

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: P248751

Luminaire Tested: **LSR8B80D010 EC8B80930 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248751
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 EC8B80930 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
97 CRI 3000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6851.5 lumens
Efficiency: N/A
Efficacy: 92.1 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

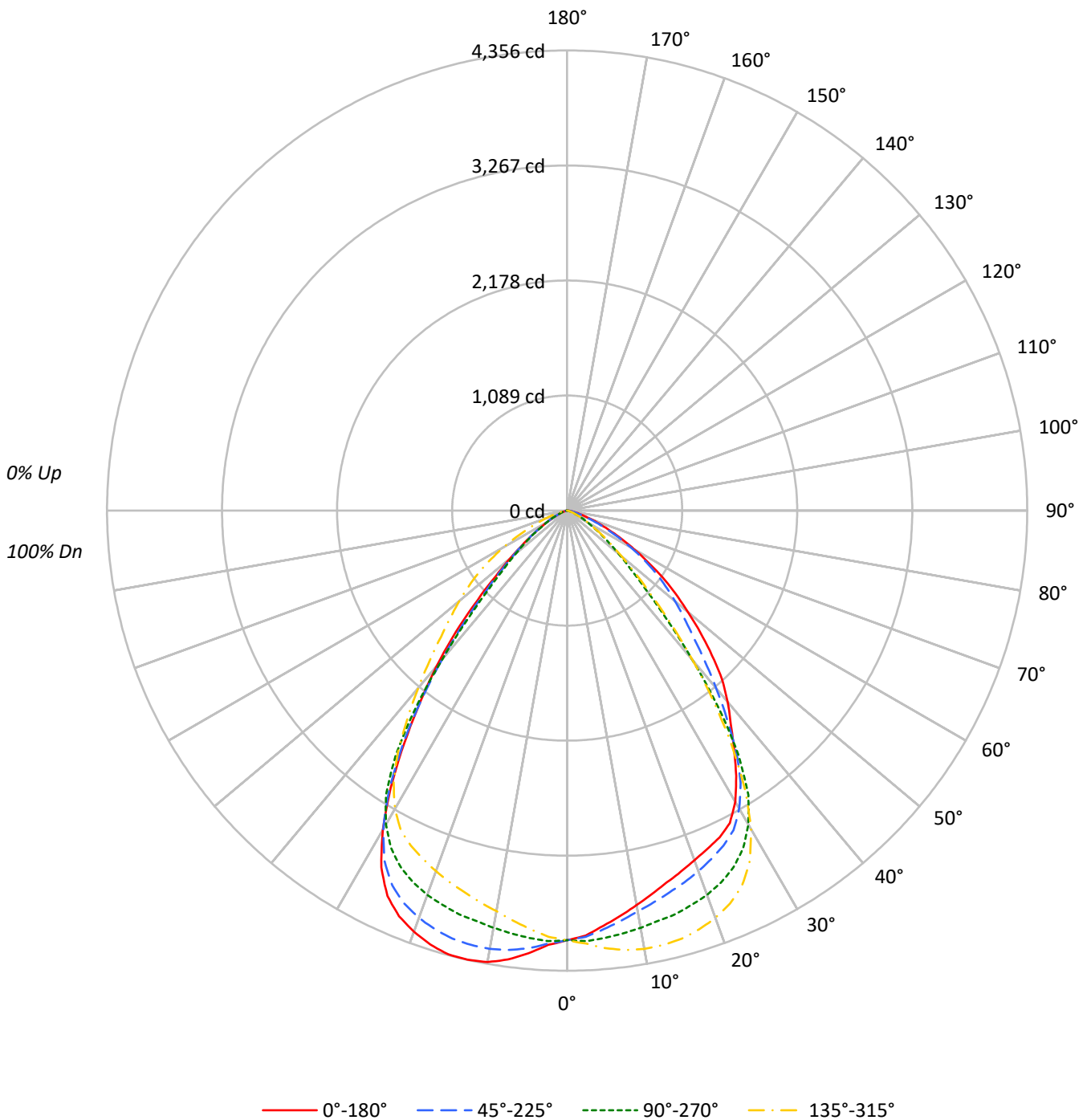
Input Watts (W): 74.4
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248751

CATALOG NUMBER: LSR8B80D010 EC8B80930 8LBSW0WMH

Luminous Intensity Polar Plot





TEST NUMBER: P248751

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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° | 387.2 | 5.7 |
| 10°-20° | 1121.1 | 16.4 |
| 20°-30° | 1697.6 | 24.8 |
| 30°-40° | 1701.4 | 24.8 |
| 40°-50° | 1068.4 | 15.6 |
| 50°-60° | 569.3 | 8.3 |
| 60°-70° | 234.1 | 3.4 |
| 70°-80° | 61.8 | 0.9 |
| 80°-90° | 10.5 | 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° | 3205.9 | 46.8 |
| 0°-40° | 4907.3 | 71.6 |
| 0°-60° | 6545.1 | 95.5 |
| 0°-90° | 6851.5 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6851.5 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4068 | 4068 | 4068 | 4068 | 4068 | |
| 5° | 3944 | 4062 | 4207 | 4062 | 3944 | 372 |
| 15° | 3644 | 3956 | 4350 | 3956 | 3644 | 1031 |
| 25° | 3414 | 3726 | 4026 | 3726 | 3414 | 1566 |
| 35° | 2753 | 2830 | 2685 | 2830 | 2753 | 1725 |
| 45° | 1938 | 1037 | 1200 | 1037 | 1938 | 1491 |
| 55° | 1102 | 383 | 405 | 383 | 1102 | 983 |
| 65° | 439 | 117 | 107 | 117 | 439 | 455 |
| 75° | 123 | 24 | 20 | 24 | 123 | 139 |
| 85° | 26 | 0 | 2 | 0 | 26 | 28 |
| 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° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4025.8 | 4021.8 | 4019.9 | 4023.9 | 4025.8 | 4033.8 | 4031.8 | 4035.7 | 4035.7 | 4037.8 | 4041.8 |
| 5° | 3944.5 | 3942.4 | 3944.5 | 3944.5 | 3952.3 | 3960.3 | 3958.4 | 3964.3 | 3968.2 | 3978.2 | 3982.1 |
| 7.5° | 3869.0 | 3869.0 | 3866.9 | 3874.8 | 3878.9 | 3890.8 | 3888.7 | 3898.7 | 3904.7 | 3914.6 | 3928.5 |
| 10° | 3791.4 | 3791.4 | 3793.5 | 3799.4 | 3801.4 | 3819.2 | 3819.2 | 3833.1 | 3841.1 | 3851.1 | 3869.0 |
| 12.5° | 3716.0 | 3716.0 | 3728.0 | 3724.0 | 3731.9 | 3745.8 | 3751.8 | 3765.7 | 3777.5 | 3797.5 | 3815.3 |
| 15° | 3644.5 | 3644.5 | 3648.5 | 3658.4 | 3664.3 | 3682.3 | 3692.1 | 3708.0 | 3721.9 | 3741.9 | 3767.7 |
| 17.5° | 3582.9 | 3580.9 | 3582.9 | 3594.8 | 3606.8 | 3622.6 | 3630.6 | 3650.4 | 3664.3 | 3690.2 | 3714.1 |
| 20° | 3521.4 | 3525.4 | 3525.4 | 3535.3 | 3543.3 | 3563.1 | 3570.9 | 3592.9 | 3608.7 | 3632.6 | 3660.4 |
| 22.5° | 3467.7 | 3465.8 | 3465.8 | 3479.7 | 3485.6 | 3503.5 | 3511.4 | 3531.3 | 3549.2 | 3569.0 | 3594.8 |
| 25° | 3414.1 | 3410.1 | 3418.2 | 3420.1 | 3424.0 | 3443.8 | 3449.9 | 3463.8 | 3481.6 | 3499.5 | 3525.4 |
| 27.5° | 3334.6 | 3330.7 | 3332.7 | 3340.6 | 3346.6 | 3362.4 | 3366.5 | 3380.4 | 3394.3 | 3410.1 | 3432.1 |
| 30° | 3181.7 | 3177.8 | 3175.8 | 3189.7 | 3195.6 | 3207.5 | 3213.5 | 3237.3 | 3241.3 | 3259.2 | 3275.1 |
| 32.5° | 2979.2 | 2977.2 | 2981.2 | 2993.1 | 2999.0 | 3014.9 | 3022.9 | 3036.8 | 3046.7 | 3056.6 | 3072.4 |
| 35° | 2752.7 | 2748.8 | 2752.7 | 2764.7 | 2764.7 | 2778.6 | 2784.6 | 2790.5 | 2788.5 | 2790.5 | 2786.6 |
| 37.5° | 2542.2 | 2540.2 | 2542.2 | 2548.1 | 2542.2 | 2548.1 | 2542.2 | 2530.3 | 2508.5 | 2484.6 | 2460.7 |
| 40° | 2363.5 | 2365.4 | 2353.5 | 2361.5 | 2339.6 | 2335.7 | 2313.9 | 2284.0 | 2240.3 | 2192.7 | 2125.2 |
| 42.5° | 2172.8 | 2166.9 | 2158.9 | 2162.9 | 2145.0 | 2131.0 | 2095.4 | 2057.6 | 2002.0 | 1922.6 | 1841.1 |
| 45° | 1938.4 | 1936.5 | 1932.5 | 1930.5 | 1918.6 | 1904.7 | 1874.9 | 1831.2 | 1769.6 | 1688.2 | 1590.8 |
| 47.5° | 1710.1 | 1704.0 | 1704.0 | 1706.0 | 1692.1 | 1690.1 | 1666.3 | 1628.6 | 1575.0 | 1495.5 | 1394.3 |
| 50° | 1491.5 | 1489.6 | 1493.6 | 1501.5 | 1491.5 | 1487.6 | 1471.8 | 1445.9 | 1398.2 | 1330.7 | 1235.3 |
| 52.5° | 1294.9 | 1293.0 | 1297.0 | 1306.9 | 1302.8 | 1306.9 | 1290.9 | 1271.1 | 1239.4 | 1173.8 | 1090.4 |
| 55° | 1102.3 | 1102.3 | 1102.3 | 1114.2 | 1114.2 | 1114.2 | 1106.2 | 1094.4 | 1064.5 | 1016.9 | 939.5 |
| 57.5° | 901.7 | 903.6 | 915.6 | 917.5 | 915.6 | 919.6 | 917.5 | 905.7 | 885.8 | 852.1 | 792.4 |
| 60° | 732.9 | 732.9 | 738.9 | 744.8 | 742.8 | 744.8 | 744.8 | 738.9 | 719.0 | 691.2 | 643.6 |
| 62.5° | 579.9 | 585.9 | 581.9 | 585.9 | 593.8 | 585.9 | 581.9 | 578.0 | 564.1 | 546.2 | 506.5 |
| 65° | 438.9 | 442.9 | 442.9 | 444.9 | 440.9 | 442.9 | 434.9 | 429.0 | 421.0 | 401.2 | 375.4 |
| 67.5° | 333.7 | 333.7 | 333.7 | 333.7 | 331.7 | 329.7 | 327.8 | 321.7 | 307.8 | 300.0 | 272.1 |
| 70° | 256.1 | 244.3 | 244.3 | 244.3 | 244.3 | 246.3 | 240.3 | 232.4 | 228.5 | 214.6 | 194.6 |
| 72.5° | 170.7 | 174.8 | 170.7 | 170.7 | 166.8 | 168.8 | 160.9 | 156.8 | 152.9 | 145.1 | 133.1 |
| 75° | 123.1 | 113.2 | 117.1 | 119.2 | 113.2 | 117.1 | 109.2 | 101.3 | 101.3 | 95.3 | 89.3 |
| 77.5° | 79.5 | 77.5 | 79.5 | 81.4 | 79.5 | 77.5 | 73.5 | 69.5 | 69.5 | 67.5 | 61.5 |
| 80° | 57.6 | 55.6 | 55.6 | 55.6 | 53.6 | 55.6 | 51.7 | 51.7 | 47.6 | 45.7 | 41.7 |
| 82.5° | 37.8 | 37.8 | 35.8 | 37.8 | 35.8 | 37.8 | 31.8 | 31.8 | 31.8 | 29.7 | 25.8 |
| 85° | 25.8 | 21.9 | 21.9 | 23.9 | 19.8 | 23.9 | 21.9 | 19.8 | 17.9 | 17.9 | 15.8 |
| 87.5° | 11.9 | 13.9 | 11.9 | 13.9 | 11.9 | 11.9 | 13.9 | 11.9 | 11.9 | 8.0 | 8.0 |
| 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° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4047.7 | 4049.6 | 4049.6 | 4057.7 | 4061.6 | 4063.5 | 4063.5 | 4079.4 | 4073.5 | 4077.5 | 4081.4 |
| 5° | 3990.1 | 4002.0 | 4006.0 | 4006.0 | 4027.9 | 4035.7 | 4043.7 | 4061.6 | 4063.5 | 4075.5 | 4089.4 |
| 7.5° | 3934.5 | 3948.4 | 3956.3 | 3974.2 | 3988.1 | 4002.0 | 4025.8 | 4037.8 | 4049.6 | 4065.6 | 4083.4 |
| 10° | 3880.8 | 3896.8 | 3912.6 | 3926.5 | 3948.4 | 3966.2 | 3982.1 | 4009.9 | 4023.9 | 4045.7 | 4069.6 |
| 12.5° | 3829.2 | 3851.1 | 3865.0 | 3888.7 | 3912.6 | 3928.5 | 3952.3 | 3978.2 | 4000.1 | 4021.8 | 4049.6 |
| 15° | 3783.6 | 3809.4 | 3825.2 | 3851.1 | 3876.9 | 3898.7 | 3924.6 | 3956.3 | 3972.3 | 3998.0 | 4023.9 |
| 17.5° | 3733.8 | 3761.7 | 3781.6 | 3805.3 | 3837.2 | 3860.9 | 3882.9 | 3914.6 | 3934.5 | 3962.3 | 3992.1 |
| 20° | 3682.3 | 3710.1 | 3733.8 | 3757.7 | 3789.5 | 3813.3 | 3839.1 | 3870.9 | 3892.8 | 3920.6 | 3944.5 |
| 22.5° | 3620.7 | 3646.5 | 3672.3 | 3700.1 | 3731.9 | 3751.8 | 3781.6 | 3809.4 | 3833.1 | 3859.0 | 3882.9 |
| 25° | 3541.2 | 3573.1 | 3592.9 | 3618.7 | 3644.5 | 3666.3 | 3698.1 | 3725.9 | 3745.8 | 3769.7 | 3791.4 |
| 27.5° | 3447.9 | 3471.7 | 3487.7 | 3509.4 | 3535.3 | 3555.1 | 3578.9 | 3606.8 | 3626.7 | 3648.5 | 3664.3 |
| 30° | 3289.0 | 3310.9 | 3324.8 | 3340.6 | 3366.5 | 3384.4 | 3404.3 | 3430.0 | 3443.8 | 3459.9 | 3473.8 |
| 32.5° | 3080.4 | 3098.3 | 3106.3 | 3118.2 | 3136.1 | 3153.9 | 3169.9 | 3191.7 | 3197.7 | 3207.5 | 3207.5 |
| 35° | 2778.6 | 2782.5 | 2780.5 | 2784.6 | 2792.5 | 2802.4 | 2816.3 | 2830.2 | 2838.1 | 2838.1 | 2832.2 |
| 37.5° | 2425.1 | 2401.3 | 2375.4 | 2355.6 | 2349.6 | 2345.6 | 2353.5 | 2359.5 | 2367.4 | 2371.4 | 2361.5 |
| 40° | 2057.6 | 2004.0 | 1946.4 | 1894.7 | 1859.0 | 1843.1 | 1837.2 | 1841.1 | 1841.1 | 1855.0 | 1855.0 |
| 42.5° | 1741.8 | 1658.4 | 1573.0 | 1495.5 | 1443.8 | 1404.2 | 1386.3 | 1386.3 | 1388.2 | 1398.2 | 1404.2 |
| 45° | 1479.7 | 1374.3 | 1275.0 | 1189.7 | 1118.2 | 1066.5 | 1042.8 | 1036.7 | 1034.8 | 1038.7 | 1052.6 |
| 47.5° | 1279.1 | 1169.9 | 1066.5 | 961.3 | 885.8 | 834.1 | 812.4 | 804.3 | 796.4 | 804.3 | 806.3 |
| 50° | 1122.2 | 1009.0 | 899.7 | 794.5 | 715.0 | 669.2 | 641.4 | 629.6 | 627.6 | 627.6 | 631.6 |
| 52.5° | 979.1 | 873.9 | 764.6 | 657.5 | 574.0 | 530.3 | 504.4 | 498.5 | 490.5 | 498.5 | 498.5 |
| 55° | 844.1 | 738.9 | 631.6 | 530.3 | 460.7 | 415.1 | 391.2 | 383.3 | 379.3 | 385.3 | 385.3 |
| 57.5° | 697.1 | 607.7 | 508.5 | 417.1 | 347.6 | 315.8 | 297.8 | 288.0 | 286.0 | 290.0 | 286.0 |
| 60° | 572.0 | 496.6 | 411.1 | 327.8 | 274.1 | 240.3 | 226.4 | 222.4 | 218.5 | 222.4 | 222.4 |
| 62.5° | 452.8 | 389.3 | 319.7 | 256.1 | 210.5 | 186.8 | 170.7 | 170.7 | 168.8 | 168.8 | 170.7 |
| 65° | 335.6 | 286.0 | 236.3 | 182.7 | 147.0 | 129.0 | 117.1 | 117.1 | 115.2 | 117.1 | 115.2 |
| 67.5° | 244.3 | 210.5 | 170.7 | 133.1 | 105.3 | 95.3 | 87.4 | 81.4 | 85.4 | 81.4 | 79.5 |
| 70° | 178.8 | 150.9 | 123.1 | 101.3 | 81.4 | 71.5 | 65.6 | 63.6 | 59.6 | 59.6 | 59.6 |
| 72.5° | 119.2 | 101.3 | 83.4 | 65.6 | 53.6 | 43.6 | 41.7 | 37.8 | 33.7 | 35.8 | 39.7 |
| 75° | 79.5 | 67.5 | 59.6 | 47.6 | 35.8 | 35.8 | 23.9 | 23.9 | 19.8 | 23.9 | 17.9 |
| 77.5° | 55.6 | 45.7 | 35.8 | 29.7 | 23.9 | 21.9 | 15.8 | 15.8 | 13.9 | 13.9 | 13.9 |
| 80° | 39.7 | 33.7 | 25.8 | 21.9 | 15.8 | 15.8 | 13.9 | 11.9 | 9.9 | 9.9 | 11.9 |
| 82.5° | 23.9 | 17.9 | 17.9 | 15.8 | 9.9 | 8.0 | 5.9 | 8.0 | 4.0 | 4.0 | 4.0 |
| 85° | 13.9 | 11.9 | 9.9 | 5.9 | 4.0 | 4.0 | 2.0 | 0.0 | 2.0 | 2.0 | 0.0 |
| 87.5° | 8.0 | 4.0 | 4.0 | 2.0 | 0.0 | 2.0 | 2.0 | 0.0 | 0.0 | 0.0 | 4.0 |
| 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° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4091.4 | 4089.4 | 4093.3 | 4093.3 | 4105.3 | 4103.3 | 4109.2 | 4109.2 | 4105.3 | 4107.2 | 4115.2 |
| 5° | 4105.3 | 4111.3 | 4123.2 | 4133.1 | 4151.0 | 4158.9 | 4168.9 | 4178.9 | 4180.8 | 4186.7 | 4192.8 |
| 7.5° | 4105.3 | 4125.2 | 4139.1 | 4156.9 | 4180.8 | 4194.7 | 4216.5 | 4234.4 | 4242.3 | 4252.2 | 4264.2 |
| 10° | 4097.3 | 4117.2 | 4143.0 | 4162.8 | 4192.8 | 4214.5 | 4236.4 | 4264.2 | 4276.1 | 4292.0 | 4307.9 |
| 12.5° | 4081.4 | 4103.3 | 4131.1 | 4156.9 | 4190.6 | 4210.5 | 4238.3 | 4264.2 | 4282.1 | 4303.9 | 4321.8 |
| 15° | 4057.7 | 4083.4 | 4109.2 | 4135.0 | 4170.8 | 4194.7 | 4220.5 | 4250.3 | 4268.2 | 4292.0 | 4307.9 |
| 17.5° | 4019.9 | 4047.7 | 4071.6 | 4095.3 | 4129.1 | 4156.9 | 4180.8 | 4208.6 | 4226.5 | 4246.3 | 4268.2 |
| 20° | 3974.2 | 4000.1 | 4025.8 | 4045.7 | 4079.4 | 4103.3 | 4129.1 | 4155.0 | 4168.9 | 4172.8 | 4206.6 |
| 22.5° | 3916.7 | 3934.5 | 3954.3 | 3986.2 | 4006.0 | 4027.9 | 4051.7 | 4075.5 | 4089.4 | 4111.3 | 4123.2 |
| 25° | 3821.3 | 3839.1 | 3860.9 | 3874.8 | 3898.7 | 3916.7 | 3940.4 | 3966.2 | 3974.2 | 3990.1 | 4002.0 |
| 27.5° | 3688.2 | 3698.1 | 3708.0 | 3719.9 | 3733.8 | 3743.8 | 3757.7 | 3769.7 | 3777.5 | 3785.5 | 3793.5 |
| 30° | 3477.7 | 3477.7 | 3477.7 | 3469.7 | 3475.7 | 3481.6 | 3483.6 | 3481.6 | 3481.6 | 3479.7 | 3479.7 |
| 32.5° | 3199.6 | 3183.8 | 3165.8 | 3150.0 | 3144.1 | 3136.1 | 3132.1 | 3126.1 | 3116.3 | 3110.2 | 3112.2 |
| 35° | 2824.2 | 2788.5 | 2766.6 | 2746.8 | 2731.0 | 2719.0 | 2713.0 | 2707.1 | 2705.1 | 2697.1 | 2689.2 |
| 37.5° | 2355.6 | 2329.7 | 2313.9 | 2301.9 | 2288.0 | 2276.1 | 2278.1 | 2280.1 | 2285.9 | 2282.0 | 2284.0 |
| 40° | 1859.0 | 1853.0 | 1859.0 | 1845.1 | 1841.1 | 1845.1 | 1855.0 | 1868.9 | 1876.9 | 1884.8 | 1898.7 |
| 42.5° | 1414.1 | 1424.0 | 1438.0 | 1438.0 | 1443.8 | 1451.9 | 1463.7 | 1485.7 | 1497.5 | 1511.4 | 1527.4 |
| 45° | 1064.5 | 1076.5 | 1094.4 | 1100.3 | 1104.3 | 1114.2 | 1128.2 | 1146.0 | 1153.8 | 1165.8 | 1179.7 |
| 47.5° | 820.2 | 828.2 | 838.1 | 848.0 | 858.0 | 861.9 | 875.8 | 875.8 | 885.8 | 893.8 | 897.7 |
| 50° | 639.5 | 647.5 | 655.3 | 661.4 | 665.3 | 671.4 | 675.3 | 681.2 | 683.1 | 687.2 | 689.2 |
| 52.5° | 500.5 | 510.4 | 510.4 | 514.3 | 520.4 | 526.3 | 524.3 | 526.3 | 528.2 | 528.2 | 534.3 |
| 55° | 391.2 | 391.2 | 397.2 | 397.2 | 401.2 | 399.2 | 401.2 | 401.2 | 401.2 | 401.2 | 403.2 |
| 57.5° | 291.9 | 293.9 | 300.0 | 295.9 | 293.9 | 297.8 | 293.9 | 297.8 | 295.9 | 300.0 | 293.9 |
| 60° | 224.4 | 224.4 | 226.4 | 226.4 | 228.5 | 228.5 | 228.5 | 226.4 | 226.4 | 224.4 | 224.4 |
| 62.5° | 168.8 | 170.7 | 172.9 | 170.7 | 170.7 | 170.7 | 168.8 | 168.8 | 166.8 | 164.8 | 164.8 |
| 65° | 113.2 | 111.3 | 115.2 | 111.3 | 113.2 | 113.2 | 111.3 | 113.2 | 107.3 | 109.2 | 107.3 |
| 67.5° | 81.4 | 79.5 | 77.5 | 79.5 | 77.5 | 75.4 | 75.4 | 77.5 | 79.5 | 73.5 | 73.5 |
| 70° | 53.6 | 55.6 | 53.6 | 55.6 | 57.6 | 57.6 | 55.6 | 53.6 | 55.6 | 51.7 | 53.6 |
| 72.5° | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 35.8 | 35.8 | 35.8 | 31.8 | 31.8 | 29.7 |
| 75° | 15.8 | 21.9 | 17.9 | 15.8 | 21.9 | 21.9 | 19.8 | 19.8 | 17.9 | 17.9 | 17.9 |
| 77.5° | 15.8 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 9.9 | 11.9 | 9.9 |
| 80° | 8.0 | 8.0 | 8.0 | 5.9 | 8.0 | 8.0 | 9.9 | 8.0 | 8.0 | 5.9 | 9.9 |
| 82.5° | 4.0 | 4.0 | 4.0 | 0.0 | 2.0 | 4.0 | 4.0 | 2.0 | 4.0 | 4.0 | 2.0 |
| 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: P248751

CATALOG NUMBER: LSR8B80D010 EC8B80930 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4113.3 | 4111.3 | 4113.3 | 4115.2 | 4113.3 | 4111.3 | 4113.3 | 4115.2 | 4107.2 | 4105.3 | 4109.2 |
| 5° | 4200.6 | 4200.6 | 4204.5 | 4206.6 | 4204.5 | 4200.6 | 4200.6 | 4192.8 | 4186.7 | 4180.8 | 4178.9 |
| 7.5° | 4276.1 | 4280.1 | 4284.0 | 4286.0 | 4284.0 | 4280.1 | 4276.1 | 4264.2 | 4252.2 | 4242.3 | 4234.4 |
| 10° | 4321.8 | 4327.7 | 4335.7 | 4339.6 | 4335.7 | 4327.7 | 4321.8 | 4307.9 | 4292.0 | 4276.1 | 4264.2 |
| 12.5° | 4341.6 | 4347.6 | 4357.6 | 4355.5 | 4357.6 | 4347.6 | 4341.6 | 4321.8 | 4303.9 | 4282.1 | 4264.2 |
| 15° | 4327.7 | 4335.7 | 4345.6 | 4349.6 | 4345.6 | 4335.7 | 4327.7 | 4307.9 | 4292.0 | 4268.2 | 4250.3 |
| 17.5° | 4284.0 | 4296.0 | 4301.9 | 4307.9 | 4301.9 | 4296.0 | 4284.0 | 4268.2 | 4246.3 | 4226.5 | 4208.6 |
| 20° | 4224.4 | 4232.4 | 4240.4 | 4242.3 | 4240.4 | 4232.4 | 4224.4 | 4206.6 | 4172.8 | 4168.9 | 4155.0 |
| 22.5° | 4139.1 | 4145.0 | 4162.8 | 4156.9 | 4162.8 | 4145.0 | 4139.1 | 4123.2 | 4111.3 | 4089.4 | 4075.5 |
| 25° | 4015.9 | 4021.8 | 4023.9 | 4025.8 | 4023.9 | 4021.8 | 4015.9 | 4002.0 | 3990.1 | 3974.2 | 3966.2 |
| 27.5° | 3803.4 | 3803.4 | 3807.4 | 3809.4 | 3807.4 | 3803.4 | 3803.4 | 3793.5 | 3785.5 | 3777.5 | 3769.7 |
| 30° | 3481.6 | 3481.6 | 3481.6 | 3491.6 | 3481.6 | 3481.6 | 3481.6 | 3479.7 | 3479.7 | 3481.6 | 3481.6 |
| 32.5° | 3110.2 | 3106.3 | 3102.4 | 3106.3 | 3102.4 | 3106.3 | 3110.2 | 3112.2 | 3110.2 | 3116.3 | 3126.1 |
| 35° | 2689.2 | 2687.1 | 2693.2 | 2685.2 | 2693.2 | 2687.1 | 2689.2 | 2689.2 | 2697.1 | 2705.1 | 2707.1 |
| 37.5° | 2285.9 | 2282.0 | 2290.0 | 2282.0 | 2290.0 | 2282.0 | 2285.9 | 2284.0 | 2282.0 | 2285.9 | 2280.1 |
| 40° | 1902.8 | 1906.7 | 1906.7 | 1922.6 | 1906.7 | 1906.7 | 1902.8 | 1898.7 | 1884.8 | 1876.9 | 1868.9 |
| 42.5° | 1535.2 | 1547.2 | 1543.2 | 1555.2 | 1543.2 | 1547.2 | 1535.2 | 1527.4 | 1511.4 | 1497.5 | 1485.7 |
| 45° | 1187.7 | 1195.7 | 1195.7 | 1199.6 | 1195.7 | 1195.7 | 1187.7 | 1179.7 | 1165.8 | 1153.8 | 1146.0 |
| 47.5° | 911.6 | 911.6 | 911.6 | 913.6 | 911.6 | 911.6 | 911.6 | 897.7 | 893.8 | 885.8 | 875.8 |
| 50° | 693.1 | 695.1 | 697.1 | 699.2 | 697.1 | 695.1 | 693.1 | 689.2 | 687.2 | 683.1 | 681.2 |
| 52.5° | 532.3 | 534.3 | 530.3 | 534.3 | 530.3 | 534.3 | 532.3 | 534.3 | 528.2 | 528.2 | 526.3 |
| 55° | 403.2 | 401.2 | 403.2 | 405.1 | 403.2 | 401.2 | 403.2 | 403.2 | 401.2 | 401.2 | 401.2 |
| 57.5° | 295.9 | 291.9 | 291.9 | 291.9 | 291.9 | 291.9 | 295.9 | 293.9 | 300.0 | 295.9 | 297.8 |
| 60° | 220.5 | 222.4 | 222.4 | 224.4 | 222.4 | 222.4 | 220.5 | 224.4 | 224.4 | 226.4 | 226.4 |
| 62.5° | 162.9 | 168.8 | 164.8 | 168.8 | 164.8 | 168.8 | 162.9 | 164.8 | 164.8 | 166.8 | 168.8 |
| 65° | 105.3 | 105.3 | 105.3 | 107.3 | 105.3 | 105.3 | 105.3 | 107.3 | 109.2 | 107.3 | 113.2 |
| 67.5° | 71.5 | 73.5 | 77.5 | 75.4 | 77.5 | 73.5 | 71.5 | 73.5 | 73.5 | 79.5 | 77.5 |
| 70° | 57.6 | 51.7 | 51.7 | 57.6 | 51.7 | 51.7 | 57.6 | 53.6 | 51.7 | 55.6 | 53.6 |
| 72.5° | 33.7 | 29.7 | 33.7 | 33.7 | 33.7 | 29.7 | 33.7 | 29.7 | 31.8 | 31.8 | 35.8 |
| 75° | 17.9 | 15.8 | 13.9 | 19.8 | 13.9 | 15.8 | 17.9 | 17.9 | 17.9 | 17.9 | 19.8 |
| 77.5° | 11.9 | 9.9 | 13.9 | 13.9 | 13.9 | 9.9 | 11.9 | 9.9 | 11.9 | 9.9 | 11.9 |
| 80° | 5.9 | 8.0 | 5.9 | 9.9 | 5.9 | 8.0 | 5.9 | 9.9 | 5.9 | 8.0 | 8.0 |
| 82.5° | 2.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 2.0 | 2.0 | 4.0 | 4.0 | 2.0 |
| 85° | 0.0 | 4.0 | 2.0 | 2.0 | 2.0 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.0 | 0.0 | 0.0 | 2.0 | 0.0 | 0.0 | 2.0 | 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: P248751

CATALOG NUMBER: LSR8B80D010 EC8B80930 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4109.2 | 4103.3 | 4105.3 | 4093.3 | 4093.3 | 4089.4 | 4091.4 | 4081.4 | 4077.5 | 4073.5 | 4079.4 |
| 5° | 4168.9 | 4158.9 | 4151.0 | 4133.1 | 4123.2 | 4111.3 | 4105.3 | 4089.4 | 4075.5 | 4063.5 | 4061.6 |
| 7.5° | 4216.5 | 4194.7 | 4180.8 | 4156.9 | 4139.1 | 4125.2 | 4105.3 | 4083.4 | 4065.6 | 4049.6 | 4037.8 |
| 10° | 4236.4 | 4214.5 | 4192.8 | 4162.8 | 4143.0 | 4117.2 | 4097.3 | 4069.6 | 4045.7 | 4023.9 | 4009.9 |
| 12.5° | 4238.3 | 4210.5 | 4190.6 | 4156.9 | 4131.1 | 4103.3 | 4081.4 | 4049.6 | 4021.8 | 4000.1 | 3978.2 |
| 15° | 4220.5 | 4194.7 | 4170.8 | 4135.0 | 4109.2 | 4083.4 | 4057.7 | 4023.9 | 3998.0 | 3972.3 | 3956.3 |
| 17.5° | 4180.8 | 4156.9 | 4129.1 | 4095.3 | 4071.6 | 4047.7 | 4019.9 | 3992.1 | 3962.3 | 3934.5 | 3914.6 |
| 20° | 4129.1 | 4103.3 | 4079.4 | 4045.7 | 4025.8 | 4000.1 | 3974.2 | 3944.5 | 3920.6 | 3892.8 | 3870.9 |
| 22.5° | 4051.7 | 4027.9 | 4006.0 | 3986.2 | 3954.3 | 3934.5 | 3916.7 | 3882.9 | 3859.0 | 3833.1 | 3809.4 |
| 25° | 3940.4 | 3916.7 | 3898.7 | 3874.8 | 3860.9 | 3839.1 | 3821.3 | 3791.4 | 3769.7 | 3745.8 | 3725.9 |
| 27.5° | 3757.7 | 3743.8 | 3733.8 | 3719.9 | 3708.0 | 3698.1 | 3688.2 | 3664.3 | 3648.5 | 3626.7 | 3606.8 |
| 30° | 3483.6 | 3481.6 | 3475.7 | 3469.7 | 3477.7 | 3477.7 | 3477.7 | 3473.8 | 3459.9 | 3443.8 | 3430.0 |
| 32.5° | 3132.1 | 3136.1 | 3144.1 | 3150.0 | 3165.8 | 3183.8 | 3199.6 | 3207.5 | 3207.5 | 3197.7 | 3191.7 |
| 35° | 2713.0 | 2719.0 | 2731.0 | 2746.8 | 2766.6 | 2788.5 | 2824.2 | 2832.2 | 2838.1 | 2838.1 | 2830.2 |
| 37.5° | 2278.1 | 2276.1 | 2288.0 | 2301.9 | 2313.9 | 2329.7 | 2355.6 | 2361.5 | 2371.4 | 2367.4 | 2359.5 |
| 40° | 1855.0 | 1845.1 | 1841.1 | 1845.1 | 1859.0 | 1853.0 | 1859.0 | 1855.0 | 1855.0 | 1841.1 | 1841.1 |
| 42.5° | 1463.7 | 1451.9 | 1443.8 | 1438.0 | 1438.0 | 1424.0 | 1414.1 | 1404.2 | 1398.2 | 1388.2 | 1386.3 |
| 45° | 1128.2 | 1114.2 | 1104.3 | 1100.3 | 1094.4 | 1076.5 | 1064.5 | 1052.6 | 1038.7 | 1034.8 | 1036.7 |
| 47.5° | 875.8 | 861.9 | 858.0 | 848.0 | 838.1 | 828.2 | 820.2 | 806.3 | 804.3 | 796.4 | 804.3 |
| 50° | 675.3 | 671.4 | 665.3 | 661.4 | 655.3 | 647.5 | 639.5 | 631.6 | 627.6 | 627.6 | 629.6 |
| 52.5° | 524.3 | 526.3 | 520.4 | 514.3 | 510.4 | 510.4 | 500.5 | 498.5 | 498.5 | 490.5 | 498.5 |
| 55° | 401.2 | 399.2 | 401.2 | 397.2 | 397.2 | 391.2 | 391.2 | 385.3 | 385.3 | 379.3 | 383.3 |
| 57.5° | 293.9 | 297.8 | 293.9 | 295.9 | 300.0 | 293.9 | 291.9 | 286.0 | 290.0 | 286.0 | 288.0 |
| 60° | 228.5 | 228.5 | 228.5 | 226.4 | 226.4 | 224.4 | 224.4 | 222.4 | 222.4 | 218.5 | 222.4 |
| 62.5° | 168.8 | 170.7 | 170.7 | 170.7 | 172.9 | 170.7 | 168.8 | 170.7 | 168.8 | 168.8 | 170.7 |
| 65° | 111.3 | 113.2 | 113.2 | 111.3 | 115.2 | 111.3 | 113.2 | 115.2 | 117.1 | 115.2 | 117.1 |
| 67.5° | 75.4 | 75.4 | 77.5 | 79.5 | 77.5 | 79.5 | 81.4 | 79.5 | 81.4 | 85.4 | 81.4 |
| 70° | 55.6 | 57.6 | 57.6 | 55.6 | 53.6 | 55.6 | 53.6 | 59.6 | 59.6 | 59.6 | 63.6 |
| 72.5° | 35.8 | 35.8 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 39.7 | 35.8 | 33.7 | 37.8 |
| 75° | 19.8 | 21.9 | 21.9 | 15.8 | 17.9 | 21.9 | 15.8 | 17.9 | 23.9 | 19.8 | 23.9 |
| 77.5° | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 11.9 | 15.8 | 13.9 | 13.9 | 13.9 | 15.8 |
| 80° | 9.9 | 8.0 | 8.0 | 5.9 | 8.0 | 8.0 | 8.0 | 11.9 | 9.9 | 9.9 | 11.9 |
| 82.5° | 4.0 | 4.0 | 2.0 | 0.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 4.0 | 8.0 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 2.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.0 | 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: P248751

CATALOG NUMBER: LSR8B80D010 EC8B80930 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4063.5 | 4063.5 | 4061.6 | 4057.7 | 4049.6 | 4049.6 | 4047.7 | 4041.8 | 4037.8 | 4035.7 | 4035.7 |
| 5° | 4043.7 | 4035.7 | 4027.9 | 4006.0 | 4006.0 | 4002.0 | 3990.1 | 3982.1 | 3978.2 | 3968.2 | 3964.3 |
| 7.5° | 4025.8 | 4002.0 | 3988.1 | 3974.2 | 3956.3 | 3948.4 | 3934.5 | 3928.5 | 3914.6 | 3904.7 | 3898.7 |
| 10° | 3982.1 | 3966.2 | 3948.4 | 3926.5 | 3912.6 | 3896.8 | 3880.8 | 3869.0 | 3851.1 | 3841.1 | 3833.1 |
| 12.5° | 3952.3 | 3928.5 | 3912.6 | 3888.7 | 3865.0 | 3851.1 | 3829.2 | 3815.3 | 3797.5 | 3777.5 | 3765.7 |
| 15° | 3924.6 | 3898.7 | 3876.9 | 3851.1 | 3825.2 | 3809.4 | 3783.6 | 3767.7 | 3741.9 | 3721.9 | 3708.0 |
| 17.5° | 3882.9 | 3860.9 | 3837.2 | 3805.3 | 3781.6 | 3761.7 | 3733.8 | 3714.1 | 3690.2 | 3664.3 | 3650.4 |
| 20° | 3839.1 | 3813.3 | 3789.5 | 3757.7 | 3733.8 | 3710.1 | 3682.3 | 3660.4 | 3632.6 | 3608.7 | 3592.9 |
| 22.5° | 3781.6 | 3751.8 | 3731.9 | 3700.1 | 3672.3 | 3646.5 | 3620.7 | 3594.8 | 3569.0 | 3549.2 | 3531.3 |
| 25° | 3698.1 | 3666.3 | 3644.5 | 3618.7 | 3592.9 | 3573.1 | 3541.2 | 3525.4 | 3499.5 | 3481.6 | 3463.8 |
| 27.5° | 3578.9 | 3555.1 | 3535.3 | 3509.4 | 3487.7 | 3471.7 | 3447.9 | 3432.1 | 3410.1 | 3394.3 | 3380.4 |
| 30° | 3404.3 | 3384.4 | 3366.5 | 3340.6 | 3324.8 | 3310.9 | 3289.0 | 3275.1 | 3259.2 | 3241.3 | 3237.3 |
| 32.5° | 3169.9 | 3153.9 | 3136.1 | 3118.2 | 3106.3 | 3098.3 | 3080.4 | 3072.4 | 3056.6 | 3046.7 | 3036.8 |
| 35° | 2816.3 | 2802.4 | 2792.5 | 2784.6 | 2780.5 | 2782.5 | 2778.6 | 2786.6 | 2790.5 | 2788.5 | 2790.5 |
| 37.5° | 2353.5 | 2345.6 | 2349.6 | 2355.6 | 2375.4 | 2401.3 | 2425.1 | 2460.7 | 2484.6 | 2508.5 | 2530.3 |
| 40° | 1837.2 | 1843.1 | 1859.0 | 1894.7 | 1946.4 | 2004.0 | 2057.6 | 2125.2 | 2192.7 | 2240.3 | 2284.0 |
| 42.5° | 1386.3 | 1404.2 | 1443.8 | 1495.5 | 1573.0 | 1658.4 | 1741.8 | 1841.1 | 1922.6 | 2002.0 | 2057.6 |
| 45° | 1042.8 | 1066.5 | 1118.2 | 1189.7 | 1275.0 | 1374.3 | 1479.7 | 1590.8 | 1688.2 | 1769.6 | 1831.2 |
| 47.5° | 812.4 | 834.1 | 885.8 | 961.3 | 1066.5 | 1169.9 | 1279.1 | 1394.3 | 1495.5 | 1575.0 | 1628.6 |
| 50° | 641.4 | 669.2 | 715.0 | 794.5 | 899.7 | 1009.0 | 1122.2 | 1235.3 | 1330.7 | 1398.2 | 1445.9 |
| 52.5° | 504.4 | 530.3 | 574.0 | 657.5 | 764.6 | 873.9 | 979.1 | 1090.4 | 1173.8 | 1239.4 | 1271.1 |
| 55° | 391.2 | 415.1 | 460.7 | 530.3 | 631.6 | 738.9 | 844.1 | 939.5 | 1016.9 | 1064.5 | 1094.4 |
| 57.5° | 297.8 | 315.8 | 347.6 | 417.1 | 508.5 | 607.7 | 697.1 | 792.4 | 852.1 | 885.8 | 905.7 |
| 60° | 226.4 | 240.3 | 274.1 | 327.8 | 411.1 | 496.6 | 572.0 | 643.6 | 691.2 | 719.0 | 738.9 |
| 62.5° | 170.7 | 186.8 | 210.5 | 256.1 | 319.7 | 389.3 | 452.8 | 506.5 | 546.2 | 564.1 | 578.0 |
| 65° | 117.1 | 129.0 | 147.0 | 182.7 | 236.3 | 286.0 | 335.6 | 375.4 | 401.2 | 421.0 | 429.0 |
| 67.5° | 87.4 | 95.3 | 105.3 | 133.1 | 170.7 | 210.5 | 244.3 | 272.1 | 300.0 | 307.8 | 321.7 |
| 70° | 65.6 | 71.5 | 81.4 | 101.3 | 123.1 | 150.9 | 178.8 | 194.6 | 214.6 | 228.5 | 232.4 |
| 72.5° | 41.7 | 43.6 | 53.6 | 65.6 | 83.4 | 101.3 | 119.2 | 133.1 | 145.1 | 152.9 | 156.8 |
| 75° | 23.9 | 35.8 | 35.8 | 47.6 | 59.6 | 67.5 | 79.5 | 89.3 | 95.3 | 101.3 | 101.3 |
| 77.5° | 15.8 | 21.9 | 23.9 | 29.7 | 35.8 | 45.7 | 55.6 | 61.5 | 67.5 | 69.5 | 69.5 |
| 80° | 13.9 | 15.8 | 15.8 | 21.9 | 25.8 | 33.7 | 39.7 | 41.7 | 45.7 | 47.6 | 51.7 |
| 82.5° | 5.9 | 8.0 | 9.9 | 15.8 | 17.9 | 17.9 | 23.9 | 25.8 | 29.7 | 31.8 | 31.8 |
| 85° | 2.0 | 4.0 | 4.0 | 5.9 | 9.9 | 11.9 | 13.9 | 15.8 | 17.9 | 17.9 | 19.8 |
| 87.5° | 2.0 | 2.0 | 0.0 | 2.0 | 4.0 | 4.0 | 8.0 | 8.0 | 8.0 | 11.9 | 11.9 |
| 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: P248751

CATALOG NUMBER: LSR8B80D010 EC8B80930 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 | 4067.5 |
| 2.5° | 4031.8 | 4033.8 | 4025.8 | 4023.9 | 4019.9 | 4021.8 | 4025.8 |
| 5° | 3958.4 | 3960.3 | 3952.3 | 3944.5 | 3944.5 | 3942.4 | 3944.5 |
| 7.5° | 3888.7 | 3890.8 | 3878.9 | 3874.8 | 3866.9 | 3869.0 | 3869.0 |
| 10° | 3819.2 | 3819.2 | 3801.4 | 3799.4 | 3793.5 | 3791.4 | 3791.4 |
| 12.5° | 3751.8 | 3745.8 | 3731.9 | 3724.0 | 3728.0 | 3716.0 | 3716.0 |
| 15° | 3692.1 | 3682.3 | 3664.3 | 3658.4 | 3648.5 | 3644.5 | 3644.5 |
| 17.5° | 3630.6 | 3622.6 | 3606.8 | 3594.8 | 3582.9 | 3580.9 | 3582.9 |
| 20° | 3570.9 | 3563.1 | 3543.3 | 3535.3 | 3525.4 | 3525.4 | 3521.4 |
| 22.5° | 3511.4 | 3503.5 | 3485.6 | 3479.7 | 3465.8 | 3465.8 | 3467.7 |
| 25° | 3449.9 | 3443.8 | 3424.0 | 3420.1 | 3418.2 | 3410.1 | 3414.1 |
| 27.5° | 3366.5 | 3362.4 | 3346.6 | 3340.6 | 3332.7 | 3330.7 | 3334.6 |
| 30° | 3213.5 | 3207.5 | 3195.6 | 3189.7 | 3175.8 | 3177.8 | 3181.7 |
| 32.5° | 3022.9 | 3014.9 | 2999.0 | 2993.1 | 2981.2 | 2977.2 | 2979.2 |
| 35° | 2784.6 | 2778.6 | 2764.7 | 2764.7 | 2752.7 | 2748.8 | 2752.7 |
| 37.5° | 2542.2 | 2548.1 | 2542.2 | 2548.1 | 2542.2 | 2540.2 | 2542.2 |
| 40° | 2313.9 | 2335.7 | 2339.6 | 2361.5 | 2353.5 | 2365.4 | 2363.5 |
| 42.5° | 2095.4 | 2131.0 | 2145.0 | 2162.9 | 2158.9 | 2166.9 | 2172.8 |
| 45° | 1874.9 | 1904.7 | 1918.6 | 1930.5 | 1932.5 | 1936.5 | 1938.4 |
| 47.5° | 1666.3 | 1690.1 | 1692.1 | 1706.0 | 1704.0 | 1704.0 | 1710.1 |
| 50° | 1471.8 | 1487.6 | 1491.5 | 1501.5 | 1493.6 | 1489.6 | 1491.5 |
| 52.5° | 1290.9 | 1306.9 | 1302.8 | 1306.9 | 1297.0 | 1293.0 | 1294.9 |
| 55° | 1106.2 | 1114.2 | 1114.2 | 1114.2 | 1102.3 | 1102.3 | 1102.3 |
| 57.5° | 917.5 | 919.6 | 915.6 | 917.5 | 915.6 | 903.6 | 901.7 |
| 60° | 744.8 | 744.8 | 742.8 | 744.8 | 738.9 | 732.9 | 732.9 |
| 62.5° | 581.9 | 585.9 | 593.8 | 585.9 | 581.9 | 585.9 | 579.9 |
| 65° | 434.9 | 442.9 | 440.9 | 444.9 | 442.9 | 442.9 | 438.9 |
| 67.5° | 327.8 | 329.7 | 331.7 | 333.7 | 333.7 | 333.7 | 333.7 |
| 70° | 240.3 | 246.3 | 244.3 | 244.3 | 244.3 | 244.3 | 256.1 |
| 72.5° | 160.9 | 168.8 | 166.8 | 170.7 | 170.7 | 174.8 | 170.7 |
| 75° | 109.2 | 117.1 | 113.2 | 119.2 | 117.1 | 113.2 | 123.1 |
| 77.5° | 73.5 | 77.5 | 79.5 | 81.4 | 79.5 | 77.5 | 79.5 |
| 80° | 51.7 | 55.6 | 53.6 | 55.6 | 55.6 | 55.6 | 57.6 |
| 82.5° | 31.8 | 37.8 | 35.8 | 37.8 | 35.8 | 37.8 | 37.8 |
| 85° | 21.9 | 23.9 | 19.8 | 23.9 | 21.9 | 21.9 | 25.8 |
| 87.5° | 13.9 | 11.9 | 11.9 | 13.9 | 11.9 | 13.9 | 11.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)