3702.4 |
| 10°   | 3654.8 | 3654.8 | 3637.8 | 3635.8 | 3630.0 | 3628.2 | 3628.2 |
| 12.5° | 3590.2 | 3584.5 | 3571.2 | 3563.6 | 3567.4 | 3556.0 | 3556.0 |
| 15°   | 3533.2 | 3523.7 | 3506.5 | 3500.9 | 3491.4 | 3487.5 | 3487.5 |
| 17.5° | 3474.2 | 3466.7 | 3451.5 | 3440.0 | 3428.7 | 3426.8 | 3428.7 |
| 20°   | 3417.2 | 3409.6 | 3390.6 | 3383.0 | 3373.5 | 3373.5 | 3369.7 |
| 22.5° | 3360.2 | 3352.6 | 3335.5 | 3329.9 | 3316.5 | 3316.5 | 3318.4 |
| 25°   | 3301.3 | 3295.6 | 3276.6 | 3272.8 | 3270.9 | 3263.3 | 3267.1 |
| 27.5° | 3221.4 | 3217.6 | 3202.4 | 3196.8 | 3189.2 | 3187.4 | 3191.1 |
| 30°   | 3075.1 | 3069.5 | 3058.1 | 3052.4 | 3039.1 | 3041.0 | 3044.7 |
| 32.5° | 2892.7 | 2885.1 | 2869.9 | 2864.1 | 2852.8 | 2849.0 | 2850.9 |
| 35°   | 2664.7 | 2658.9 | 2645.7 | 2645.7 | 2634.2 | 2630.4 | 2634.2 |
| 37.5° | 2432.8 | 2438.4 | 2432.8 | 2438.4 | 2432.8 | 2430.8 | 2432.8 |
| 40°   | 2214.2 | 2235.2 | 2238.9 | 2259.8 | 2252.2 | 2263.6 | 2261.7 |
| 42.5° | 2005.1 | 2039.3 | 2052.7 | 2069.7 | 2066.0 | 2073.6 | 2079.2 |
| 45°   | 1794.2 | 1822.7 | 1836.0 | 1847.4 | 1849.3 | 1853.1 | 1855.0 |
| 47.5° | 1594.6 | 1617.4 | 1619.3 | 1632.6 | 1630.7 | 1630.7 | 1636.4 |
| 50°   | 1408.4 | 1423.6 | 1427.3 | 1436.9 | 1429.2 | 1425.4 | 1427.3 |
| 52.5° | 1235.4 | 1250.6 | 1246.7 | 1250.6 | 1241.1 | 1237.3 | 1239.2 |
| 55°   | 1058.6 | 1066.2 | 1066.2 | 1066.2 | 1054.8 | 1054.8 | 1054.8 |
| 57.5° | 878.1  | 880.0  | 876.2  | 878.1  | 876.2  | 864.8  | 862.9  |
| 60°   | 712.8  | 712.8  | 710.8  | 712.8  | 707.1  | 701.3  | 701.3  |
| 62.5° | 556.9  | 560.7  | 568.2  | 560.7  | 556.9  | 560.7  | 555.0  |
| 65°   | 416.2  | 423.9  | 421.9  | 425.7  | 423.9  | 423.9  | 420.0  |
| 67.5° | 313.7  | 315.4  | 317.4  | 319.4  | 319.4  | 319.4  | 319.4  |
| 70°   | 230.0  | 235.7  | 233.8  | 233.8  | 233.8  | 233.8  | 245.1  |
| 72.5° | 153.9  | 161.5  | 159.6  | 163.5  | 163.5  | 167.3  | 163.5  |
| 75°   | 104.5  | 112.0  | 108.3  | 114.1  | 112.0  | 108.3  | 117.8  |
| 77.5° | 70.3   | 74.1   | 76.0   | 78.0   | 76.0   | 74.1   | 76.0   |
| 80°   | 49.4   | 53.2   | 51.3   | 53.2   | 53.2   | 53.2   | 55.1   |
| 82.5° | 30.5   | 36.1   | 34.2   | 36.1   | 34.2   | 36.1   | 36.1   |
| 85°   | 20.9   | 22.8   | 19.0   | 22.8   | 20.9   | 20.9   | 24.8   |
| 87.5° | 13.3   | 11.5   | 11.5   | 13.3   | 11.5   | 13.3   | 11.5   |
| 90°   | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    | 0.0    |

(END OF REPORT)