

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: P248992

Luminaire Tested: **LSR8B60D010 EC8B60835 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248992
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: LSR8B60D010 EC8B60835 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3500 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6172.0 lumens
Efficiency: N/A
Efficacy: 103.7 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

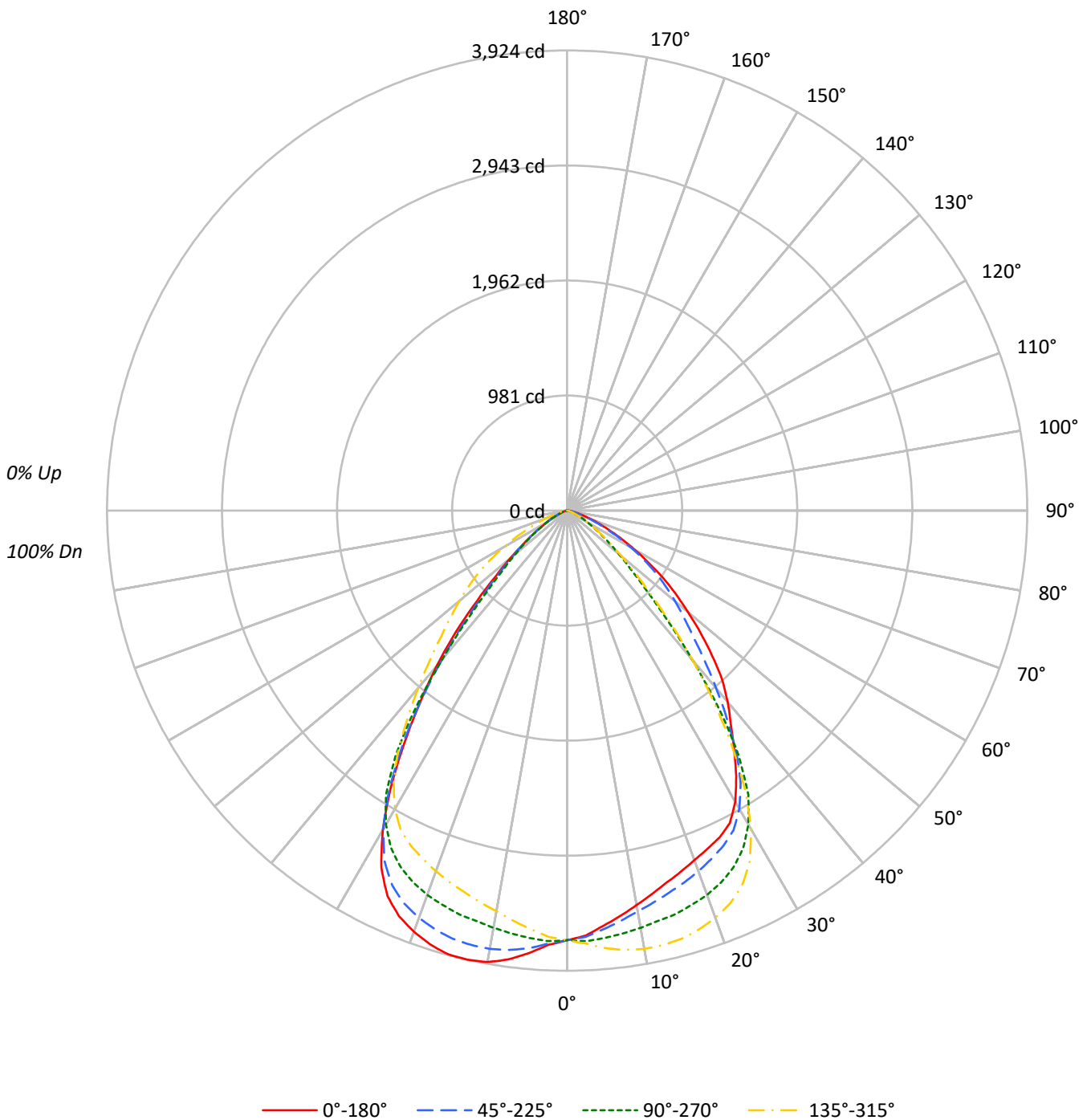
Input Watts (W): 59.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

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

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 112987 | 112987 | 112987 | 112987 |
| 5° | 109986 | 113252 | 117297 | 113252 |
| 10° | 106943 | 113105 | 122405 | 113105 |
| 15° | 104807 | 113777 | 125085 | 113777 |
| 20° | 104093 | 114427 | 125407 | 114427 |
| 25° | 104641 | 114199 | 123392 | 114199 |
| 30° | 102052 | 110018 | 111994 | 110018 |
| 35° | 93346 | 95974 | 91058 | 95974 |
| 40° | 85705 | 66761 | 69716 | 66761 |
| 45° | 76150 | 40727 | 47124 | 40727 |
| 50° | 64456 | 27205 | 30213 | 27205 |
| 55° | 53385 | 18564 | 19623 | 18564 |
| 60° | 40716 | 12359 | 12464 | 12359 |
| 65° | 28850 | 7698 | 7048 | 7698 |
| 70° | 20809 | 5157 | 4679 | 5157 |
| 75° | 13213 | 2562 | 2133 | 2562 |
| 80° | 9216 | 1918 | 1580 | 1918 |
| 85° | 8244 | 0 | 637 | 0 |



TEST NUMBER: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 348.8 | 5.7 |
| 10°-20° | 1009.9 | 16.4 |
| 20°-30° | 1529.3 | 24.8 |
| 30°-40° | 1532.7 | 24.8 |
| 40°-50° | 962.4 | 15.6 |
| 50°-60° | 512.9 | 8.3 |
| 60°-70° | 210.9 | 3.4 |
| 70°-80° | 55.7 | 0.9 |
| 80°-90° | 9.4 | 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° | 2887.9 | 46.8 |
| 0°-40° | 4420.6 | 71.6 |
| 0°-60° | 5896.0 | 95.5 |
| 0°-90° | 6172.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6172.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 3664 | 3664 | 3664 | 3664 | 3664 | |
| 5° | 3553 | 3659 | 3789 | 3659 | 3553 | 335 |
| 15° | 3283 | 3564 | 3918 | 3564 | 3283 | 929 |
| 25° | 3076 | 3356 | 3627 | 3356 | 3076 | 1411 |
| 35° | 2480 | 2550 | 2419 | 2550 | 2480 | 1554 |
| 45° | 1746 | 934 | 1081 | 934 | 1746 | 1343 |
| 55° | 993 | 345 | 365 | 345 | 993 | 885 |
| 65° | 395 | 106 | 97 | 106 | 395 | 410 |
| 75° | 111 | 22 | 18 | 22 | 111 | 126 |
| 85° | 23 | 0 | 2 | 0 | 23 | 26 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3626.6 | 3623.0 | 3621.2 | 3624.8 | 3626.6 | 3633.7 | 3631.9 | 3635.5 | 3635.5 | 3637.3 | 3640.9 |
| 5° | 3553.2 | 3551.4 | 3553.2 | 3553.2 | 3560.4 | 3567.5 | 3565.7 | 3571.1 | 3574.6 | 3583.6 | 3587.2 |
| 7.5° | 3485.2 | 3485.2 | 3483.4 | 3490.5 | 3494.2 | 3504.9 | 3503.1 | 3512.1 | 3517.4 | 3526.3 | 3538.9 |
| 10° | 3415.4 | 3415.4 | 3417.2 | 3422.6 | 3424.4 | 3440.5 | 3440.5 | 3453.0 | 3460.1 | 3469.1 | 3485.2 |
| 12.5° | 3347.5 | 3347.5 | 3358.2 | 3354.6 | 3361.7 | 3374.3 | 3379.6 | 3392.2 | 3402.9 | 3420.8 | 3436.9 |
| 15° | 3283.0 | 3283.0 | 3286.6 | 3295.5 | 3300.9 | 3317.0 | 3326.0 | 3340.3 | 3352.8 | 3370.7 | 3394.0 |
| 17.5° | 3227.6 | 3225.8 | 3227.6 | 3238.3 | 3249.1 | 3263.4 | 3270.5 | 3288.4 | 3300.9 | 3324.2 | 3345.7 |
| 20° | 3172.1 | 3175.7 | 3175.7 | 3184.6 | 3191.8 | 3209.7 | 3216.8 | 3236.6 | 3250.8 | 3272.3 | 3297.4 |
| 22.5° | 3123.8 | 3122.0 | 3122.0 | 3134.6 | 3139.9 | 3156.0 | 3163.1 | 3181.0 | 3197.2 | 3215.1 | 3238.3 |
| 25° | 3075.5 | 3071.9 | 3079.1 | 3080.9 | 3084.4 | 3102.3 | 3107.7 | 3120.2 | 3136.3 | 3152.5 | 3175.7 |
| 27.5° | 3003.9 | 3000.4 | 3002.2 | 3009.3 | 3014.7 | 3029.0 | 3032.6 | 3045.1 | 3057.6 | 3071.9 | 3091.6 |
| 30° | 2866.1 | 2862.6 | 2860.8 | 2873.4 | 2878.7 | 2889.4 | 2894.8 | 2916.3 | 2919.8 | 2936.0 | 2950.2 |
| 32.5° | 2683.7 | 2681.9 | 2685.5 | 2696.2 | 2701.5 | 2715.9 | 2723.1 | 2735.6 | 2744.5 | 2753.5 | 2767.8 |
| 35° | 2479.7 | 2476.1 | 2479.7 | 2490.5 | 2490.5 | 2503.0 | 2508.4 | 2513.7 | 2511.9 | 2513.7 | 2510.2 |
| 37.5° | 2290.1 | 2288.3 | 2290.1 | 2295.4 | 2290.1 | 2295.4 | 2290.1 | 2279.4 | 2259.7 | 2238.2 | 2216.7 |
| 40° | 2129.1 | 2130.8 | 2120.1 | 2127.3 | 2107.6 | 2104.0 | 2084.4 | 2057.5 | 2018.2 | 1975.2 | 1914.4 |
| 42.5° | 1957.3 | 1951.9 | 1944.8 | 1948.3 | 1932.3 | 1919.7 | 1887.5 | 1853.6 | 1803.4 | 1731.9 | 1658.5 |
| 45° | 1746.2 | 1744.4 | 1740.8 | 1739.1 | 1728.3 | 1715.8 | 1688.9 | 1649.6 | 1594.1 | 1520.8 | 1433.1 |
| 47.5° | 1540.4 | 1535.1 | 1535.1 | 1536.8 | 1524.3 | 1522.5 | 1501.0 | 1467.1 | 1418.8 | 1347.2 | 1256.0 |
| 50° | 1343.6 | 1341.8 | 1345.4 | 1352.6 | 1343.6 | 1340.1 | 1325.8 | 1302.5 | 1259.6 | 1198.7 | 1112.8 |
| 52.5° | 1166.5 | 1164.7 | 1168.3 | 1177.2 | 1173.6 | 1177.2 | 1163.0 | 1145.1 | 1116.4 | 1057.3 | 982.2 |
| 55° | 993.0 | 993.0 | 993.0 | 1003.7 | 1003.7 | 1003.7 | 996.5 | 985.8 | 959.0 | 916.0 | 846.3 |
| 57.5° | 812.3 | 814.0 | 824.8 | 826.6 | 824.8 | 828.4 | 826.6 | 815.8 | 798.0 | 767.6 | 713.9 |
| 60° | 660.2 | 660.2 | 665.6 | 671.0 | 669.1 | 671.0 | 671.0 | 665.6 | 647.7 | 622.6 | 579.7 |
| 62.5° | 522.4 | 527.8 | 524.2 | 527.8 | 534.9 | 527.8 | 524.2 | 520.6 | 508.1 | 492.0 | 456.2 |
| 65° | 395.4 | 399.0 | 399.0 | 400.8 | 397.2 | 399.0 | 391.8 | 386.5 | 379.3 | 361.4 | 338.2 |
| 67.5° | 300.6 | 300.6 | 300.6 | 300.6 | 298.8 | 297.0 | 295.2 | 289.9 | 277.3 | 270.2 | 245.1 |
| 70° | 230.8 | 220.0 | 220.0 | 220.0 | 220.0 | 221.9 | 216.5 | 209.4 | 205.8 | 193.2 | 175.3 |
| 72.5° | 153.8 | 157.4 | 153.8 | 153.8 | 150.3 | 152.1 | 144.9 | 141.3 | 137.8 | 130.6 | 119.9 |
| 75° | 110.9 | 102.0 | 105.5 | 107.4 | 102.0 | 105.5 | 98.4 | 91.2 | 91.2 | 85.9 | 80.5 |
| 77.5° | 71.6 | 69.8 | 71.6 | 73.3 | 71.6 | 69.8 | 66.2 | 62.6 | 62.6 | 60.8 | 55.5 |
| 80° | 51.9 | 50.1 | 50.1 | 50.1 | 48.3 | 50.1 | 46.5 | 46.5 | 42.9 | 41.2 | 37.6 |
| 82.5° | 34.0 | 34.0 | 32.2 | 34.0 | 32.2 | 34.0 | 28.6 | 28.6 | 28.6 | 26.8 | 23.3 |
| 85° | 23.3 | 19.7 | 19.7 | 21.5 | 17.9 | 21.5 | 19.7 | 17.9 | 16.1 | 16.1 | 14.3 |
| 87.5° | 10.8 | 12.5 | 10.8 | 12.5 | 10.8 | 10.8 | 12.5 | 10.8 | 10.8 | 7.1 | 7.1 |
| 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3646.2 | 3648.0 | 3648.0 | 3655.2 | 3658.7 | 3660.5 | 3660.5 | 3674.9 | 3669.5 | 3673.1 | 3676.6 |
| 5° | 3594.4 | 3605.1 | 3608.7 | 3608.7 | 3628.3 | 3635.5 | 3642.6 | 3658.7 | 3660.5 | 3671.3 | 3683.8 |
| 7.5° | 3544.2 | 3556.8 | 3564.0 | 3580.0 | 3592.5 | 3605.1 | 3626.6 | 3637.3 | 3648.0 | 3662.4 | 3678.4 |
| 10° | 3495.9 | 3510.3 | 3524.6 | 3537.1 | 3556.8 | 3572.9 | 3587.2 | 3612.2 | 3624.8 | 3644.5 | 3665.9 |
| 12.5° | 3449.5 | 3469.1 | 3481.6 | 3503.1 | 3524.6 | 3538.9 | 3560.4 | 3583.6 | 3603.3 | 3623.0 | 3648.0 |
| 15° | 3408.3 | 3431.6 | 3445.8 | 3469.1 | 3492.4 | 3512.1 | 3535.3 | 3564.0 | 3578.3 | 3601.5 | 3624.8 |
| 17.5° | 3363.5 | 3388.6 | 3406.5 | 3428.0 | 3456.6 | 3478.0 | 3497.8 | 3526.3 | 3544.2 | 3569.3 | 3596.1 |
| 20° | 3317.0 | 3342.1 | 3363.5 | 3385.0 | 3413.7 | 3435.1 | 3458.4 | 3487.0 | 3506.7 | 3531.7 | 3553.2 |
| 22.5° | 3261.6 | 3284.9 | 3308.1 | 3333.1 | 3361.7 | 3379.6 | 3406.5 | 3431.6 | 3453.0 | 3476.3 | 3497.8 |
| 25° | 3190.0 | 3218.7 | 3236.6 | 3259.8 | 3283.0 | 3302.7 | 3331.3 | 3356.4 | 3374.3 | 3395.8 | 3415.4 |
| 27.5° | 3105.9 | 3127.4 | 3141.7 | 3161.4 | 3184.6 | 3202.5 | 3224.0 | 3249.1 | 3267.0 | 3286.6 | 3300.9 |
| 30° | 2962.8 | 2982.5 | 2995.0 | 3009.3 | 3032.6 | 3048.7 | 3066.6 | 3089.8 | 3102.3 | 3116.7 | 3129.2 |
| 32.5° | 2774.9 | 2791.0 | 2798.2 | 2808.9 | 2825.0 | 2841.1 | 2855.5 | 2875.1 | 2880.5 | 2889.4 | 2889.4 |
| 35° | 2503.0 | 2506.5 | 2504.8 | 2508.4 | 2515.5 | 2524.4 | 2537.0 | 2549.5 | 2556.6 | 2556.6 | 2551.3 |
| 37.5° | 2184.5 | 2163.1 | 2139.8 | 2121.9 | 2116.5 | 2112.9 | 2120.1 | 2125.4 | 2132.7 | 2136.2 | 2127.3 |
| 40° | 1853.6 | 1805.3 | 1753.3 | 1706.8 | 1674.6 | 1660.3 | 1655.0 | 1658.5 | 1658.5 | 1671.0 | 1671.0 |
| 42.5° | 1569.1 | 1493.9 | 1417.0 | 1347.2 | 1300.7 | 1264.9 | 1248.8 | 1248.8 | 1250.6 | 1259.6 | 1264.9 |
| 45° | 1332.9 | 1238.1 | 1148.6 | 1071.7 | 1007.3 | 960.7 | 939.3 | 933.9 | 932.2 | 935.7 | 948.2 |
| 47.5° | 1152.2 | 1053.8 | 960.7 | 866.0 | 798.0 | 751.4 | 731.8 | 724.6 | 717.4 | 724.6 | 726.4 |
| 50° | 1010.9 | 908.9 | 810.5 | 715.7 | 644.1 | 602.9 | 577.9 | 567.1 | 565.3 | 565.3 | 569.0 |
| 52.5° | 882.0 | 787.2 | 688.8 | 592.2 | 517.0 | 477.7 | 454.4 | 449.1 | 441.9 | 449.1 | 449.1 |
| 55° | 760.4 | 665.6 | 569.0 | 477.7 | 415.0 | 374.0 | 352.4 | 345.3 | 341.7 | 347.1 | 347.1 |
| 57.5° | 628.0 | 547.5 | 458.1 | 375.7 | 313.1 | 284.5 | 268.4 | 259.4 | 257.6 | 261.2 | 257.6 |
| 60° | 515.3 | 447.3 | 370.3 | 295.2 | 246.9 | 216.5 | 204.0 | 200.4 | 196.8 | 200.4 | 200.4 |
| 62.5° | 407.9 | 350.7 | 288.0 | 230.8 | 189.6 | 168.2 | 153.8 | 153.8 | 152.1 | 152.1 | 153.8 |
| 65° | 302.4 | 257.6 | 212.9 | 164.6 | 132.4 | 116.3 | 105.5 | 105.5 | 103.8 | 105.5 | 103.8 |
| 67.5° | 220.0 | 189.6 | 153.8 | 119.9 | 94.9 | 85.9 | 78.7 | 73.3 | 77.0 | 73.3 | 71.6 |
| 70° | 161.1 | 135.9 | 110.9 | 91.2 | 73.3 | 64.4 | 59.1 | 57.2 | 53.7 | 53.7 | 53.7 |
| 72.5° | 107.4 | 91.2 | 75.1 | 59.1 | 48.3 | 39.3 | 37.6 | 34.0 | 30.4 | 32.2 | 35.8 |
| 75° | 71.6 | 60.8 | 53.7 | 42.9 | 32.2 | 32.2 | 21.5 | 21.5 | 17.9 | 21.5 | 16.1 |
| 77.5° | 50.1 | 41.2 | 32.2 | 26.8 | 21.5 | 19.7 | 14.3 | 14.3 | 12.5 | 12.5 | 12.5 |
| 80° | 35.8 | 30.4 | 23.3 | 19.7 | 14.3 | 14.3 | 12.5 | 10.8 | 8.9 | 8.9 | 10.8 |
| 82.5° | 21.5 | 16.1 | 16.1 | 14.3 | 8.9 | 7.1 | 5.4 | 7.1 | 3.6 | 3.6 | 3.6 |
| 85° | 12.5 | 10.8 | 8.9 | 5.4 | 3.6 | 3.6 | 1.8 | 0.0 | 1.8 | 1.8 | 0.0 |
| 87.5° | 7.1 | 3.6 | 3.6 | 1.8 | 0.0 | 1.8 | 1.8 | 0.0 | 0.0 | 0.0 | 3.6 |
| 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3685.6 | 3683.8 | 3687.4 | 3687.4 | 3698.1 | 3696.3 | 3701.7 | 3701.7 | 3698.1 | 3699.9 | 3707.1 |
| 5° | 3698.1 | 3703.5 | 3714.2 | 3723.2 | 3739.2 | 3746.5 | 3755.4 | 3764.3 | 3766.1 | 3771.5 | 3776.9 |
| 7.5° | 3698.1 | 3716.0 | 3728.6 | 3744.6 | 3766.1 | 3778.6 | 3798.3 | 3814.4 | 3821.6 | 3830.5 | 3841.2 |
| 10° | 3690.9 | 3708.8 | 3732.1 | 3750.0 | 3776.9 | 3796.5 | 3816.2 | 3841.2 | 3852.0 | 3866.3 | 3880.6 |
| 12.5° | 3676.6 | 3696.3 | 3721.3 | 3744.6 | 3775.0 | 3792.9 | 3818.0 | 3841.2 | 3857.4 | 3877.0 | 3893.1 |
| 15° | 3655.2 | 3678.4 | 3701.7 | 3724.9 | 3757.1 | 3778.6 | 3801.9 | 3828.7 | 3844.8 | 3866.3 | 3880.6 |
| 17.5° | 3621.2 | 3646.2 | 3667.7 | 3689.2 | 3719.6 | 3744.6 | 3766.1 | 3791.2 | 3807.3 | 3825.2 | 3844.8 |
| 20° | 3580.0 | 3603.3 | 3626.6 | 3644.5 | 3674.9 | 3696.3 | 3719.6 | 3742.8 | 3755.4 | 3759.0 | 3789.4 |
| 22.5° | 3528.2 | 3544.2 | 3562.1 | 3590.8 | 3608.7 | 3628.3 | 3649.8 | 3671.3 | 3683.8 | 3703.5 | 3714.2 |
| 25° | 3442.2 | 3458.4 | 3478.0 | 3490.5 | 3512.1 | 3528.2 | 3549.6 | 3572.9 | 3580.0 | 3594.4 | 3605.1 |
| 27.5° | 3322.4 | 3331.3 | 3340.3 | 3351.0 | 3363.5 | 3372.5 | 3385.0 | 3395.8 | 3402.9 | 3410.1 | 3417.2 |
| 30° | 3132.7 | 3132.7 | 3132.7 | 3125.6 | 3131.0 | 3136.3 | 3138.1 | 3136.3 | 3136.3 | 3134.6 | 3134.6 |
| 32.5° | 2882.3 | 2868.0 | 2851.9 | 2837.6 | 2832.2 | 2825.0 | 2821.4 | 2816.1 | 2807.2 | 2801.8 | 2803.5 |
| 35° | 2544.1 | 2511.9 | 2492.3 | 2474.4 | 2460.1 | 2449.3 | 2444.0 | 2438.6 | 2436.8 | 2429.7 | 2422.4 |
| 37.5° | 2121.9 | 2098.6 | 2084.4 | 2073.6 | 2061.1 | 2050.3 | 2052.1 | 2053.9 | 2059.2 | 2055.7 | 2057.5 |
| 40° | 1674.6 | 1669.2 | 1674.6 | 1662.1 | 1658.5 | 1662.1 | 1671.0 | 1683.6 | 1690.7 | 1697.9 | 1710.4 |
| 42.5° | 1273.9 | 1282.8 | 1295.4 | 1295.4 | 1300.7 | 1307.9 | 1318.6 | 1338.3 | 1349.0 | 1361.5 | 1375.8 |
| 45° | 959.0 | 969.7 | 985.8 | 991.1 | 994.8 | 1003.7 | 1016.3 | 1032.3 | 1039.5 | 1050.2 | 1062.7 |
| 47.5° | 738.9 | 746.1 | 755.0 | 764.0 | 772.9 | 776.5 | 789.0 | 789.0 | 798.0 | 805.1 | 808.7 |
| 50° | 576.1 | 583.2 | 590.4 | 595.8 | 599.4 | 604.7 | 608.3 | 613.7 | 615.4 | 619.0 | 620.8 |
| 52.5° | 450.8 | 459.8 | 459.8 | 463.4 | 468.7 | 474.1 | 472.3 | 474.1 | 475.9 | 475.9 | 481.2 |
| 55° | 352.4 | 352.4 | 357.8 | 357.8 | 361.4 | 359.6 | 361.4 | 361.4 | 361.4 | 361.4 | 363.2 |
| 57.5° | 263.0 | 264.8 | 270.2 | 266.6 | 264.8 | 268.4 | 264.8 | 268.4 | 266.6 | 270.2 | 264.8 |
| 60° | 202.1 | 202.1 | 204.0 | 204.0 | 205.8 | 205.8 | 205.8 | 204.0 | 204.0 | 202.1 | 202.1 |
| 62.5° | 152.1 | 153.8 | 155.7 | 153.8 | 153.8 | 153.8 | 152.1 | 152.1 | 150.3 | 148.5 | 148.5 |
| 65° | 102.0 | 100.2 | 103.8 | 100.2 | 102.0 | 102.0 | 100.2 | 102.0 | 96.6 | 98.4 | 96.6 |
| 67.5° | 73.3 | 71.6 | 69.8 | 71.6 | 69.8 | 68.0 | 68.0 | 69.8 | 71.6 | 66.2 | 66.2 |
| 70° | 48.3 | 50.1 | 48.3 | 50.1 | 51.9 | 51.9 | 50.1 | 48.3 | 50.1 | 46.5 | 48.3 |
| 72.5° | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 32.2 | 32.2 | 32.2 | 28.6 | 28.6 | 26.8 |
| 75° | 14.3 | 19.7 | 16.1 | 14.3 | 19.7 | 19.7 | 17.9 | 17.9 | 16.1 | 16.1 | 16.1 |
| 77.5° | 14.3 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 8.9 | 10.8 | 8.9 |
| 80° | 7.1 | 7.1 | 7.1 | 5.4 | 7.1 | 7.1 | 8.9 | 7.1 | 7.1 | 5.4 | 8.9 |
| 82.5° | 3.6 | 3.6 | 3.6 | 0.0 | 1.8 | 3.6 | 3.6 | 1.8 | 3.6 | 3.6 | 1.8 |
| 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3705.3 | 3703.5 | 3705.3 | 3707.1 | 3705.3 | 3703.5 | 3705.3 | 3707.1 | 3699.9 | 3698.1 | 3701.7 |
| 5° | 3784.0 | 3784.0 | 3787.5 | 3789.4 | 3787.5 | 3784.0 | 3784.0 | 3776.9 | 3771.5 | 3766.1 | 3764.3 |
| 7.5° | 3852.0 | 3855.6 | 3859.1 | 3860.9 | 3859.1 | 3855.6 | 3852.0 | 3841.2 | 3830.5 | 3821.6 | 3814.4 |
| 10° | 3893.1 | 3898.5 | 3905.7 | 3909.2 | 3905.7 | 3898.5 | 3893.1 | 3880.6 | 3866.3 | 3852.0 | 3841.2 |
| 12.5° | 3911.0 | 3916.4 | 3925.3 | 3923.6 | 3925.3 | 3916.4 | 3911.0 | 3893.1 | 3877.0 | 3857.4 | 3841.2 |
| 15° | 3898.5 | 3905.7 | 3914.6 | 3918.2 | 3914.6 | 3905.7 | 3898.5 | 3880.6 | 3866.3 | 3844.8 | 3828.7 |
| 17.5° | 3859.1 | 3869.9 | 3875.3 | 3880.6 | 3875.3 | 3869.9 | 3859.1 | 3844.8 | 3825.2 | 3807.3 | 3791.2 |
| 20° | 3805.4 | 3812.7 | 3819.8 | 3821.6 | 3819.8 | 3812.7 | 3805.4 | 3789.4 | 3759.0 | 3755.4 | 3742.8 |
| 22.5° | 3728.6 | 3733.9 | 3750.0 | 3744.6 | 3750.0 | 3733.9 | 3728.6 | 3714.2 | 3703.5 | 3683.8 | 3671.3 |
| 25° | 3617.6 | 3623.0 | 3624.8 | 3626.6 | 3624.8 | 3623.0 | 3617.6 | 3605.1 | 3594.4 | 3580.0 | 3572.9 |
| 27.5° | 3426.2 | 3426.2 | 3429.7 | 3431.6 | 3429.7 | 3426.2 | 3426.2 | 3417.2 | 3410.1 | 3402.9 | 3395.8 |
| 30° | 3136.3 | 3136.3 | 3136.3 | 3145.3 | 3136.3 | 3136.3 | 3136.3 | 3134.6 | 3134.6 | 3136.3 | 3136.3 |
| 32.5° | 2801.8 | 2798.2 | 2794.6 | 2798.2 | 2794.6 | 2798.2 | 2801.8 | 2803.5 | 2801.8 | 2807.2 | 2816.1 |
| 35° | 2422.4 | 2420.7 | 2426.1 | 2418.9 | 2426.1 | 2420.7 | 2422.4 | 2422.4 | 2429.7 | 2436.8 | 2438.6 |
| 37.5° | 2059.2 | 2055.7 | 2062.9 | 2055.7 | 2062.9 | 2055.7 | 2059.2 | 2057.5 | 2055.7 | 2059.2 | 2053.9 |
| 40° | 1714.0 | 1717.5 | 1717.5 | 1731.9 | 1717.5 | 1717.5 | 1714.0 | 1710.4 | 1697.9 | 1690.7 | 1683.6 |
| 42.5° | 1383.0 | 1393.7 | 1390.1 | 1400.9 | 1390.1 | 1393.7 | 1383.0 | 1375.8 | 1361.5 | 1349.0 | 1338.3 |
| 45° | 1069.9 | 1077.1 | 1077.1 | 1080.6 | 1077.1 | 1077.1 | 1069.9 | 1062.7 | 1050.2 | 1039.5 | 1032.3 |
| 47.5° | 821.2 | 821.2 | 821.2 | 823.0 | 821.2 | 821.2 | 821.2 | 808.7 | 805.1 | 798.0 | 789.0 |
| 50° | 624.4 | 626.2 | 628.0 | 629.8 | 628.0 | 626.2 | 624.4 | 620.8 | 619.0 | 615.4 | 613.7 |
| 52.5° | 479.5 | 481.2 | 477.7 | 481.2 | 477.7 | 481.2 | 479.5 | 481.2 | 475.9 | 475.9 | 474.1 |
| 55° | 363.2 | 361.4 | 363.2 | 365.0 | 363.2 | 361.4 | 363.2 | 363.2 | 361.4 | 361.4 | 361.4 |
| 57.5° | 266.6 | 263.0 | 263.0 | 263.0 | 263.0 | 263.0 | 266.6 | 264.8 | 270.2 | 266.6 | 268.4 |
| 60° | 198.6 | 200.4 | 200.4 | 202.1 | 200.4 | 200.4 | 198.6 | 202.1 | 202.1 | 204.0 | 204.0 |
| 62.5° | 146.7 | 152.1 | 148.5 | 152.1 | 148.5 | 152.1 | 146.7 | 148.5 | 148.5 | 150.3 | 152.1 |
| 65° | 94.9 | 94.9 | 94.9 | 96.6 | 94.9 | 94.9 | 94.9 | 96.6 | 98.4 | 96.6 | 102.0 |
| 67.5° | 64.4 | 66.2 | 69.8 | 68.0 | 69.8 | 66.2 | 64.4 | 66.2 | 66.2 | 71.6 | 69.8 |
| 70° | 51.9 | 46.5 | 46.5 | 51.9 | 46.5 | 46.5 | 51.9 | 48.3 | 46.5 | 50.1 | 48.3 |
| 72.5° | 30.4 | 26.8 | 30.4 | 30.4 | 30.4 | 26.8 | 30.4 | 26.8 | 28.6 | 28.6 | 32.2 |
| 75° | 16.1 | 14.3 | 12.5 | 17.9 | 12.5 | 14.3 | 16.1 | 16.1 | 16.1 | 16.1 | 17.9 |
| 77.5° | 10.8 | 8.9 | 12.5 | 12.5 | 12.5 | 8.9 | 10.8 | 8.9 | 10.8 | 8.9 | 10.8 |
| 80° | 5.4 | 7.1 | 5.4 | 8.9 | 5.4 | 7.1 | 5.4 | 8.9 | 5.4 | 7.1 | 7.1 |
| 82.5° | 1.8 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 1.8 | 1.8 | 3.6 | 3.6 | 1.8 |
| 85° | 0.0 | 3.6 | 1.8 | 1.8 | 1.8 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 1.8 | 0.0 | 0.0 | 1.8 | 0.0 | 0.0 | 1.8 | 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3701.7 | 3696.3 | 3698.1 | 3687.4 | 3687.4 | 3683.8 | 3685.6 | 3676.6 | 3673.1 | 3669.5 | 3674.9 |
| 5° | 3755.4 | 3746.5 | 3739.2 | 3723.2 | 3714.2 | 3703.5 | 3698.1 | 3683.8 | 3671.3 | 3660.5 | 3658.7 |
| 7.5° | 3798.3 | 3778.6 | 3766.1 | 3744.6 | 3728.6 | 3716.0 | 3698.1 | 3678.4 | 3662.4 | 3648.0 | 3637.3 |
| 10° | 3816.2 | 3796.5 | 3776.9 | 3750.0 | 3732.1 | 3708.8 | 3690.9 | 3665.9 | 3644.5 | 3624.8 | 3612.2 |
| 12.5° | 3818.0 | 3792.9 | 3775.0 | 3744.6 | 3721.3 | 3696.3 | 3676.6 | 3648.0 | 3623.0 | 3603.3 | 3583.6 |
| 15° | 3801.9 | 3778.6 | 3757.1 | 3724.9 | 3701.7 | 3678.4 | 3655.2 | 3624.8 | 3601.5 | 3578.3 | 3564.0 |
| 17.5° | 3766.1 | 3744.6 | 3719.6 | 3689.2 | 3667.7 | 3646.2 | 3621.2 | 3596.1 | 3569.3 | 3544.2 | 3526.3 |
| 20° | 3719.6 | 3696.3 | 3674.9 | 3644.5 | 3626.6 | 3603.3 | 3580.0 | 3553.2 | 3531.7 | 3506.7 | 3487.0 |
| 22.5° | 3649.8 | 3628.3 | 3608.7 | 3590.8 | 3562.1 | 3544.2 | 3528.2 | 3497.8 | 3476.3 | 3453.0 | 3431.6 |
| 25° | 3549.6 | 3528.2 | 3512.1 | 3490.5 | 3478.0 | 3458.4 | 3442.2 | 3415.4 | 3395.8 | 3374.3 | 3356.4 |
| 27.5° | 3385.0 | 3372.5 | 3363.5 | 3351.0 | 3340.3 | 3331.3 | 3322.4 | 3300.9 | 3286.6 | 3267.0 | 3249.1 |
| 30° | 3138.1 | 3136.3 | 3131.0 | 3125.6 | 3132.7 | 3132.7 | 3132.7 | 3129.2 | 3116.7 | 3102.3 | 3089.8 |
| 32.5° | 2821.4 | 2825.0 | 2832.2 | 2837.6 | 2851.9 | 2868.0 | 2882.3 | 2889.4 | 2889.4 | 2880.5 | 2875.1 |
| 35° | 2444.0 | 2449.3 | 2460.1 | 2474.4 | 2492.3 | 2511.9 | 2544.1 | 2551.3 | 2556.6 | 2556.6 | 2549.5 |
| 37.5° | 2052.1 | 2050.3 | 2061.1 | 2073.6 | 2084.4 | 2098.6 | 2121.9 | 2127.3 | 2136.2 | 2132.7 | 2125.4 |
| 40° | 1671.0 | 1662.1 | 1658.5 | 1662.1 | 1674.6 | 1669.2 | 1674.6 | 1671.0 | 1671.0 | 1658.5 | 1658.5 |
| 42.5° | 1318.6 | 1307.9 | 1300.7 | 1295.4 | 1295.4 | 1282.8 | 1273.9 | 1264.9 | 1259.6 | 1250.6 | 1248.8 |
| 45° | 1016.3 | 1003.7 | 994.8 | 991.1 | 985.8 | 969.7 | 959.0 | 948.2 | 935.7 | 932.2 | 933.9 |
| 47.5° | 789.0 | 776.5 | 772.9 | 764.0 | 755.0 | 746.1 | 738.9 | 726.4 | 724.6 | 717.4 | 724.6 |
| 50° | 608.3 | 604.7 | 599.4 | 595.8 | 590.4 | 583.2 | 576.1 | 569.0 | 565.3 | 565.3 | 567.1 |
| 52.5° | 472.3 | 474.1 | 468.7 | 463.4 | 459.8 | 459.8 | 450.8 | 449.1 | 449.1 | 441.9 | 449.1 |
| 55° | 361.4 | 359.6 | 361.4 | 357.8 | 357.8 | 352.4 | 352.4 | 347.1 | 347.1 | 341.7 | 345.3 |
| 57.5° | 264.8 | 268.4 | 264.8 | 266.6 | 270.2 | 264.8 | 263.0 | 257.6 | 261.2 | 257.6 | 259.4 |
| 60° | 205.8 | 205.8 | 205.8 | 204.0 | 204.0 | 202.1 | 202.1 | 200.4 | 200.4 | 196.8 | 200.4 |
| 62.5° | 152.1 | 153.8 | 153.8 | 153.8 | 155.7 | 153.8 | 152.1 | 153.8 | 152.1 | 152.1 | 153.8 |
| 65° | 100.2 | 102.0 | 102.0 | 100.2 | 103.8 | 100.2 | 102.0 | 103.8 | 105.5 | 103.8 | 105.5 |
| 67.5° | 68.0 | 68.0 | 69.8 | 71.6 | 69.8 | 71.6 | 73.3 | 71.6 | 73.3 | 77.0 | 73.3 |
| 70° | 50.1 | 51.9 | 51.9 | 50.1 | 48.3 | 50.1 | 48.3 | 53.7 | 53.7 | 53.7 | 57.2 |
| 72.5° | 32.2 | 32.2 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 35.8 | 32.2 | 30.4 | 34.0 |
| 75° | 17.9 | 19.7 | 19.7 | 14.3 | 16.1 | 19.7 | 14.3 | 16.1 | 21.5 | 17.9 | 21.5 |
| 77.5° | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 10.8 | 14.3 | 12.5 | 12.5 | 12.5 | 14.3 |
| 80° | 8.9 | 7.1 | 7.1 | 5.4 | 7.1 | 7.1 | 7.1 | 10.8 | 8.9 | 8.9 | 10.8 |
| 82.5° | 3.6 | 3.6 | 1.8 | 0.0 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 3.6 | 7.1 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.8 | 1.8 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3660.5 | 3660.5 | 3658.7 | 3655.2 | 3648.0 | 3648.0 | 3646.2 | 3640.9 | 3637.3 | 3635.5 | 3635.5 |
| 5° | 3642.6 | 3635.5 | 3628.3 | 3608.7 | 3608.7 | 3605.1 | 3594.4 | 3587.2 | 3583.6 | 3574.6 | 3571.1 |
| 7.5° | 3626.6 | 3605.1 | 3592.5 | 3580.0 | 3564.0 | 3556.8 | 3544.2 | 3538.9 | 3526.3 | 3517.4 | 3512.1 |
| 10° | 3587.2 | 3572.9 | 3556.8 | 3537.1 | 3524.6 | 3510.3 | 3495.9 | 3485.2 | 3469.1 | 3460.1 | 3453.0 |
| 12.5° | 3560.4 | 3538.9 | 3524.6 | 3503.1 | 3481.6 | 3469.1 | 3449.5 | 3436.9 | 3420.8 | 3402.9 | 3392.2 |
| 15° | 3535.3 | 3512.1 | 3492.4 | 3469.1 | 3445.8 | 3431.6 | 3408.3 | 3394.0 | 3370.7 | 3352.8 | 3340.3 |
| 17.5° | 3497.8 | 3478.0 | 3456.6 | 3428.0 | 3406.5 | 3388.6 | 3363.5 | 3345.7 | 3324.2 | 3300.9 | 3288.4 |
| 20° | 3458.4 | 3435.1 | 3413.7 | 3385.0 | 3363.5 | 3342.1 | 3317.0 | 3297.4 | 3272.3 | 3250.8 | 3236.6 |
| 22.5° | 3406.5 | 3379.6 | 3361.7 | 3333.1 | 3308.1 | 3284.9 | 3261.6 | 3238.3 | 3215.1 | 3197.2 | 3181.0 |
| 25° | 3331.3 | 3302.7 | 3283.0 | 3259.8 | 3236.6 | 3218.7 | 3190.0 | 3175.7 | 3152.5 | 3136.3 | 3120.2 |
| 27.5° | 3224.0 | 3202.5 | 3184.6 | 3161.4 | 3141.7 | 3127.4 | 3105.9 | 3091.6 | 3071.9 | 3057.6 | 3045.1 |
| 30° | 3066.6 | 3048.7 | 3032.6 | 3009.3 | 2995.0 | 2982.5 | 2962.8 | 2950.2 | 2936.0 | 2919.8 | 2916.3 |
| 32.5° | 2855.5 | 2841.1 | 2825.0 | 2808.9 | 2798.2 | 2791.0 | 2774.9 | 2767.8 | 2753.5 | 2744.5 | 2735.6 |
| 35° | 2537.0 | 2524.4 | 2515.5 | 2508.4 | 2504.8 | 2506.5 | 2503.0 | 2510.2 | 2513.7 | 2511.9 | 2513.7 |
| 37.5° | 2120.1 | 2112.9 | 2116.5 | 2121.9 | 2139.8 | 2163.1 | 2184.5 | 2216.7 | 2238.2 | 2259.7 | 2279.4 |
| 40° | 1655.0 | 1660.3 | 1674.6 | 1706.8 | 1753.3 | 1805.3 | 1853.6 | 1914.4 | 1975.2 | 2018.2 | 2057.5 |
| 42.5° | 1248.8 | 1264.9 | 1300.7 | 1347.2 | 1417.0 | 1493.9 | 1569.1 | 1658.5 | 1731.9 | 1803.4 | 1853.6 |
| 45° | 939.3 | 960.7 | 1007.3 | 1071.7 | 1148.6 | 1238.1 | 1332.9 | 1433.1 | 1520.8 | 1594.1 | 1649.6 |
| 47.5° | 731.8 | 751.4 | 798.0 | 866.0 | 960.7 | 1053.8 | 1152.2 | 1256.0 | 1347.2 | 1418.8 | 1467.1 |
| 50° | 577.9 | 602.9 | 644.1 | 715.7 | 810.5 | 908.9 | 1010.9 | 1112.8 | 1198.7 | 1259.6 | 1302.5 |
| 52.5° | 454.4 | 477.7 | 517.0 | 592.2 | 688.8 | 787.2 | 882.0 | 982.2 | 1057.3 | 1116.4 | 1145.1 |
| 55° | 352.4 | 374.0 | 415.0 | 477.7 | 569.0 | 665.6 | 760.4 | 846.3 | 916.0 | 959.0 | 985.8 |
| 57.5° | 268.4 | 284.5 | 313.1 | 375.7 | 458.1 | 547.5 | 628.0 | 713.9 | 767.6 | 798.0 | 815.8 |
| 60° | 204.0 | 216.5 | 246.9 | 295.2 | 370.3 | 447.3 | 515.3 | 579.7 | 622.6 | 647.7 | 665.6 |
| 62.5° | 153.8 | 168.2 | 189.6 | 230.8 | 288.0 | 350.7 | 407.9 | 456.2 | 492.0 | 508.1 | 520.6 |
| 65° | 105.5 | 116.3 | 132.4 | 164.6 | 212.9 | 257.6 | 302.4 | 338.2 | 361.4 | 379.3 | 386.5 |
| 67.5° | 78.7 | 85.9 | 94.9 | 119.9 | 153.8 | 189.6 | 220.0 | 245.1 | 270.2 | 277.3 | 289.9 |
| 70° | 59.1 | 64.4 | 73.3 | 91.2 | 110.9 | 135.9 | 161.1 | 175.3 | 193.2 | 205.8 | 209.4 |
| 72.5° | 37.6 | 39.3 | 48.3 | 59.1 | 75.1 | 91.2 | 107.4 | 119.9 | 130.6 | 137.8 | 141.3 |
| 75° | 21.5 | 32.2 | 32.2 | 42.9 | 53.7 | 60.8 | 71.6 | 80.5 | 85.9 | 91.2 | 91.2 |
| 77.5° | 14.3 | 19.7 | 21.5 | 26.8 | 32.2 | 41.2 | 50.1 | 55.5 | 60.8 | 62.6 | 62.6 |
| 80° | 12.5 | 14.3 | 14.3 | 19.7 | 23.3 | 30.4 | 35.8 | 37.6 | 41.2 | 42.9 | 46.5 |
| 82.5° | 5.4 | 7.1 | 8.9 | 14.3 | 16.1 | 16.1 | 21.5 | 23.3 | 26.8 | 28.6 | 28.6 |
| 85° | 1.8 | 3.6 | 3.6 | 5.4 | 8.9 | 10.8 | 12.5 | 14.3 | 16.1 | 16.1 | 17.9 |
| 87.5° | 1.8 | 1.8 | 0.0 | 1.8 | 3.6 | 3.6 | 7.1 | 7.1 | 7.1 | 10.8 | 10.8 |
| 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: P248992

CATALOG NUMBER: LSR8B60D010 EC8B60835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 | 3664.1 |
| 2.5° | 3631.9 | 3633.7 | 3626.6 | 3624.8 | 3621.2 | 3623.0 | 3626.6 |
| 5° | 3565.7 | 3567.5 | 3560.4 | 3553.2 | 3553.2 | 3551.4 | 3553.2 |
| 7.5° | 3503.1 | 3504.9 | 3494.2 | 3490.5 | 3483.4 | 3485.2 | 3485.2 |
| 10° | 3440.5 | 3440.5 | 3424.4 | 3422.6 | 3417.2 | 3415.4 | 3415.4 |
| 12.5° | 3379.6 | 3374.3 | 3361.7 | 3354.6 | 3358.2 | 3347.5 | 3347.5 |
| 15° | 3326.0 | 3317.0 | 3300.9 | 3295.5 | 3286.6 | 3283.0 | 3283.0 |
| 17.5° | 3270.5 | 3263.4 | 3249.1 | 3238.3 | 3227.6 | 3225.8 | 3227.6 |
| 20° | 3216.8 | 3209.7 | 3191.8 | 3184.6 | 3175.7 | 3175.7 | 3172.1 |
| 22.5° | 3163.1 | 3156.0 | 3139.9 | 3134.6 | 3122.0 | 3122.0 | 3123.8 |
| 25° | 3107.7 | 3102.3 | 3084.4 | 3080.9 | 3079.1 | 3071.9 | 3075.5 |
| 27.5° | 3032.6 | 3029.0 | 3014.7 | 3009.3 | 3002.2 | 3000.4 | 3003.9 |
| 30° | 2894.8 | 2889.4 | 2878.7 | 2873.4 | 2860.8 | 2862.6 | 2866.1 |
| 32.5° | 2723.1 | 2715.9 | 2701.5 | 2696.2 | 2685.5 | 2681.9 | 2683.7 |
| 35° | 2508.4 | 2503.0 | 2490.5 | 2490.5 | 2479.7 | 2476.1 | 2479.7 |
| 37.5° | 2290.1 | 2295.4 | 2290.1 | 2295.4 | 2290.1 | 2288.3 | 2290.1 |
| 40° | 2084.4 | 2104.0 | 2107.6 | 2127.3 | 2120.1 | 2130.8 | 2129.1 |
| 42.5° | 1887.5 | 1919.7 | 1932.3 | 1948.3 | 1944.8 | 1951.9 | 1957.3 |
| 45° | 1688.9 | 1715.8 | 1728.3 | 1739.1 | 1740.8 | 1744.4 | 1746.2 |
| 47.5° | 1501.0 | 1522.5 | 1524.3 | 1536.8 | 1535.1 | 1535.1 | 1540.4 |
| 50° | 1325.8 | 1340.1 | 1343.6 | 1352.6 | 1345.4 | 1341.8 | 1343.6 |
| 52.5° | 1163.0 | 1177.2 | 1173.6 | 1177.2 | 1168.3 | 1164.7 | 1166.5 |
| 55° | 996.5 | 1003.7 | 1003.7 | 1003.7 | 993.0 | 993.0 | 993.0 |
| 57.5° | 826.6 | 828.4 | 824.8 | 826.6 | 824.8 | 814.0 | 812.3 |
| 60° | 671.0 | 671.0 | 669.1 | 671.0 | 665.6 | 660.2 | 660.2 |
| 62.5° | 524.2 | 527.8 | 534.9 | 527.8 | 524.2 | 527.8 | 522.4 |
| 65° | 391.8 | 399.0 | 397.2 | 400.8 | 399.0 | 399.0 | 395.4 |
| 67.5° | 295.2 | 297.0 | 298.8 | 300.6 | 300.6 | 300.6 | 300.6 |
| 70° | 216.5 | 221.9 | 220.0 | 220.0 | 220.0 | 220.0 | 230.8 |
| 72.5° | 144.9 | 152.1 | 150.3 | 153.8 | 153.8 | 157.4 | 153.8 |
| 75° | 98.4 | 105.5 | 102.0 | 107.4 | 105.5 | 102.0 | 110.9 |
| 77.5° | 66.2 | 69.8 | 71.6 | 73.3 | 71.6 | 69.8 | 71.6 |
| 80° | 46.5 | 50.1 | 48.3 | 50.1 | 50.1 | 50.1 | 51.9 |
| 82.5° | 28.6 | 34.0 | 32.2 | 34.0 | 32.2 | 34.0 | 34.0 |
| 85° | 19.7 | 21.5 | 17.9 | 21.5 | 19.7 | 19.7 | 23.3 |
| 87.5° | 12.5 | 10.8 | 10.8 | 12.5 | 10.8 | 12.5 | 10.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)