

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 EC8B809727 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 EC8B809727 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: 5828.0 lumens
Efficiency: N/A
Efficacy: 78.3 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

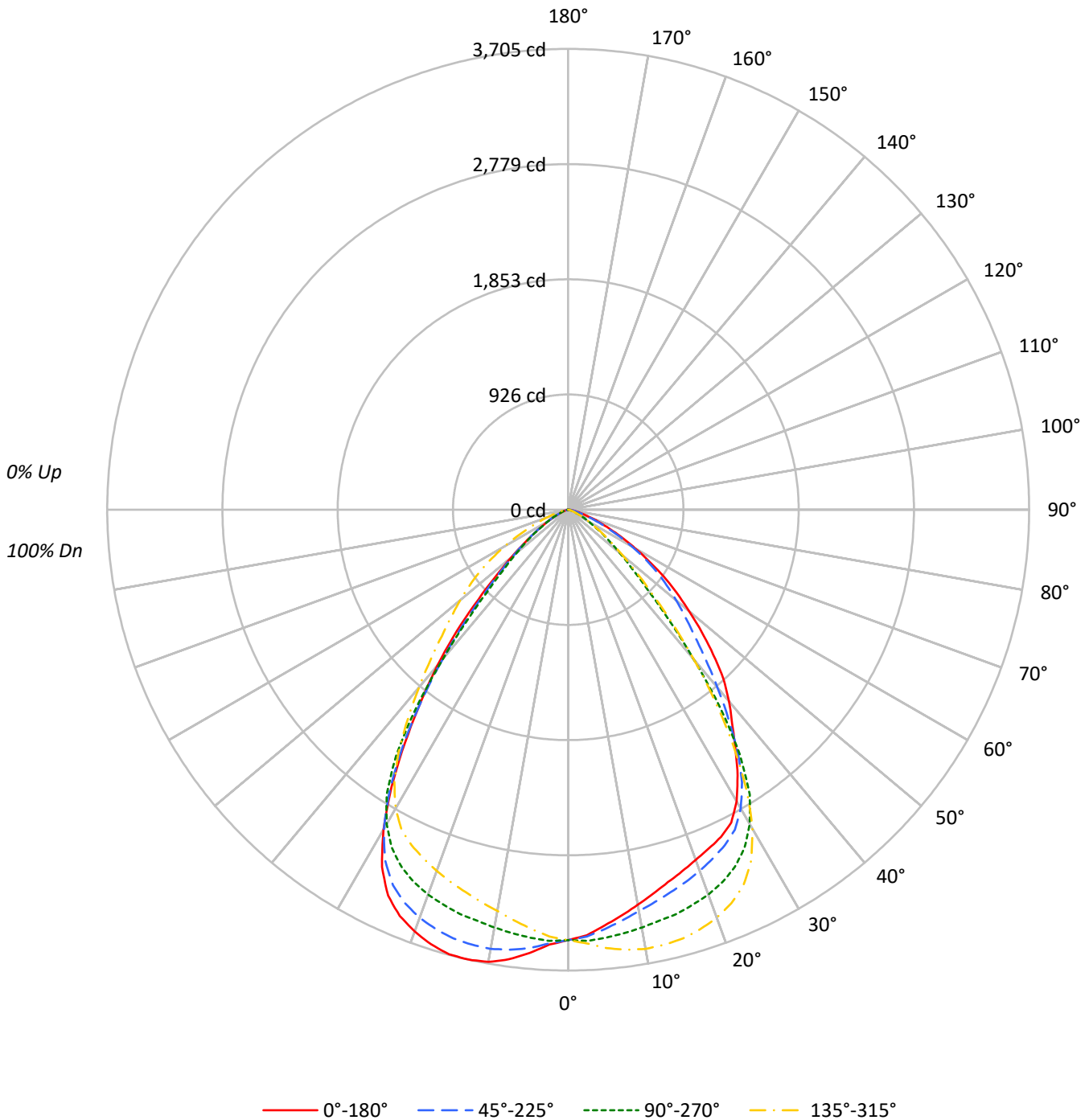
Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248634

CATALOG NUMBER: LSR8B80D010 EC8B809727 8LBSW0H

Luminous Intensity Polar Plot





TEST NUMBER: P248634

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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° | 329.3 | 5.7 |
| 10°-20° | 953.6 | 16.4 |
| 20°-30° | 1444.0 | 24.8 |
| 30°-40° | 1447.3 | 24.8 |
| 40°-50° | 908.8 | 15.6 |
| 50°-60° | 484.3 | 8.3 |
| 60°-70° | 199.2 | 3.4 |
| 70°-80° | 52.6 | 0.9 |
| 80°-90° | 8.9 | 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° | 2727.0 | 46.8 |
| 0°-40° | 4174.2 | 71.6 |
| 0°-60° | 5567.3 | 95.5 |
| 0°-90° | 5828.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 5828.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3460 | 3460 | 3460 | 3460 | 3460 | |
| 5° | 3355 | 3455 | 3578 | 3455 | 3355 | 316 |
| 15° | 3100 | 3365 | 3700 | 3365 | 3100 | 877 |
| 25° | 2904 | 3169 | 3424 | 3169 | 2904 | 1332 |
| 35° | 2342 | 2407 | 2284 | 2407 | 2342 | 1467 |
| 45° | 1649 | 882 | 1020 | 882 | 1649 | 1268 |
| 55° | 938 | 326 | 345 | 326 | 938 | 836 |
| 65° | 373 | 100 | 91 | 100 | 373 | 387 |
| 75° | 105 | 20 | 17 | 20 | 105 | 119 |
| 85° | 22 | 0 | 2 | 0 | 22 | 24 |
| 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° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3424.4 | 3421.0 | 3419.4 | 3422.8 | 3424.4 | 3431.2 | 3429.5 | 3432.8 | 3432.8 | 3434.6 | 3437.9 |
| 5° | 3355.2 | 3353.4 | 3355.2 | 3355.2 | 3361.9 | 3368.7 | 3367.0 | 3372.1 | 3375.4 | 3383.9 | 3387.2 |
| 7.5° | 3291.0 | 3291.0 | 3289.3 | 3296.0 | 3299.4 | 3309.6 | 3307.8 | 3316.3 | 3321.4 | 3329.8 | 3341.6 |
| 10° | 3225.1 | 3225.1 | 3226.7 | 3231.8 | 3233.6 | 3248.7 | 3248.7 | 3260.5 | 3267.3 | 3275.8 | 3291.0 |
| 12.5° | 3160.9 | 3160.9 | 3171.0 | 3167.6 | 3174.4 | 3186.2 | 3191.3 | 3203.1 | 3213.3 | 3230.1 | 3245.4 |
| 15° | 3100.0 | 3100.0 | 3103.5 | 3111.9 | 3116.9 | 3132.2 | 3140.6 | 3154.1 | 3166.0 | 3182.9 | 3204.8 |
| 17.5° | 3047.7 | 3046.0 | 3047.7 | 3057.8 | 3068.0 | 3081.5 | 3088.2 | 3105.1 | 3116.9 | 3138.9 | 3159.2 |
| 20° | 2995.3 | 2998.7 | 2998.7 | 3007.1 | 3013.9 | 3030.8 | 3037.5 | 3056.2 | 3069.7 | 3089.9 | 3113.6 |
| 22.5° | 2949.7 | 2948.0 | 2948.0 | 2959.9 | 2964.9 | 2980.1 | 2986.8 | 3003.7 | 3019.0 | 3035.9 | 3057.8 |
| 25° | 2904.1 | 2900.7 | 2907.5 | 2909.2 | 2912.5 | 2929.4 | 2934.5 | 2946.3 | 2961.5 | 2976.8 | 2998.7 |
| 27.5° | 2836.5 | 2833.2 | 2834.8 | 2841.6 | 2846.6 | 2860.1 | 2863.5 | 2875.4 | 2887.2 | 2900.7 | 2919.3 |
| 30° | 2706.4 | 2703.1 | 2701.4 | 2713.2 | 2718.3 | 2728.4 | 2733.4 | 2753.7 | 2757.1 | 2772.3 | 2785.8 |
| 32.5° | 2534.1 | 2532.4 | 2535.8 | 2545.9 | 2551.0 | 2564.5 | 2571.3 | 2583.1 | 2591.5 | 2600.0 | 2613.5 |
| 35° | 2341.5 | 2338.1 | 2341.5 | 2351.7 | 2351.7 | 2363.5 | 2368.6 | 2373.6 | 2371.9 | 2373.6 | 2370.2 |
| 37.5° | 2162.5 | 2160.7 | 2162.5 | 2167.5 | 2162.5 | 2167.5 | 2162.5 | 2152.3 | 2133.8 | 2113.4 | 2093.1 |
| 40° | 2010.4 | 2012.1 | 2002.0 | 2008.7 | 1990.1 | 1986.8 | 1968.2 | 1942.8 | 1905.7 | 1865.1 | 1807.7 |
| 42.5° | 1848.2 | 1843.2 | 1836.4 | 1839.7 | 1824.6 | 1812.7 | 1782.3 | 1750.3 | 1702.9 | 1635.4 | 1566.1 |
| 45° | 1648.9 | 1647.2 | 1643.8 | 1642.1 | 1632.0 | 1620.2 | 1594.8 | 1557.6 | 1505.3 | 1436.0 | 1353.2 |
| 47.5° | 1454.6 | 1449.5 | 1449.5 | 1451.2 | 1439.4 | 1437.7 | 1417.4 | 1385.3 | 1339.7 | 1272.1 | 1186.0 |
| 50° | 1268.7 | 1267.0 | 1270.4 | 1277.2 | 1268.7 | 1265.4 | 1251.9 | 1229.9 | 1189.4 | 1131.9 | 1050.8 |
| 52.5° | 1101.5 | 1099.8 | 1103.2 | 1111.6 | 1108.2 | 1111.6 | 1098.1 | 1081.2 | 1054.2 | 998.4 | 927.5 |
| 55° | 937.6 | 937.6 | 937.6 | 947.7 | 947.7 | 947.7 | 941.0 | 930.9 | 905.5 | 865.0 | 799.1 |
| 57.5° | 767.0 | 768.7 | 778.8 | 780.5 | 778.8 | 782.2 | 780.5 | 770.3 | 753.5 | 724.8 | 674.1 |
| 60° | 623.4 | 623.4 | 628.5 | 633.6 | 631.8 | 633.6 | 633.6 | 628.5 | 611.6 | 587.9 | 547.4 |
| 62.5° | 493.3 | 498.4 | 495.0 | 498.4 | 505.1 | 498.4 | 495.0 | 491.6 | 479.8 | 464.6 | 430.8 |
| 65° | 373.3 | 376.8 | 376.8 | 378.4 | 375.0 | 376.8 | 370.0 | 364.9 | 358.2 | 341.3 | 319.3 |
| 67.5° | 283.9 | 283.9 | 283.9 | 283.9 | 282.1 | 280.4 | 278.8 | 273.7 | 261.9 | 255.1 | 231.4 |
| 70° | 217.9 | 207.8 | 207.8 | 207.8 | 207.8 | 209.5 | 204.4 | 197.7 | 194.3 | 182.5 | 165.6 |
| 72.5° | 145.3 | 148.7 | 145.3 | 145.3 | 141.9 | 143.6 | 136.8 | 133.4 | 130.1 | 123.4 | 113.2 |
| 75° | 104.7 | 96.3 | 99.6 | 101.4 | 96.3 | 99.6 | 92.9 | 86.2 | 86.2 | 81.1 | 76.0 |
| 77.5° | 67.6 | 65.9 | 67.6 | 69.3 | 67.6 | 65.9 | 62.5 | 59.1 | 59.1 | 57.4 | 52.4 |
| 80° | 49.0 | 47.3 | 47.3 | 47.3 | 45.6 | 47.3 | 43.9 | 43.9 | 40.5 | 38.9 | 35.5 |
| 82.5° | 32.1 | 32.1 | 30.4 | 32.1 | 30.4 | 32.1 | 27.1 | 27.1 | 27.1 | 25.3 | 22.0 |
| 85° | 22.0 | 18.6 | 18.6 | 20.3 | 16.9 | 20.3 | 18.6 | 16.9 | 15.2 | 15.2 | 13.5 |
| 87.5° | 10.2 | 11.8 | 10.2 | 11.8 | 10.2 | 10.2 | 11.8 | 10.2 | 10.2 | 6.7 | 6.7 |
| 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

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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3443.0 | 3444.7 | 3444.7 | 3451.5 | 3454.8 | 3456.5 | 3456.5 | 3470.1 | 3465.0 | 3468.4 | 3471.7 |
| 5° | 3394.0 | 3404.1 | 3407.5 | 3407.5 | 3426.1 | 3432.8 | 3439.6 | 3454.8 | 3456.5 | 3466.6 | 3478.5 |
| 7.5° | 3346.7 | 3358.5 | 3365.3 | 3380.5 | 3392.3 | 3404.1 | 3424.4 | 3434.6 | 3444.7 | 3458.2 | 3473.4 |
| 10° | 3301.1 | 3314.6 | 3328.1 | 3339.9 | 3358.5 | 3373.7 | 3387.2 | 3410.9 | 3422.8 | 3441.3 | 3461.6 |
| 12.5° | 3257.2 | 3275.8 | 3287.6 | 3307.8 | 3328.1 | 3341.6 | 3361.9 | 3383.9 | 3402.5 | 3421.0 | 3444.7 |
| 15° | 3218.3 | 3240.3 | 3253.8 | 3275.8 | 3297.7 | 3316.3 | 3338.3 | 3365.3 | 3378.8 | 3400.8 | 3422.8 |
| 17.5° | 3176.0 | 3199.8 | 3216.7 | 3236.9 | 3263.9 | 3284.2 | 3302.8 | 3329.8 | 3346.7 | 3370.3 | 3395.7 |
| 20° | 3132.2 | 3155.8 | 3176.0 | 3196.4 | 3223.4 | 3243.6 | 3265.6 | 3292.7 | 3311.2 | 3334.9 | 3355.2 |
| 22.5° | 3079.8 | 3101.8 | 3123.7 | 3147.3 | 3174.4 | 3191.3 | 3216.7 | 3240.3 | 3260.5 | 3282.5 | 3302.8 |
| 25° | 3012.2 | 3039.3 | 3056.2 | 3078.1 | 3100.0 | 3118.6 | 3145.7 | 3169.3 | 3186.2 | 3206.5 | 3225.1 |
| 27.5° | 2932.8 | 2953.1 | 2966.6 | 2985.2 | 3007.1 | 3024.0 | 3044.3 | 3068.0 | 3084.9 | 3103.5 | 3116.9 |
| 30° | 2797.6 | 2816.3 | 2828.1 | 2841.6 | 2863.5 | 2878.8 | 2895.7 | 2917.6 | 2929.4 | 2943.0 | 2954.8 |
| 32.5° | 2620.2 | 2635.5 | 2642.2 | 2652.4 | 2667.6 | 2682.7 | 2696.3 | 2714.9 | 2720.0 | 2728.4 | 2728.4 |
| 35° | 2363.5 | 2366.8 | 2365.2 | 2368.6 | 2375.3 | 2383.7 | 2395.6 | 2407.4 | 2414.1 | 2414.1 | 2409.1 |
| 37.5° | 2062.8 | 2042.5 | 2020.5 | 2003.6 | 1998.6 | 1995.2 | 2002.0 | 2007.0 | 2013.8 | 2017.1 | 2008.7 |
| 40° | 1750.3 | 1704.6 | 1655.6 | 1611.7 | 1581.3 | 1567.8 | 1562.7 | 1566.1 | 1566.1 | 1577.9 | 1577.9 |
| 42.5° | 1481.6 | 1410.6 | 1338.0 | 1272.1 | 1228.2 | 1194.4 | 1179.2 | 1179.2 | 1180.9 | 1189.4 | 1194.4 |
| 45° | 1258.6 | 1169.1 | 1084.6 | 1012.0 | 951.1 | 907.2 | 886.9 | 881.9 | 880.2 | 883.5 | 895.4 |
| 47.5° | 1088.0 | 995.1 | 907.2 | 817.7 | 753.5 | 709.6 | 691.0 | 684.2 | 677.4 | 684.2 | 685.9 |
| 50° | 954.5 | 858.2 | 765.3 | 675.8 | 608.2 | 569.3 | 545.7 | 535.5 | 533.8 | 533.8 | 537.2 |
| 52.5° | 832.8 | 743.4 | 650.5 | 559.2 | 488.2 | 451.1 | 429.1 | 424.0 | 417.3 | 424.0 | 424.0 |
| 55° | 718.0 | 628.5 | 537.2 | 451.1 | 391.9 | 353.1 | 332.8 | 326.1 | 322.7 | 327.7 | 327.7 |
| 57.5° | 593.0 | 516.9 | 432.5 | 354.8 | 295.7 | 268.6 | 253.4 | 245.0 | 243.2 | 246.6 | 243.2 |
| 60° | 486.6 | 422.4 | 349.7 | 278.8 | 233.2 | 204.4 | 192.6 | 189.2 | 185.8 | 189.2 | 189.2 |
| 62.5° | 385.2 | 331.1 | 272.0 | 217.9 | 179.1 | 158.8 | 145.3 | 145.3 | 143.6 | 143.6 | 145.3 |
| 65° | 285.5 | 243.2 | 201.0 | 155.4 | 125.0 | 109.8 | 99.6 | 99.6 | 98.0 | 99.6 | 98.0 |
| 67.5° | 207.8 | 179.1 | 145.3 | 113.2 | 89.6 | 81.1 | 74.3 | 69.3 | 72.7 | 69.3 | 67.6 |
| 70° | 152.1 | 128.4 | 104.7 | 86.2 | 69.3 | 60.8 | 55.8 | 54.0 | 50.7 | 50.7 | 50.7 |
| 72.5° | 101.4 | 86.2 | 70.9 | 55.8 | 45.6 | 37.1 | 35.5 | 32.1 | 28.7 | 30.4 | 33.8 |
| 75° | 67.6 | 57.4 | 50.7 | 40.5 | 30.4 | 30.4 | 20.3 | 20.3 | 16.9 | 20.3 | 15.2 |
| 77.5° | 47.3 | 38.9 | 30.4 | 25.3 | 20.3 | 18.6 | 13.5 | 13.5 | 11.8 | 11.8 | 11.8 |
| 80° | 33.8 | 28.7 | 22.0 | 18.6 | 13.5 | 13.5 | 11.8 | 10.2 | 8.4 | 8.4 | 10.2 |
| 82.5° | 20.3 | 15.2 | 15.2 | 13.5 | 8.4 | 6.7 | 5.1 | 6.7 | 3.4 | 3.4 | 3.4 |
| 85° | 11.8 | 10.2 | 8.4 | 5.1 | 3.4 | 3.4 | 1.7 | 0.0 | 1.7 | 1.7 | 0.0 |
| 87.5° | 6.7 | 3.4 | 3.4 | 1.7 | 0.0 | 1.7 | 1.7 | 0.0 | 0.0 | 0.0 | 3.4 |
| 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 EC8B809727 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3480.2 | 3478.5 | 3481.9 | 3481.9 | 3492.0 | 3490.3 | 3495.4 | 3495.4 | 3492.0 | 3493.7 | 3500.4 |
| 5° | 3492.0 | 3497.1 | 3507.2 | 3515.7 | 3530.8 | 3537.6 | 3546.1 | 3554.5 | 3556.2 | 3561.3 | 3566.4 |
| 7.5° | 3492.0 | 3508.9 | 3520.7 | 3535.9 | 3556.2 | 3568.0 | 3586.6 | 3601.8 | 3608.6 | 3617.0 | 3627.1 |
| 10° | 3485.2 | 3502.1 | 3524.1 | 3541.0 | 3566.4 | 3584.9 | 3603.5 | 3627.1 | 3637.3 | 3650.8 | 3664.3 |
| 12.5° | 3471.7 | 3490.3 | 3513.9 | 3535.9 | 3564.6 | 3581.5 | 3605.2 | 3627.1 | 3642.4 | 3660.9 | 3676.2 |
| 15° | 3451.5 | 3473.4 | 3495.4 | 3517.3 | 3547.7 | 3568.0 | 3590.0 | 3615.3 | 3630.5 | 3650.8 | 3664.3 |
| 17.5° | 3419.4 | 3443.0 | 3463.3 | 3483.5 | 3512.3 | 3535.9 | 3556.2 | 3579.9 | 3595.1 | 3612.0 | 3630.5 |
| 20° | 3380.5 | 3402.5 | 3424.4 | 3441.3 | 3470.1 | 3490.3 | 3512.3 | 3534.2 | 3546.1 | 3549.5 | 3578.2 |
| 22.5° | 3331.5 | 3346.7 | 3363.6 | 3390.6 | 3407.5 | 3426.1 | 3446.4 | 3466.6 | 3478.5 | 3497.1 | 3507.2 |
| 25° | 3250.4 | 3265.6 | 3284.2 | 3296.0 | 3316.3 | 3331.5 | 3351.8 | 3373.7 | 3380.5 | 3394.0 | 3404.1 |
| 27.5° | 3137.2 | 3145.7 | 3154.1 | 3164.2 | 3176.0 | 3184.5 | 3196.4 | 3206.5 | 3213.3 | 3220.0 | 3226.7 |
| 30° | 2958.1 | 2958.1 | 2958.1 | 2951.4 | 2956.4 | 2961.5 | 2963.2 | 2961.5 | 2961.5 | 2959.9 | 2959.9 |
| 32.5° | 2721.6 | 2708.1 | 2692.9 | 2679.4 | 2674.3 | 2667.6 | 2664.2 | 2659.1 | 2650.7 | 2645.6 | 2647.3 |
| 35° | 2402.3 | 2371.9 | 2353.4 | 2336.5 | 2323.0 | 2312.8 | 2307.7 | 2302.7 | 2301.0 | 2294.2 | 2287.4 |
| 37.5° | 2003.6 | 1981.7 | 1968.2 | 1958.0 | 1946.2 | 1936.1 | 1937.7 | 1939.5 | 1944.5 | 1941.1 | 1942.8 |
| 40° | 1581.3 | 1576.2 | 1581.3 | 1569.5 | 1566.1 | 1569.5 | 1577.9 | 1589.8 | 1596.5 | 1603.3 | 1615.1 |
| 42.5° | 1202.9 | 1211.3 | 1223.2 | 1223.2 | 1228.2 | 1235.0 | 1245.1 | 1263.7 | 1273.8 | 1285.6 | 1299.2 |
| 45° | 905.5 | 915.7 | 930.9 | 935.9 | 939.3 | 947.7 | 959.6 | 974.8 | 981.5 | 991.7 | 1003.5 |
| 47.5° | 697.7 | 704.5 | 712.9 | 721.4 | 729.8 | 733.2 | 745.0 | 745.0 | 753.5 | 760.3 | 763.6 |
| 50° | 544.0 | 550.7 | 557.5 | 562.6 | 566.0 | 571.0 | 574.4 | 579.5 | 581.1 | 584.5 | 586.2 |
| 52.5° | 425.7 | 434.2 | 434.2 | 437.5 | 442.6 | 447.7 | 446.0 | 447.7 | 449.4 | 449.4 | 454.4 |
| 55° | 332.8 | 332.8 | 337.9 | 337.9 | 341.3 | 339.6 | 341.3 | 341.3 | 341.3 | 341.3 | 343.0 |
| 57.5° | 248.3 | 250.1 | 255.1 | 251.7 | 250.1 | 253.4 | 250.1 | 253.4 | 251.7 | 255.1 | 250.1 |
| 60° | 190.9 | 190.9 | 192.6 | 192.6 | 194.3 | 194.3 | 194.3 | 192.6 | 192.6 | 190.9 | 190.9 |
| 62.5° | 143.6 | 145.3 | 147.0 | 145.3 | 145.3 | 145.3 | 143.6 | 143.6 | 141.9 | 140.2 | 140.2 |
| 65° | 96.3 | 94.6 | 98.0 | 94.6 | 96.3 | 96.3 | 94.6 | 96.3 | 91.2 | 92.9 | 91.2 |
| 67.5° | 69.3 | 67.6 | 65.9 | 67.6 | 65.9 | 64.2 | 64.2 | 65.9 | 67.6 | 62.5 | 62.5 |
| 70° | 45.6 | 47.3 | 45.6 | 47.3 | 49.0 | 49.0 | 47.3 | 45.6 | 47.3 | 43.9 | 45.6 |
| 72.5° | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 30.4 | 30.4 | 30.4 | 27.1 | 27.1 | 25.3 |
| 75° | 13.5 | 18.6 | 15.2 | 13.5 | 18.6 | 18.6 | 16.9 | 16.9 | 15.2 | 15.2 | 15.2 |
| 77.5° | 13.5 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 8.4 | 10.2 | 8.4 |
| 80° | 6.7 | 6.7 | 6.7 | 5.1 | 6.7 | 6.7 | 8.4 | 6.7 | 6.7 | 5.1 | 8.4 |
| 82.5° | 3.4 | 3.4 | 3.4 | 0.0 | 1.7 | 3.4 | 3.4 | 1.7 | 3.4 | 3.4 | 1.7 |
| 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 EC8B809727 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3498.8 | 3497.1 | 3498.8 | 3500.4 | 3498.8 | 3497.1 | 3498.8 | 3500.4 | 3493.7 | 3492.0 | 3495.4 |
| 5° | 3573.1 | 3573.1 | 3576.4 | 3578.2 | 3576.4 | 3573.1 | 3573.1 | 3566.4 | 3561.3 | 3556.2 | 3554.5 |
| 7.5° | 3637.3 | 3640.7 | 3644.0 | 3645.7 | 3644.0 | 3640.7 | 3637.3 | 3627.1 | 3617.0 | 3608.6 | 3601.8 |
| 10° | 3676.2 | 3681.2 | 3688.0 | 3691.3 | 3688.0 | 3681.2 | 3676.2 | 3664.3 | 3650.8 | 3637.3 | 3627.1 |
| 12.5° | 3693.1 | 3698.1 | 3706.5 | 3704.9 | 3706.5 | 3698.1 | 3693.1 | 3676.2 | 3660.9 | 3642.4 | 3627.1 |
| 15° | 3681.2 | 3688.0 | 3696.4 | 3699.8 | 3696.4 | 3688.0 | 3681.2 | 3664.3 | 3650.8 | 3630.5 | 3615.3 |
| 17.5° | 3644.0 | 3654.2 | 3659.3 | 3664.3 | 3659.3 | 3654.2 | 3644.0 | 3630.5 | 3612.0 | 3595.1 | 3579.9 |
| 20° | 3593.3 | 3600.2 | 3606.9 | 3608.6 | 3606.9 | 3600.2 | 3593.3 | 3578.2 | 3549.5 | 3546.1 | 3534.2 |
| 22.5° | 3520.7 | 3525.8 | 3541.0 | 3535.9 | 3541.0 | 3525.8 | 3520.7 | 3507.2 | 3497.1 | 3478.5 | 3466.6 |
| 25° | 3416.0 | 3421.0 | 3422.8 | 3424.4 | 3422.8 | 3421.0 | 3416.0 | 3404.1 | 3394.0 | 3380.5 | 3373.7 |
| 27.5° | 3235.2 | 3235.2 | 3238.6 | 3240.3 | 3238.6 | 3235.2 | 3235.2 | 3226.7 | 3220.0 | 3213.3 | 3206.5 |
| 30° | 2961.5 | 2961.5 | 2961.5 | 2970.0 | 2961.5 | 2961.5 | 2961.5 | 2959.9 | 2959.9 | 2961.5 | 2961.5 |
| 32.5° | 2645.6 | 2642.2 | 2638.9 | 2642.2 | 2638.9 | 2642.2 | 2645.6 | 2647.3 | 2645.6 | 2650.7 | 2659.1 |
| 35° | 2287.4 | 2285.8 | 2290.8 | 2284.1 | 2290.8 | 2285.8 | 2287.4 | 2287.4 | 2294.2 | 2301.0 | 2302.7 |
| 37.5° | 1944.5 | 1941.1 | 1947.9 | 1941.1 | 1947.9 | 1941.1 | 1944.5 | 1942.8 | 1941.1 | 1944.5 | 1939.5 |
| 40° | 1618.5 | 1621.8 | 1621.8 | 1635.4 | 1621.8 | 1621.8 | 1618.5 | 1615.1 | 1603.3 | 1596.5 | 1589.8 |
| 42.5° | 1305.9 | 1316.1 | 1312.7 | 1322.8 | 1312.7 | 1316.1 | 1305.9 | 1299.2 | 1285.6 | 1273.8 | 1263.7 |
| 45° | 1010.2 | 1017.1 | 1017.1 | 1020.4 | 1017.1 | 1017.1 | 1010.2 | 1003.5 | 991.7 | 981.5 | 974.8 |
| 47.5° | 775.4 | 775.4 | 775.4 | 777.1 | 775.4 | 775.4 | 775.4 | 763.6 | 760.3 | 753.5 | 745.0 |
| 50° | 589.6 | 591.3 | 593.0 | 594.7 | 593.0 | 591.3 | 589.6 | 586.2 | 584.5 | 581.1 | 579.5 |
| 52.5° | 452.8 | 454.4 | 451.1 | 454.4 | 451.1 | 454.4 | 452.8 | 454.4 | 449.4 | 449.4 | 447.7 |
| 55° | 343.0 | 341.3 | 343.0 | 344.6 | 343.0 | 341.3 | 343.0 | 343.0 | 341.3 | 341.3 | 341.3 |
| 57.5° | 251.7 | 248.3 | 248.3 | 248.3 | 248.3 | 248.3 | 251.7 | 250.1 | 255.1 | 251.7 | 253.4 |
| 60° | 187.5 | 189.2 | 189.2 | 190.9 | 189.2 | 189.2 | 187.5 | 190.9 | 190.9 | 192.6 | 192.6 |
| 62.5° | 138.5 | 143.6 | 140.2 | 143.6 | 140.2 | 143.6 | 138.5 | 140.2 | 140.2 | 141.9 | 143.6 |
| 65° | 89.6 | 89.6 | 89.6 | 91.2 | 89.6 | 89.6 | 89.6 | 91.2 | 92.9 | 91.2 | 96.3 |
| 67.5° | 60.8 | 62.5 | 65.9 | 64.2 | 65.9 | 62.5 | 60.8 | 62.5 | 62.5 | 67.6 | 65.9 |
| 70° | 49.0 | 43.9 | 43.9 | 49.0 | 43.9 | 43.9 | 49.0 | 45.6 | 43.9 | 47.3 | 45.6 |
| 72.5° | 28.7 | 25.3 | 28.7 | 28.7 | 28.7 | 25.3 | 28.7 | 25.3 | 27.1 | 27.1 | 30.4 |
| 75° | 15.2 | 13.5 | 11.8 | 16.9 | 11.8 | 13.5 | 15.2 | 15.2 | 15.2 | 15.2 | 16.9 |
| 77.5° | 10.2 | 8.4 | 11.8 | 11.8 | 11.8 | 8.4 | 10.2 | 8.4 | 10.2 | 8.4 | 10.2 |
| 80° | 5.1 | 6.7 | 5.1 | 8.4 | 5.1 | 6.7 | 5.1 | 8.4 | 5.1 | 6.7 | 6.7 |
| 82.5° | 1.7 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 1.7 | 1.7 | 3.4 | 3.4 | 1.7 |
| 85° | 0.0 | 3.4 | 1.7 | 1.7 | 1.7 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.7 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 1.7 | 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 EC8B809727 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3495.4 | 3490.3 | 3492.0 | 3481.9 | 3481.9 | 3478.5 | 3480.2 | 3471.7 | 3468.4 | 3465.0 | 3470.1 |
| 5° | 3546.1 | 3537.6 | 3530.8 | 3515.7 | 3507.2 | 3497.1 | 3492.0 | 3478.5 | 3466.6 | 3456.5 | 3454.8 |
| 7.5° | 3586.6 | 3568.0 | 3556.2 | 3535.9 | 3520.7 | 3508.9 | 3492.0 | 3473.4 | 3458.2 | 3444.7 | 3434.6 |
| 10° | 3603.5 | 3584.9 | 3566.4 | 3541.0 | 3524.1 | 3502.1 | 3485.2 | 3461.6 | 3441.3 | 3422.8 | 3410.9 |
| 12.5° | 3605.2 | 3581.5 | 3564.6 | 3535.9 | 3513.9 | 3490.3 | 3471.7 | 3444.7 | 3421.0 | 3402.5 | 3383.9 |
| 15° | 3590.0 | 3568.0 | 3547.7 | 3517.3 | 3495.4 | 3473.4 | 3451.5 | 3422.8 | 3400.8 | 3378.8 | 3365.3 |
| 17.5° | 3556.2 | 3535.9 | 3512.3 | 3483.5 | 3463.3 | 3443.0 | 3419.4 | 3395.7 | 3370.3 | 3346.7 | 3329.8 |
| 20° | 3512.3 | 3490.3 | 3470.1 | 3441.3 | 3424.4 | 3402.5 | 3380.5 | 3355.2 | 3334.9 | 3311.2 | 3292.7 |
| 22.5° | 3446.4 | 3426.1 | 3407.5 | 3390.6 | 3363.6 | 3346.7 | 3331.5 | 3302.8 | 3282.5 | 3260.5 | 3240.3 |
| 25° | 3351.8 | 3331.5 | 3316.3 | 3296.0 | 3284.2 | 3265.6 | 3250.4 | 3225.1 | 3206.5 | 3186.2 | 3169.3 |
| 27.5° | 3196.4 | 3184.5 | 3176.0 | 3164.2 | 3154.1 | 3145.7 | 3137.2 | 3116.9 | 3103.5 | 3084.9 | 3068.0 |
| 30° | 2963.2 | 2961.5 | 2956.4 | 2951.4 | 2958.1 | 2958.1 | 2958.1 | 2954.8 | 2943.0 | 2929.4 | 2917.6 |
| 32.5° | 2664.2 | 2667.6 | 2674.3 | 2679.4 | 2692.9 | 2708.1 | 2721.6 | 2728.4 | 2728.4 | 2720.0 | 2714.9 |
| 35° | 2307.7 | 2312.8 | 2323.0 | 2336.5 | 2353.4 | 2371.9 | 2402.3 | 2409.1 | 2414.1 | 2414.1 | 2407.4 |
| 37.5° | 1937.7 | 1936.1 | 1946.2 | 1958.0 | 1968.2 | 1981.7 | 2003.6 | 2008.7 | 2017.1 | 2013.8 | 2007.0 |
| 40° | 1577.9 | 1569.5 | 1566.1 | 1569.5 | 1581.3 | 1576.2 | 1581.3 | 1577.9 | 1577.9 | 1566.1 | 1566.1 |
| 42.5° | 1245.1 | 1235.0 | 1228.2 | 1223.2 | 1223.2 | 1211.3 | 1202.9 | 1194.4 | 1189.4 | 1180.9 | 1179.2 |
| 45° | 959.6 | 947.7 | 939.3 | 935.9 | 930.9 | 915.7 | 905.5 | 895.4 | 883.5 | 880.2 | 881.9 |
| 47.5° | 745.0 | 733.2 | 729.8 | 721.4 | 712.9 | 704.5 | 697.7 | 685.9 | 684.2 | 677.4 | 684.2 |
| 50° | 574.4 | 571.0 | 566.0 | 562.6 | 557.5 | 550.7 | 544.0 | 537.2 | 533.8 | 533.8 | 535.5 |
| 52.5° | 446.0 | 447.7 | 442.6 | 437.5 | 434.2 | 434.2 | 425.7 | 424.0 | 424.0 | 417.3 | 424.0 |
| 55° | 341.3 | 339.6 | 341.3 | 337.9 | 337.9 | 332.8 | 332.8 | 327.7 | 327.7 | 322.7 | 326.1 |
| 57.5° | 250.1 | 253.4 | 250.1 | 251.7 | 255.1 | 250.1 | 248.3 | 243.2 | 246.6 | 243.2 | 245.0 |
| 60° | 194.3 | 194.3 | 194.3 | 192.6 | 192.6 | 190.9 | 190.9 | 189.2 | 189.2 | 185.8 | 189.2 |
| 62.5° | 143.6 | 145.3 | 145.3 | 145.3 | 147.0 | 145.3 | 143.6 | 145.3 | 143.6 | 143.6 | 145.3 |
| 65° | 94.6 | 96.3 | 96.3 | 94.6 | 98.0 | 94.6 | 96.3 | 98.0 | 99.6 | 98.0 | 99.6 |
| 67.5° | 64.2 | 64.2 | 65.9 | 67.6 | 65.9 | 67.6 | 69.3 | 67.6 | 69.3 | 72.7 | 69.3 |
| 70° | 47.3 | 49.0 | 49.0 | 47.3 | 45.6 | 47.3 | 45.6 | 50.7 | 50.7 | 50.7 | 54.0 |
| 72.5° | 30.4 | 30.4 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 33.8 | 30.4 | 28.7 | 32.1 |
| 75° | 16.9 | 18.6 | 18.6 | 13.5 | 15.2 | 18.6 | 13.5 | 15.2 | 20.3 | 16.9 | 20.3 |
| 77.5° | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 10.2 | 13.5 | 11.8 | 11.8 | 11.8 | 13.5 |
| 80° | 8.4 | 6.7 | 6.7 | 5.1 | 6.7 | 6.7 | 6.7 | 10.2 | 8.4 | 8.4 | 10.2 |
| 82.5° | 3.4 | 3.4 | 1.7 | 0.0 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 6.7 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.7 | 1.7 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.4 | 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 EC8B809727 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3456.5 | 3456.5 | 3454.8 | 3451.5 | 3444.7 | 3444.7 | 3443.0 | 3437.9 | 3434.6 | 3432.8 | 3432.8 |
| 5° | 3439.6 | 3432.8 | 3426.1 | 3407.5 | 3407.5 | 3404.1 | 3394.0 | 3387.2 | 3383.9 | 3375.4 | 3372.1 |
| 7.5° | 3424.4 | 3404.1 | 3392.3 | 3380.5 | 3365.3 | 3358.5 | 3346.7 | 3341.6 | 3329.8 | 3321.4 | 3316.3 |
| 10° | 3387.2 | 3373.7 | 3358.5 | 3339.9 | 3328.1 | 3314.6 | 3301.1 | 3291.0 | 3275.8 | 3267.3 | 3260.5 |
| 12.5° | 3361.9 | 3341.6 | 3328.1 | 3307.8 | 3287.6 | 3275.8 | 3257.2 | 3245.4 | 3230.1 | 3213.3 | 3203.1 |
| 15° | 3338.3 | 3316.3 | 3297.7 | 3275.8 | 3253.8 | 3240.3 | 3218.3 | 3204.8 | 3182.9 | 3166.0 | 3154.1 |
| 17.5° | 3302.8 | 3284.2 | 3263.9 | 3236.9 | 3216.7 | 3199.8 | 3176.0 | 3159.2 | 3138.9 | 3116.9 | 3105.1 |
| 20° | 3265.6 | 3243.6 | 3223.4 | 3196.4 | 3176.0 | 3155.8 | 3132.2 | 3113.6 | 3089.9 | 3069.7 | 3056.2 |
| 22.5° | 3216.7 | 3191.3 | 3174.4 | 3147.3 | 3123.7 | 3101.8 | 3079.8 | 3057.8 | 3035.9 | 3019.0 | 3003.7 |
| 25° | 3145.7 | 3118.6 | 3100.0 | 3078.1 | 3056.2 | 3039.3 | 3012.2 | 2998.7 | 2976.8 | 2961.5 | 2946.3 |
| 27.5° | 3044.3 | 3024.0 | 3007.1 | 2985.2 | 2966.6 | 2953.1 | 2932.8 | 2919.3 | 2900.7 | 2887.2 | 2875.4 |
| 30° | 2895.7 | 2878.8 | 2863.5 | 2841.6 | 2828.1 | 2816.3 | 2797.6 | 2785.8 | 2772.3 | 2757.1 | 2753.7 |
| 32.5° | 2696.3 | 2682.7 | 2667.6 | 2652.4 | 2642.2 | 2635.5 | 2620.2 | 2613.5 | 2600.0 | 2591.5 | 2583.1 |
| 35° | 2395.6 | 2383.7 | 2375.3 | 2368.6 | 2365.2 | 2366.8 | 2363.5 | 2370.2 | 2373.6 | 2371.9 | 2373.6 |
| 37.5° | 2002.0 | 1995.2 | 1998.6 | 2003.6 | 2020.5 | 2042.5 | 2062.8 | 2093.1 | 2113.4 | 2133.8 | 2152.3 |
| 40° | 1562.7 | 1567.8 | 1581.3 | 1611.7 | 1655.6 | 1704.6 | 1750.3 | 1807.7 | 1865.1 | 1905.7 | 1942.8 |
| 42.5° | 1179.2 | 1194.4 | 1228.2 | 1272.1 | 1338.0 | 1410.6 | 1481.6 | 1566.1 | 1635.4 | 1702.9 | 1750.3 |
| 45° | 886.9 | 907.2 | 951.1 | 1012.0 | 1084.6 | 1169.1 | 1258.6 | 1353.2 | 1436.0 | 1505.3 | 1557.6 |
| 47.5° | 691.0 | 709.6 | 753.5 | 817.7 | 907.2 | 995.1 | 1088.0 | 1186.0 | 1272.1 | 1339.7 | 1385.3 |
| 50° | 545.7 | 569.3 | 608.2 | 675.8 | 765.3 | 858.2 | 954.5 | 1050.8 | 1131.9 | 1189.4 | 1229.9 |
| 52.5° | 429.1 | 451.1 | 488.2 | 559.2 | 650.5 | 743.4 | 832.8 | 927.5 | 998.4 | 1054.2 | 1081.2 |
| 55° | 332.8 | 353.1 | 391.9 | 451.1 | 537.2 | 628.5 | 718.0 | 799.1 | 865.0 | 905.5 | 930.9 |
| 57.5° | 253.4 | 268.6 | 295.7 | 354.8 | 432.5 | 516.9 | 593.0 | 674.1 | 724.8 | 753.5 | 770.3 |
| 60° | 192.6 | 204.4 | 233.2 | 278.8 | 349.7 | 422.4 | 486.6 | 547.4 | 587.9 | 611.6 | 628.5 |
| 62.5° | 145.3 | 158.8 | 179.1 | 217.9 | 272.0 | 331.1 | 385.2 | 430.8 | 464.6 | 479.8 | 491.6 |
| 65° | 99.6 | 109.8 | 125.0 | 155.4 | 201.0 | 243.2 | 285.5 | 319.3 | 341.3 | 358.2 | 364.9 |
| 67.5° | 74.3 | 81.1 | 89.6 | 113.2 | 145.3 | 179.1 | 207.8 | 231.4 | 255.1 | 261.9 | 273.7 |
| 70° | 55.8 | 60.8 | 69.3 | 86.2 | 104.7 | 128.4 | 152.1 | 165.6 | 182.5 | 194.3 | 197.7 |
| 72.5° | 35.5 | 37.1 | 45.6 | 55.8 | 70.9 | 86.2 | 101.4 | 113.2 | 123.4 | 130.1 | 133.4 |
| 75° | 20.3 | 30.4 | 30.4 | 40.5 | 50.7 | 57.4 | 67.6 | 76.0 | 81.1 | 86.2 | 86.2 |
| 77.5° | 13.5 | 18.6 | 20.3 | 25.3 | 30.4 | 38.9 | 47.3 | 52.4 | 57.4 | 59.1 | 59.1 |
| 80° | 11.8 | 13.5 | 13.5 | 18.6 | 22.0 | 28.7 | 33.8 | 35.5 | 38.9 | 40.5 | 43.9 |
| 82.5° | 5.1 | 6.7 | 8.4 | 13.5 | 15.2 | 15.2 | 20.3 | 22.0 | 25.3 | 27.1 | 27.1 |
| 85° | 1.7 | 3.4 | 3.4 | 5.1 | 8.4 | 10.2 | 11.8 | 13.5 | 15.2 | 15.2 | 16.9 |
| 87.5° | 1.7 | 1.7 | 0.0 | 1.7 | 3.4 | 3.4 | 6.7 | 6.7 | 6.7 | 10.2 | 10.2 |
| 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 EC8B809727 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 | 3459.9 |
| 2.5° | 3429.5 | 3431.2 | 3424.4 | 3422.8 | 3419.4 | 3421.0 | 3424.4 |
| 5° | 3367.0 | 3368.7 | 3361.9 | 3355.2 | 3355.2 | 3353.4 | 3355.2 |
| 7.5° | 3307.8 | 3309.6 | 3299.4 | 3296.0 | 3289.3 | 3291.0 | 3291.0 |
| 10° | 3248.7 | 3248.7 | 3233.6 | 3231.8 | 3226.7 | 3225.1 | 3225.1 |
| 12.5° | 3191.3 | 3186.2 | 3174.4 | 3167.6 | 3171.0 | 3160.9 | 3160.9 |
| 15° | 3140.6 | 3132.2 | 3116.9 | 3111.9 | 3103.5 | 3100.0 | 3100.0 |
| 17.5° | 3088.2 | 3081.5 | 3068.0 | 3057.8 | 3047.7 | 3046.0 | 3047.7 |
| 20° | 3037.5 | 3030.8 | 3013.9 | 3007.1 | 2998.7 | 2998.7 | 2995.3 |
| 22.5° | 2986.8 | 2980.1 | 2964.9 | 2959.9 | 2948.0 | 2948.0 | 2949.7 |
| 25° | 2934.5 | 2929.4 | 2912.5 | 2909.2 | 2907.5 | 2900.7 | 2904.1 |
| 27.5° | 2863.5 | 2860.1 | 2846.6 | 2841.6 | 2834.8 | 2833.2 | 2836.5 |
| 30° | 2733.4 | 2728.4 | 2718.3 | 2713.2 | 2701.4 | 2703.1 | 2706.4 |
| 32.5° | 2571.3 | 2564.5 | 2551.0 | 2545.9 | 2535.8 | 2532.4 | 2534.1 |
| 35° | 2368.6 | 2363.5 | 2351.7 | 2351.7 | 2341.5 | 2338.1 | 2341.5 |
| 37.5° | 2162.5 | 2167.5 | 2162.5 | 2167.5 | 2162.5 | 2160.7 | 2162.5 |
| 40° | 1968.2 | 1986.8 | 1990.1 | 2008.7 | 2002.0 | 2012.1 | 2010.4 |
| 42.5° | 1782.3 | 1812.7 | 1824.6 | 1839.7 | 1836.4 | 1843.2 | 1848.2 |
| 45° | 1594.8 | 1620.2 | 1632.0 | 1642.1 | 1643.8 | 1647.2 | 1648.9 |
| 47.5° | 1417.4 | 1437.7 | 1439.4 | 1451.2 | 1449.5 | 1449.5 | 1454.6 |
| 50° | 1251.9 | 1265.4 | 1268.7 | 1277.2 | 1270.4 | 1267.0 | 1268.7 |
| 52.5° | 1098.1 | 1111.6 | 1108.2 | 1111.6 | 1103.2 | 1099.8 | 1101.5 |
| 55° | 941.0 | 947.7 | 947.7 | 947.7 | 937.6 | 937.6 | 937.6 |
| 57.5° | 780.5 | 782.2 | 778.8 | 780.5 | 778.8 | 768.7 | 767.0 |
| 60° | 633.6 | 633.6 | 631.8 | 633.6 | 628.5 | 623.4 | 623.4 |
| 62.5° | 495.0 | 498.4 | 505.1 | 498.4 | 495.0 | 498.4 | 493.3 |
| 65° | 370.0 | 376.8 | 375.0 | 378.4 | 376.8 | 376.8 | 373.3 |
| 67.5° | 278.8 | 280.4 | 282.1 | 283.9 | 283.9 | 283.9 | 283.9 |
| 70° | 204.4 | 209.5 | 207.8 | 207.8 | 207.8 | 207.8 | 217.9 |
| 72.5° | 136.8 | 143.6 | 141.9 | 145.3 | 145.3 | 148.7 | 145.3 |
| 75° | 92.9 | 99.6 | 96.3 | 101.4 | 99.6 | 96.3 | 104.7 |
| 77.5° | 62.5 | 65.9 | 67.6 | 69.3 | 67.6 | 65.9 | 67.6 |
| 80° | 43.9 | 47.3 | 45.6 | 47.3 | 47.3 | 47.3 | 49.0 |
| 82.5° | 27.1 | 32.1 | 30.4 | 32.1 | 30.4 | 32.1 | 32.1 |
| 85° | 18.6 | 20.3 | 16.9 | 20.3 | 18.6 | 18.6 | 22.0 |
| 87.5° | 11.8 | 10.2 | 10.2 | 11.8 | 10.2 | 11.8 | 10.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)