

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: P248878

Luminaire Tested: **LSR8B90D010 EC8B90830 8LBSW0B**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248878
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: LSR8B90D010 EC8B90830 8LBSW0B
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3000 CCT WITH SPECULAR BLACK TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6927.0 lumens
Efficiency: N/A
Efficacy: 80.5 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

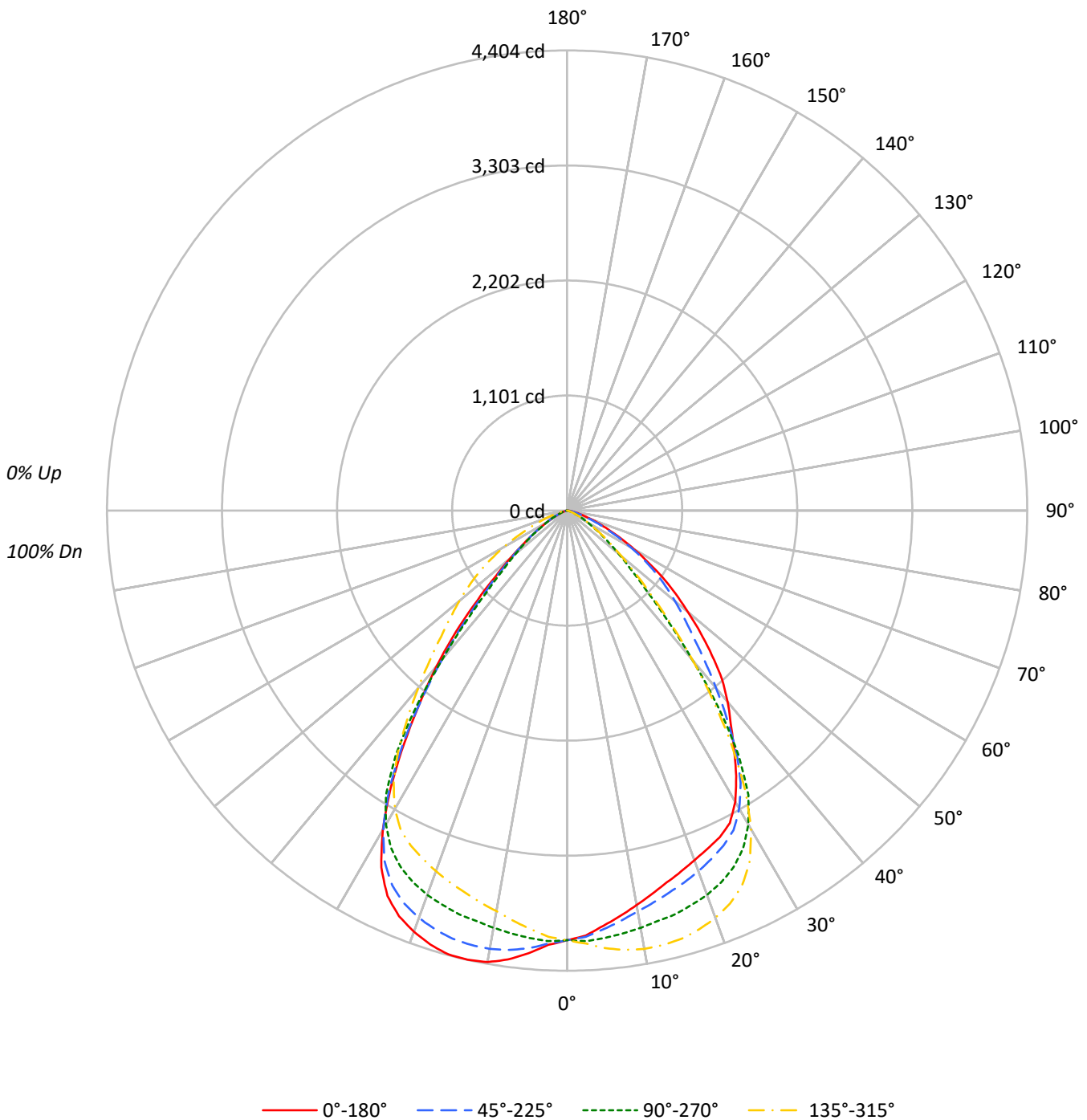
Input Watts (W): 86.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

Luminous Intensity Polar Plot





TEST NUMBER: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

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° | 126808 | 126808 | 126808 | 126808 |
| 5° | 123442 | 127107 | 131645 | 127107 |
| 10° | 120025 | 126942 | 137378 | 126942 |
| 15° | 117628 | 127693 | 140386 | 127693 |
| 20° | 116829 | 128426 | 140745 | 128426 |
| 25° | 117441 | 128165 | 138485 | 128165 |
| 30° | 114536 | 123477 | 125695 | 123477 |
| 35° | 104768 | 107711 | 102196 | 107711 |
| 40° | 96187 | 74929 | 78246 | 74929 |
| 45° | 85465 | 45711 | 52889 | 45711 |
| 50° | 72343 | 30535 | 33907 | 30535 |
| 55° | 59917 | 20833 | 22021 | 20833 |
| 60° | 45699 | 13870 | 13994 | 13870 |
| 65° | 32375 | 8639 | 7909 | 8639 |
| 70° | 23351 | 5788 | 5256 | 5788 |
| 75° | 14833 | 2871 | 2395 | 2871 |
| 80° | 10353 | 2149 | 1776 | 2149 |
| 85° | 9234 | 0 | 708 | 0 |



TEST NUMBER: P248878

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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 391.4 | 5.7 |
| 10°-20° | 1133.5 | 16.4 |
| 20°-30° | 1716.3 | 24.8 |
| 30°-40° | 1720.2 | 24.8 |
| 40°-50° | 1080.2 | 15.6 |
| 50°-60° | 575.6 | 8.3 |
| 60°-70° | 236.7 | 3.4 |
| 70°-80° | 62.5 | 0.9 |
| 80°-90° | 10.6 | 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° | 3241.2 | 46.8 |
| 0°-40° | 4961.4 | 71.6 |
| 0°-60° | 6617.2 | 95.5 |
| 0°-90° | 6927.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 6927.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 4112 | 4112 | 4112 | 4112 | 4112 | |
| 5° | 3988 | 4106 | 4253 | 4106 | 3988 | 376 |
| 15° | 3685 | 4000 | 4398 | 4000 | 3685 | 1042 |
| 25° | 3452 | 3767 | 4070 | 3767 | 3452 | 1583 |
| 35° | 2783 | 2861 | 2715 | 2861 | 2783 | 1744 |
| 45° | 1960 | 1048 | 1213 | 1048 | 1960 | 1507 |
| 55° | 1114 | 388 | 410 | 388 | 1114 | 994 |
| 65° | 444 | 118 | 108 | 118 | 444 | 460 |
| 75° | 124 | 24 | 20 | 24 | 124 | 141 |
| 85° | 26 | 0 | 2 | 0 | 26 | 29 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4070.2 | 4066.1 | 4064.2 | 4068.2 | 4070.2 | 4078.2 | 4076.2 | 4080.2 | 4080.2 | 4082.3 | 4086.2 |
| 5° | 3987.9 | 3985.8 | 3987.9 | 3987.9 | 3995.9 | 4003.9 | 4001.9 | 4008.0 | 4011.9 | 4022.0 | 4026.0 |
| 7.5° | 3911.6 | 3911.6 | 3909.5 | 3917.5 | 3921.6 | 3933.7 | 3931.6 | 3941.7 | 3947.7 | 3957.7 | 3971.8 |
| 10° | 3833.2 | 3833.2 | 3835.2 | 3841.2 | 3843.3 | 3861.3 | 3861.3 | 3875.4 | 3883.4 | 3893.5 | 3911.6 |
| 12.5° | 3756.9 | 3756.9 | 3769.0 | 3765.0 | 3773.0 | 3787.0 | 3793.1 | 3807.1 | 3819.2 | 3839.3 | 3857.4 |
| 15° | 3684.6 | 3684.6 | 3688.7 | 3698.7 | 3704.7 | 3722.8 | 3732.8 | 3748.9 | 3763.0 | 3783.1 | 3809.2 |
| 17.5° | 3622.4 | 3620.4 | 3622.4 | 3634.5 | 3646.5 | 3662.6 | 3670.6 | 3690.7 | 3704.7 | 3730.8 | 3755.0 |
| 20° | 3560.2 | 3564.2 | 3564.2 | 3574.2 | 3582.2 | 3602.3 | 3610.3 | 3632.5 | 3648.5 | 3672.6 | 3700.7 |
| 22.5° | 3505.9 | 3504.0 | 3504.0 | 3518.0 | 3524.0 | 3542.1 | 3550.1 | 3570.2 | 3588.3 | 3608.3 | 3634.5 |
| 25° | 3451.7 | 3447.7 | 3455.8 | 3457.8 | 3461.7 | 3481.8 | 3487.8 | 3501.9 | 3520.0 | 3538.1 | 3564.2 |
| 27.5° | 3371.4 | 3367.4 | 3369.4 | 3377.4 | 3383.4 | 3399.5 | 3403.5 | 3417.6 | 3431.6 | 3447.7 | 3469.8 |
| 30° | 3216.7 | 3212.8 | 3210.8 | 3224.8 | 3230.9 | 3242.9 | 3248.9 | 3273.0 | 3277.0 | 3295.1 | 3311.1 |
| 32.5° | 3011.9 | 3010.0 | 3014.0 | 3026.0 | 3032.0 | 3048.1 | 3056.2 | 3070.2 | 3080.2 | 3090.3 | 3106.3 |
| 35° | 2783.1 | 2779.0 | 2783.1 | 2795.1 | 2795.1 | 2809.2 | 2815.2 | 2821.2 | 2819.2 | 2821.2 | 2817.2 |
| 37.5° | 2570.3 | 2568.2 | 2570.3 | 2576.2 | 2570.3 | 2576.2 | 2570.3 | 2558.2 | 2536.1 | 2512.0 | 2487.9 |
| 40° | 2389.5 | 2391.5 | 2379.5 | 2387.5 | 2365.4 | 2361.4 | 2339.3 | 2309.2 | 2265.0 | 2216.8 | 2148.6 |
| 42.5° | 2196.8 | 2190.7 | 2182.7 | 2186.7 | 2168.7 | 2154.5 | 2118.4 | 2080.3 | 2024.0 | 1943.8 | 1861.4 |
| 45° | 1959.8 | 1957.8 | 1953.8 | 1951.8 | 1939.7 | 1925.7 | 1895.5 | 1851.4 | 1789.1 | 1706.8 | 1608.4 |
| 47.5° | 1728.9 | 1722.8 | 1722.8 | 1724.8 | 1710.8 | 1708.8 | 1684.7 | 1646.6 | 1592.3 | 1512.0 | 1409.6 |
| 50° | 1508.0 | 1506.0 | 1510.0 | 1518.0 | 1508.0 | 1504.0 | 1488.0 | 1461.8 | 1413.6 | 1345.4 | 1248.9 |
| 52.5° | 1309.2 | 1307.2 | 1311.2 | 1321.2 | 1317.2 | 1321.2 | 1305.2 | 1285.1 | 1253.0 | 1186.7 | 1102.4 |
| 55° | 1114.5 | 1114.5 | 1114.5 | 1126.4 | 1126.4 | 1126.4 | 1118.4 | 1106.4 | 1076.3 | 1028.1 | 949.8 |
| 57.5° | 911.6 | 913.6 | 925.7 | 927.7 | 925.7 | 929.7 | 927.7 | 915.6 | 895.6 | 861.5 | 801.2 |
| 60° | 741.0 | 741.0 | 747.0 | 753.0 | 751.0 | 753.0 | 753.0 | 747.0 | 726.9 | 698.8 | 650.6 |
| 62.5° | 586.3 | 592.4 | 588.3 | 592.4 | 600.4 | 592.4 | 588.3 | 584.3 | 570.3 | 552.2 | 512.0 |
| 65° | 443.7 | 447.8 | 447.8 | 449.8 | 445.7 | 447.8 | 439.8 | 433.7 | 425.7 | 405.6 | 379.5 |
| 67.5° | 337.4 | 337.4 | 337.4 | 337.4 | 335.3 | 333.3 | 331.3 | 325.3 | 311.3 | 303.2 | 275.1 |
| 70° | 259.0 | 247.0 | 247.0 | 247.0 | 247.0 | 249.0 | 243.0 | 235.0 | 230.9 | 216.9 | 196.8 |
| 72.5° | 172.7 | 176.7 | 172.7 | 172.7 | 168.7 | 170.7 | 162.7 | 158.6 | 154.6 | 146.6 | 134.6 |
| 75° | 124.5 | 114.5 | 118.4 | 120.5 | 114.5 | 118.4 | 110.4 | 102.4 | 102.4 | 96.4 | 90.3 |
| 77.5° | 80.3 | 78.4 | 80.3 | 82.3 | 80.3 | 78.4 | 74.3 | 70.3 | 70.3 | 68.3 | 62.2 |
| 80° | 58.3 | 56.2 | 56.2 | 56.2 | 54.2 | 56.2 | 52.2 | 52.2 | 48.2 | 46.2 | 42.2 |
| 82.5° | 38.2 | 38.2 | 36.1 | 38.2 | 36.1 | 38.2 | 32.2 | 32.2 | 32.2 | 30.1 | 26.1 |
| 85° | 26.1 | 22.1 | 22.1 | 24.1 | 20.1 | 24.1 | 22.1 | 20.1 | 18.1 | 18.1 | 16.0 |
| 87.5° | 12.1 | 14.1 | 12.1 | 14.1 | 12.1 | 12.1 | 14.1 | 12.1 | 12.1 | 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 |



TEST NUMBER: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4092.3 | 4094.2 | 4094.2 | 4102.3 | 4106.3 | 4108.3 | 4108.3 | 4124.4 | 4118.4 | 4122.4 | 4126.4 |
| 5° | 4034.1 | 4046.1 | 4050.1 | 4050.1 | 4072.2 | 4080.2 | 4088.2 | 4106.3 | 4108.3 | 4120.4 | 4134.4 |
| 7.5° | 3977.8 | 3991.8 | 3999.9 | 4018.0 | 4032.0 | 4046.1 | 4070.2 | 4082.3 | 4094.2 | 4110.4 | 4128.4 |
| 10° | 3923.6 | 3939.7 | 3955.7 | 3969.8 | 3991.8 | 4009.9 | 4026.0 | 4054.1 | 4068.2 | 4090.3 | 4114.3 |
| 12.5° | 3871.4 | 3893.5 | 3907.5 | 3931.6 | 3955.7 | 3971.8 | 3995.9 | 4022.0 | 4044.1 | 4066.1 | 4094.2 |
| 15° | 3825.2 | 3851.3 | 3867.4 | 3893.5 | 3919.6 | 3941.7 | 3967.8 | 3999.9 | 4016.0 | 4042.1 | 4068.2 |
| 17.5° | 3775.0 | 3803.1 | 3823.2 | 3847.3 | 3879.4 | 3903.5 | 3925.6 | 3957.7 | 3977.8 | 4005.9 | 4036.1 |
| 20° | 3722.8 | 3750.9 | 3775.0 | 3799.1 | 3831.2 | 3855.3 | 3881.4 | 3913.6 | 3935.6 | 3963.7 | 3987.9 |
| 22.5° | 3660.6 | 3686.7 | 3712.7 | 3740.8 | 3773.0 | 3793.1 | 3823.2 | 3851.3 | 3875.4 | 3901.5 | 3925.6 |
| 25° | 3580.2 | 3612.4 | 3632.5 | 3658.5 | 3684.6 | 3706.7 | 3738.8 | 3766.9 | 3787.0 | 3811.2 | 3833.2 |
| 27.5° | 3485.9 | 3510.0 | 3526.0 | 3548.1 | 3574.2 | 3594.3 | 3618.3 | 3646.5 | 3666.6 | 3688.7 | 3704.7 |
| 30° | 3325.2 | 3347.3 | 3361.4 | 3377.4 | 3403.5 | 3421.6 | 3441.7 | 3467.8 | 3481.8 | 3497.9 | 3512.0 |
| 32.5° | 3114.3 | 3132.4 | 3140.5 | 3152.5 | 3170.6 | 3188.6 | 3204.8 | 3226.8 | 3232.9 | 3242.9 | 3242.9 |
| 35° | 2809.2 | 2813.2 | 2811.2 | 2815.2 | 2823.2 | 2833.2 | 2847.3 | 2861.3 | 2869.4 | 2869.4 | 2863.4 |
| 37.5° | 2451.7 | 2427.7 | 2401.6 | 2381.5 | 2375.4 | 2371.4 | 2379.5 | 2385.4 | 2393.5 | 2397.5 | 2387.5 |
| 40° | 2080.3 | 2026.1 | 1967.8 | 1915.6 | 1879.5 | 1863.4 | 1857.4 | 1861.4 | 1861.4 | 1875.4 | 1875.4 |
| 42.5° | 1761.0 | 1676.6 | 1590.4 | 1512.0 | 1459.8 | 1419.7 | 1401.6 | 1401.6 | 1403.6 | 1413.6 | 1419.7 |
| 45° | 1496.0 | 1389.5 | 1289.1 | 1202.8 | 1130.5 | 1078.3 | 1054.2 | 1048.2 | 1046.2 | 1050.2 | 1064.2 |
| 47.5° | 1293.1 | 1182.7 | 1078.3 | 971.9 | 895.6 | 843.4 | 821.3 | 813.2 | 805.2 | 813.2 | 815.3 |
| 50° | 1134.5 | 1020.1 | 909.6 | 803.2 | 722.9 | 676.7 | 648.6 | 636.5 | 634.5 | 634.5 | 638.6 |
| 52.5° | 989.9 | 883.5 | 773.1 | 664.7 | 580.3 | 536.2 | 510.0 | 504.0 | 496.0 | 504.0 | 504.0 |
| 55° | 853.4 | 747.0 | 638.6 | 536.2 | 465.8 | 419.7 | 395.6 | 387.5 | 383.5 | 389.5 | 389.5 |
| 57.5° | 704.8 | 614.4 | 514.1 | 421.7 | 351.4 | 319.3 | 301.2 | 291.2 | 289.1 | 293.2 | 289.1 |
| 60° | 578.3 | 502.0 | 415.6 | 331.3 | 277.1 | 243.0 | 228.9 | 224.9 | 220.8 | 224.9 | 224.9 |
| 62.5° | 457.8 | 393.6 | 323.2 | 259.0 | 212.8 | 188.8 | 172.7 | 172.7 | 170.7 | 170.7 | 172.7 |
| 65° | 339.4 | 289.1 | 238.9 | 184.7 | 148.6 | 130.5 | 118.4 | 118.4 | 116.5 | 118.4 | 116.5 |
| 67.5° | 247.0 | 212.8 | 172.7 | 134.6 | 106.5 | 96.4 | 88.4 | 82.3 | 86.4 | 82.3 | 80.3 |
| 70° | 180.8 | 152.6 | 124.5 | 102.4 | 82.3 | 72.3 | 66.3 | 64.2 | 60.3 | 60.3 | 60.3 |
| 72.5° | 120.5 | 102.4 | 84.3 | 66.3 | 54.2 | 44.1 | 42.2 | 38.2 | 34.1 | 36.1 | 40.2 |
| 75° | 80.3 | 68.3 | 60.3 | 48.2 | 36.1 | 36.1 | 24.1 | 24.1 | 20.1 | 24.1 | 18.1 |
| 77.5° | 56.2 | 46.2 | 36.1 | 30.1 | 24.1 | 22.1 | 16.0 | 16.0 | 14.1 | 14.1 | 14.1 |
| 80° | 40.2 | 34.1 | 26.1 | 22.1 | 16.0 | 16.0 | 14.1 | 12.1 | 10.0 | 10.0 | 12.1 |
| 82.5° | 24.1 | 18.1 | 18.1 | 16.0 | 10.0 | 8.0 | 6.0 | 8.0 | 4.0 | 4.0 | 4.0 |
| 85° | 14.1 | 12.1 | 10.0 | 6.0 | 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 |



TEST NUMBER: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4136.5 | 4134.4 | 4138.5 | 4138.5 | 4150.5 | 4148.5 | 4154.5 | 4154.5 | 4150.5 | 4152.5 | 4160.5 |
| 5° | 4150.5 | 4156.6 | 4168.5 | 4178.6 | 4196.6 | 4204.7 | 4214.7 | 4224.8 | 4226.8 | 4232.8 | 4238.9 |
| 7.5° | 4150.5 | 4170.6 | 4184.7 | 4202.7 | 4226.8 | 4240.9 | 4262.9 | 4281.0 | 4289.0 | 4299.0 | 4311.1 |
| 10° | 4142.4 | 4162.5 | 4188.6 | 4208.7 | 4238.9 | 4260.9 | 4283.0 | 4311.1 | 4323.2 | 4339.2 | 4355.3 |
| 12.5° | 4126.4 | 4148.5 | 4176.6 | 4202.7 | 4236.8 | 4256.9 | 4285.0 | 4311.1 | 4329.2 | 4351.3 | 4369.4 |
| 15° | 4102.3 | 4128.4 | 4154.5 | 4180.6 | 4216.7 | 4240.9 | 4267.0 | 4297.1 | 4315.2 | 4339.2 | 4355.3 |
| 17.5° | 4064.2 | 4092.3 | 4116.4 | 4140.4 | 4174.6 | 4202.7 | 4226.8 | 4254.9 | 4273.0 | 4293.1 | 4315.2 |
| 20° | 4018.0 | 4044.1 | 4070.2 | 4090.3 | 4124.4 | 4148.5 | 4174.6 | 4200.7 | 4214.7 | 4218.8 | 4252.9 |
| 22.5° | 3959.8 | 3977.8 | 3997.9 | 4030.0 | 4050.1 | 4072.2 | 4096.3 | 4120.4 | 4134.4 | 4156.6 | 4168.5 |
| 25° | 3863.3 | 3881.4 | 3903.5 | 3917.5 | 3941.7 | 3959.8 | 3983.8 | 4009.9 | 4018.0 | 4034.1 | 4046.1 |
| 27.5° | 3728.8 | 3738.8 | 3748.9 | 3760.9 | 3775.0 | 3785.0 | 3799.1 | 3811.2 | 3819.2 | 3827.2 | 3835.2 |
| 30° | 3515.9 | 3515.9 | 3515.9 | 3507.9 | 3514.0 | 3520.0 | 3522.0 | 3520.0 | 3520.0 | 3518.0 | 3518.0 |
| 32.5° | 3234.8 | 3218.8 | 3200.7 | 3184.7 | 3178.6 | 3170.6 | 3166.6 | 3160.5 | 3150.5 | 3144.5 | 3146.5 |
| 35° | 2855.3 | 2819.2 | 2797.1 | 2777.0 | 2761.0 | 2748.9 | 2742.9 | 2736.9 | 2734.9 | 2726.9 | 2718.8 |
| 37.5° | 2381.5 | 2355.4 | 2339.3 | 2327.3 | 2313.2 | 2301.1 | 2303.1 | 2305.2 | 2311.1 | 2307.2 | 2309.2 |
| 40° | 1879.5 | 1873.4 | 1879.5 | 1865.4 | 1861.4 | 1865.4 | 1875.4 | 1889.5 | 1897.6 | 1905.6 | 1919.6 |
| 42.5° | 1429.7 | 1439.7 | 1453.8 | 1453.8 | 1459.8 | 1467.9 | 1479.9 | 1502.0 | 1514.0 | 1528.0 | 1544.2 |
| 45° | 1076.3 | 1088.3 | 1106.4 | 1112.4 | 1116.4 | 1126.4 | 1140.6 | 1158.6 | 1166.6 | 1178.7 | 1192.7 |
| 47.5° | 829.3 | 837.3 | 847.3 | 857.4 | 867.4 | 871.5 | 885.5 | 885.5 | 895.6 | 903.6 | 907.6 |
| 50° | 646.6 | 654.6 | 662.6 | 668.6 | 672.7 | 678.7 | 682.7 | 688.7 | 690.7 | 694.8 | 696.7 |
| 52.5° | 506.0 | 516.1 | 516.1 | 520.0 | 526.1 | 532.1 | 530.1 | 532.1 | 534.1 | 534.1 | 540.1 |
| 55° | 395.6 | 395.6 | 401.6 | 401.6 | 405.6 | 403.6 | 405.6 | 405.6 | 405.6 | 405.6 | 407.6 |
| 57.5° | 295.1 | 297.2 | 303.2 | 299.2 | 297.2 | 301.2 | 297.2 | 301.2 | 299.2 | 303.2 | 297.2 |
| 60° | 226.9 | 226.9 | 228.9 | 228.9 | 230.9 | 230.9 | 230.9 | 228.9 | 228.9 | 226.9 | 226.9 |
| 62.5° | 170.7 | 172.7 | 174.7 | 172.7 | 172.7 | 172.7 | 170.7 | 170.7 | 168.7 | 166.6 | 166.6 |
| 65° | 114.5 | 112.5 | 116.5 | 112.5 | 114.5 | 114.5 | 112.5 | 114.5 | 108.4 | 110.4 | 108.4 |
| 67.5° | 82.3 | 80.3 | 78.4 | 80.3 | 78.4 | 76.3 | 76.3 | 78.4 | 80.3 | 74.3 | 74.3 |
| 70° | 54.2 | 56.2 | 54.2 | 56.2 | 58.3 | 58.3 | 56.2 | 54.2 | 56.2 | 52.2 | 54.2 |
| 72.5° | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 36.1 | 36.1 | 36.1 | 32.2 | 32.2 | 30.1 |
| 75° | 16.0 | 22.1 | 18.1 | 16.0 | 22.1 | 22.1 | 20.1 | 20.1 | 18.1 | 18.1 | 18.1 |
| 77.5° | 16.0 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 10.0 | 12.1 | 10.0 |
| 80° | 8.0 | 8.0 | 8.0 | 6.0 | 8.0 | 8.0 | 10.0 | 8.0 | 8.0 | 6.0 | 10.0 |
| 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: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4158.5 | 4156.6 | 4158.5 | 4160.5 | 4158.5 | 4156.6 | 4158.5 | 4160.5 | 4152.5 | 4150.5 | 4154.5 |
| 5° | 4246.9 | 4246.9 | 4250.9 | 4252.9 | 4250.9 | 4246.9 | 4246.9 | 4238.9 | 4232.8 | 4226.8 | 4224.8 |
| 7.5° | 4323.2 | 4327.2 | 4331.2 | 4333.2 | 4331.2 | 4327.2 | 4323.2 | 4311.1 | 4299.0 | 4289.0 | 4281.0 |
| 10° | 4369.4 | 4375.4 | 4383.4 | 4387.4 | 4383.4 | 4375.4 | 4369.4 | 4355.3 | 4339.2 | 4323.2 | 4311.1 |
| 12.5° | 4389.5 | 4395.5 | 4405.5 | 4403.5 | 4405.5 | 4395.5 | 4389.5 | 4369.4 | 4351.3 | 4329.2 | 4311.1 |
| 15° | 4375.4 | 4383.4 | 4393.4 | 4397.5 | 4393.4 | 4383.4 | 4375.4 | 4355.3 | 4339.2 | 4315.2 | 4297.1 |
| 17.5° | 4331.2 | 4343.3 | 4349.3 | 4355.3 | 4349.3 | 4343.3 | 4331.2 | 4315.2 | 4293.1 | 4273.0 | 4254.9 |
| 20° | 4270.9 | 4279.0 | 4287.1 | 4289.0 | 4287.1 | 4279.0 | 4270.9 | 4252.9 | 4218.8 | 4214.7 | 4200.7 |
| 22.5° | 4184.7 | 4190.7 | 4208.7 | 4202.7 | 4208.7 | 4190.7 | 4184.7 | 4168.5 | 4156.6 | 4134.4 | 4120.4 |
| 25° | 4060.1 | 4066.1 | 4068.2 | 4070.2 | 4068.2 | 4066.1 | 4060.1 | 4046.1 | 4034.1 | 4018.0 | 4009.9 |
| 27.5° | 3845.3 | 3845.3 | 3849.3 | 3851.3 | 3849.3 | 3845.3 | 3845.3 | 3835.2 | 3827.2 | 3819.2 | 3811.2 |
| 30° | 3520.0 | 3520.0 | 3520.0 | 3530.1 | 3520.0 | 3520.0 | 3520.0 | 3518.0 | 3518.0 | 3520.0 | 3520.0 |
| 32.5° | 3144.5 | 3140.5 | 3136.5 | 3140.5 | 3136.5 | 3140.5 | 3144.5 | 3146.5 | 3144.5 | 3150.5 | 3160.5 |
| 35° | 2718.8 | 2716.8 | 2722.8 | 2714.8 | 2722.8 | 2716.8 | 2718.8 | 2718.8 | 2726.9 | 2734.9 | 2736.9 |
| 37.5° | 2311.1 | 2307.2 | 2315.2 | 2307.2 | 2315.2 | 2307.2 | 2311.1 | 2309.2 | 2307.2 | 2311.1 | 2305.2 |
| 40° | 1923.7 | 1927.6 | 1927.6 | 1943.8 | 1927.6 | 1927.6 | 1923.7 | 1919.6 | 1905.6 | 1897.6 | 1889.5 |
| 42.5° | 1552.2 | 1564.2 | 1560.2 | 1572.3 | 1560.2 | 1564.2 | 1552.2 | 1544.2 | 1528.0 | 1514.0 | 1502.0 |
| 45° | 1200.7 | 1208.8 | 1208.8 | 1212.8 | 1208.8 | 1208.8 | 1200.7 | 1192.7 | 1178.7 | 1166.6 | 1158.6 |
| 47.5° | 921.6 | 921.6 | 921.6 | 923.7 | 921.6 | 921.6 | 921.6 | 907.6 | 903.6 | 895.6 | 885.5 |
| 50° | 700.8 | 702.8 | 704.8 | 706.8 | 704.8 | 702.8 | 700.8 | 696.7 | 694.8 | 690.7 | 688.7 |
| 52.5° | 538.1 | 540.1 | 536.2 | 540.1 | 536.2 | 540.1 | 538.1 | 540.1 | 534.1 | 534.1 | 532.1 |
| 55° | 407.6 | 405.6 | 407.6 | 409.6 | 407.6 | 405.6 | 407.6 | 407.6 | 405.6 | 405.6 | 405.6 |
| 57.5° | 299.2 | 295.1 | 295.1 | 295.1 | 295.1 | 295.1 | 299.2 | 297.2 | 303.2 | 299.2 | 301.2 |
| 60° | 222.9 | 224.9 | 224.9 | 226.9 | 224.9 | 224.9 | 222.9 | 226.9 | 226.9 | 228.9 | 228.9 |
| 62.5° | 164.6 | 170.7 | 166.6 | 170.7 | 166.6 | 170.7 | 164.6 | 166.6 | 166.6 | 168.7 | 170.7 |
| 65° | 106.5 | 106.5 | 106.5 | 108.4 | 106.5 | 106.5 | 106.5 | 108.4 | 110.4 | 108.4 | 114.5 |
| 67.5° | 72.3 | 74.3 | 78.4 | 76.3 | 78.4 | 74.3 | 72.3 | 74.3 | 74.3 | 80.3 | 78.4 |
| 70° | 58.3 | 52.2 | 52.2 | 58.3 | 52.2 | 52.2 | 58.3 | 54.2 | 52.2 | 56.2 | 54.2 |
| 72.5° | 34.1 | 30.1 | 34.1 | 34.1 | 34.1 | 30.1 | 34.1 | 30.1 | 32.2 | 32.2 | 36.1 |
| 75° | 18.1 | 16.0 | 14.1 | 20.1 | 14.1 | 16.0 | 18.1 | 18.1 | 18.1 | 18.1 | 20.1 |
| 77.5° | 12.1 | 10.0 | 14.1 | 14.1 | 14.1 | 10.0 | 12.1 | 10.0 | 12.1 | 10.0 | 12.1 |
| 80° | 6.0 | 8.0 | 6.0 | 10.0 | 6.0 | 8.0 | 6.0 | 10.0 | 6.0 | 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: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4154.5 | 4148.5 | 4150.5 | 4138.5 | 4138.5 | 4134.4 | 4136.5 | 4126.4 | 4122.4 | 4118.4 | 4124.4 |
| 5° | 4214.7 | 4204.7 | 4196.6 | 4178.6 | 4168.5 | 4156.6 | 4150.5 | 4134.4 | 4120.4 | 4108.3 | 4106.3 |
| 7.5° | 4262.9 | 4240.9 | 4226.8 | 4202.7 | 4184.7 | 4170.6 | 4150.5 | 4128.4 | 4110.4 | 4094.2 | 4082.3 |
| 10° | 4283.0 | 4260.9 | 4238.9 | 4208.7 | 4188.6 | 4162.5 | 4142.4 | 4114.3 | 4090.3 | 4068.2 | 4054.1 |
| 12.5° | 4285.0 | 4256.9 | 4236.8 | 4202.7 | 4176.6 | 4148.5 | 4126.4 | 4094.2 | 4066.1 | 4044.1 | 4022.0 |
| 15° | 4267.0 | 4240.9 | 4216.7 | 4180.6 | 4154.5 | 4128.4 | 4102.3 | 4068.2 | 4042.1 | 4016.0 | 3999.9 |
| 17.5° | 4226.8 | 4202.7 | 4174.6 | 4140.4 | 4116.4 | 4092.3 | 4064.2 | 4036.1 | 4005.9 | 3977.8 | 3957.7 |
| 20° | 4174.6 | 4148.5 | 4124.4 | 4090.3 | 4070.2 | 4044.1 | 4018.0 | 3987.9 | 3963.7 | 3935.6 | 3913.6 |
| 22.5° | 4096.3 | 4072.2 | 4050.1 | 4030.0 | 3997.9 | 3977.8 | 3959.8 | 3925.6 | 3901.5 | 3875.4 | 3851.3 |
| 25° | 3983.8 | 3959.8 | 3941.7 | 3917.5 | 3903.5 | 3881.4 | 3863.3 | 3833.2 | 3811.2 | 3787.0 | 3766.9 |
| 27.5° | 3799.1 | 3785.0 | 3775.0 | 3760.9 | 3748.9 | 3738.8 | 3728.8 | 3704.7 | 3688.7 | 3666.6 | 3646.5 |
| 30° | 3522.0 | 3520.0 | 3514.0 | 3507.9 | 3515.9 | 3515.9 | 3515.9 | 3512.0 | 3497.9 | 3481.8 | 3467.8 |
| 32.5° | 3166.6 | 3170.6 | 3178.6 | 3184.7 | 3200.7 | 3218.8 | 3234.8 | 3242.9 | 3242.9 | 3232.9 | 3226.8 |
| 35° | 2742.9 | 2748.9 | 2761.0 | 2777.0 | 2797.1 | 2819.2 | 2855.3 | 2863.4 | 2869.4 | 2869.4 | 2861.3 |
| 37.5° | 2303.1 | 2301.1 | 2313.2 | 2327.3 | 2339.3 | 2355.4 | 2381.5 | 2387.5 | 2397.5 | 2393.5 | 2385.4 |
| 40° | 1875.4 | 1865.4 | 1861.4 | 1865.4 | 1879.5 | 1873.4 | 1879.5 | 1875.4 | 1875.4 | 1861.4 | 1861.4 |
| 42.5° | 1479.9 | 1467.9 | 1459.8 | 1453.8 | 1453.8 | 1439.7 | 1429.7 | 1419.7 | 1413.6 | 1403.6 | 1401.6 |
| 45° | 1140.6 | 1126.4 | 1116.4 | 1112.4 | 1106.4 | 1088.3 | 1076.3 | 1064.2 | 1050.2 | 1046.2 | 1048.2 |
| 47.5° | 885.5 | 871.5 | 867.4 | 857.4 | 847.3 | 837.3 | 829.3 | 815.3 | 813.2 | 805.2 | 813.2 |
| 50° | 682.7 | 678.7 | 672.7 | 668.6 | 662.6 | 654.6 | 646.6 | 638.6 | 634.5 | 634.5 | 636.5 |
| 52.5° | 530.1 | 532.1 | 526.1 | 520.0 | 516.1 | 516.1 | 506.0 | 504.0 | 504.0 | 496.0 | 504.0 |
| 55° | 405.6 | 403.6 | 405.6 | 401.6 | 401.6 | 395.6 | 395.6 | 389.5 | 389.5 | 383.5 | 387.5 |
| 57.5° | 297.2 | 301.2 | 297.2 | 299.2 | 303.2 | 297.2 | 295.1 | 289.1 | 293.2 | 289.1 | 291.2 |
| 60° | 230.9 | 230.9 | 230.9 | 228.9 | 228.9 | 226.9 | 226.9 | 224.9 | 224.9 | 220.8 | 224.9 |
| 62.5° | 170.7 | 172.7 | 172.7 | 172.7 | 174.7 | 172.7 | 170.7 | 172.7 | 170.7 | 170.7 | 172.7 |
| 65° | 112.5 | 114.5 | 114.5 | 112.5 | 116.5 | 112.5 | 114.5 | 116.5 | 118.4 | 116.5 | 118.4 |
| 67.5° | 76.3 | 76.3 | 78.4 | 80.3 | 78.4 | 80.3 | 82.3 | 80.3 | 82.3 | 86.4 | 82.3 |
| 70° | 56.2 | 58.3 | 58.3 | 56.2 | 54.2 | 56.2 | 54.2 | 60.3 | 60.3 | 60.3 | 64.2 |
| 72.5° | 36.1 | 36.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 40.2 | 36.1 | 34.1 | 38.2 |
| 75° | 20.1 | 22.1 | 22.1 | 16.0 | 18.1 | 22.1 | 16.0 | 18.1 | 24.1 | 20.1 | 24.1 |
| 77.5° | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 12.1 | 16.0 | 14.1 | 14.1 | 14.1 | 16.0 |
| 80° | 10.0 | 8.0 | 8.0 | 6.0 | 8.0 | 8.0 | 8.0 | 12.1 | 10.0 | 10.0 | 12.1 |
| 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: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4108.3 | 4108.3 | 4106.3 | 4102.3 | 4094.2 | 4094.2 | 4092.3 | 4086.2 | 4082.3 | 4080.2 | 4080.2 |
| 5° | 4088.2 | 4080.2 | 4072.2 | 4050.1 | 4050.1 | 4046.1 | 4034.1 | 4026.0 | 4022.0 | 4011.9 | 4008.0 |
| 7.5° | 4070.2 | 4046.1 | 4032.0 | 4018.0 | 3999.9 | 3991.8 | 3977.8 | 3971.8 | 3957.7 | 3947.7 | 3941.7 |
| 10° | 4026.0 | 4009.9 | 3991.8 | 3969.8 | 3955.7 | 3939.7 | 3923.6 | 3911.6 | 3893.5 | 3883.4 | 3875.4 |
| 12.5° | 3995.9 | 3971.8 | 3955.7 | 3931.6 | 3907.5 | 3893.5 | 3871.4 | 3857.4 | 3839.3 | 3819.2 | 3807.1 |
| 15° | 3967.8 | 3941.7 | 3919.6 | 3893.5 | 3867.4 | 3851.3 | 3825.2 | 3809.2 | 3783.1 | 3763.0 | 3748.9 |
| 17.5° | 3925.6 | 3903.5 | 3879.4 | 3847.3 | 3823.2 | 3803.1 | 3775.0 | 3755.0 | 3730.8 | 3704.7 | 3690.7 |
| 20° | 3881.4 | 3855.3 | 3831.2 | 3799.1 | 3775.0 | 3750.9 | 3722.8 | 3700.7 | 3672.6 | 3648.5 | 3632.5 |
| 22.5° | 3823.2 | 3793.1 | 3773.0 | 3740.8 | 3712.7 | 3686.7 | 3660.6 | 3634.5 | 3608.3 | 3588.3 | 3570.2 |
| 25° | 3738.8 | 3706.7 | 3684.6 | 3658.5 | 3632.5 | 3612.4 | 3580.2 | 3564.2 | 3538.1 | 3520.0 | 3501.9 |
| 27.5° | 3618.3 | 3594.3 | 3574.2 | 3548.1 | 3526.0 | 3510.0 | 3485.9 | 3469.8 | 3447.7 | 3431.6 | 3417.6 |
| 30° | 3441.7 | 3421.6 | 3403.5 | 3377.4 | 3361.4 | 3347.3 | 3325.2 | 3311.1 | 3295.1 | 3277.0 | 3273.0 |
| 32.5° | 3204.8 | 3188.6 | 3170.6 | 3152.5 | 3140.5 | 3132.4 | 3114.3 | 3106.3 | 3090.3 | 3080.2 | 3070.2 |
| 35° | 2847.3 | 2833.2 | 2823.2 | 2815.2 | 2811.2 | 2813.2 | 2809.2 | 2817.2 | 2821.2 | 2819.2 | 2821.2 |
| 37.5° | 2379.5 | 2371.4 | 2375.4 | 2381.5 | 2401.6 | 2427.7 | 2451.7 | 2487.9 | 2512.0 | 2536.1 | 2558.2 |
| 40° | 1857.4 | 1863.4 | 1879.5 | 1915.6 | 1967.8 | 2026.1 | 2080.3 | 2148.6 | 2216.8 | 2265.0 | 2309.2 |
| 42.5° | 1401.6 | 1419.7 | 1459.8 | 1512.0 | 1590.4 | 1676.6 | 1761.0 | 1861.4 | 1943.8 | 2024.0 | 2080.3 |
| 45° | 1054.2 | 1078.3 | 1130.5 | 1202.8 | 1289.1 | 1389.5 | 1496.0 | 1608.4 | 1706.8 | 1789.1 | 1851.4 |
| 47.5° | 821.3 | 843.4 | 895.6 | 971.9 | 1078.3 | 1182.7 | 1293.1 | 1409.6 | 1512.0 | 1592.3 | 1646.6 |
| 50° | 648.6 | 676.7 | 722.9 | 803.2 | 909.6 | 1020.1 | 1134.5 | 1248.9 | 1345.4 | 1413.6 | 1461.8 |
| 52.5° | 510.0 | 536.2 | 580.3 | 664.7 | 773.1 | 883.5 | 989.9 | 1102.4 | 1186.7 | 1253.0 | 1285.1 |
| 55° | 395.6 | 419.7 | 465.8 | 536.2 | 638.6 | 747.0 | 853.4 | 949.8 | 1028.1 | 1076.3 | 1106.4 |
| 57.5° | 301.2 | 319.3 | 351.4 | 421.7 | 514.1 | 614.4 | 704.8 | 801.2 | 861.5 | 895.6 | 915.6 |
| 60° | 228.9 | 243.0 | 277.1 | 331.3 | 415.6 | 502.0 | 578.3 | 650.6 | 698.8 | 726.9 | 747.0 |
| 62.5° | 172.7 | 188.8 | 212.8 | 259.0 | 323.2 | 393.6 | 457.8 | 512.0 | 552.2 | 570.3 | 584.3 |
| 65° | 118.4 | 130.5 | 148.6 | 184.7 | 238.9 | 289.1 | 339.4 | 379.5 | 405.6 | 425.7 | 433.7 |
| 67.5° | 88.4 | 96.4 | 106.5 | 134.6 | 172.7 | 212.8 | 247.0 | 275.1 | 303.2 | 311.3 | 325.3 |
| 70° | 66.3 | 72.3 | 82.3 | 102.4 | 124.5 | 152.6 | 180.8 | 196.8 | 216.9 | 230.9 | 235.0 |
| 72.5° | 42.2 | 44.1 | 54.2 | 66.3 | 84.3 | 102.4 | 120.5 | 134.6 | 146.6 | 154.6 | 158.6 |
| 75° | 24.1 | 36.1 | 36.1 | 48.2 | 60.3 | 68.3 | 80.3 | 90.3 | 96.4 | 102.4 | 102.4 |
| 77.5° | 16.0 | 22.1 | 24.1 | 30.1 | 36.1 | 46.2 | 56.2 | 62.2 | 68.3 | 70.3 | 70.3 |
| 80° | 14.1 | 16.0 | 16.0 | 22.1 | 26.1 | 34.1 | 40.2 | 42.2 | 46.2 | 48.2 | 52.2 |
| 82.5° | 6.0 | 8.0 | 10.0 | 16.0 | 18.1 | 18.1 | 24.1 | 26.1 | 30.1 | 32.2 | 32.2 |
| 85° | 2.0 | 4.0 | 4.0 | 6.0 | 10.0 | 12.1 | 14.1 | 16.0 | 18.1 | 18.1 | 20.1 |
| 87.5° | 2.0 | 2.0 | 0.0 | 2.0 | 4.0 | 4.0 | 8.0 | 8.0 | 8.0 | 12.1 | 12.1 |
| 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: P248878

CATALOG NUMBER: LSR8B90D010 EC8B90830 8LBSW0B

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 | 4112.3 |
| 2.5° | 4076.2 | 4078.2 | 4070.2 | 4068.2 | 4064.2 | 4066.1 | 4070.2 |
| 5° | 4001.9 | 4003.9 | 3995.9 | 3987.9 | 3987.9 | 3985.8 | 3987.9 |
| 7.5° | 3931.6 | 3933.7 | 3921.6 | 3917.5 | 3909.5 | 3911.6 | 3911.6 |
| 10° | 3861.3 | 3861.3 | 3843.3 | 3841.2 | 3835.2 | 3833.2 | 3833.2 |
| 12.5° | 3793.1 | 3787.0 | 3773.0 | 3765.0 | 3769.0 | 3756.9 | 3756.9 |
| 15° | 3732.8 | 3722.8 | 3704.7 | 3698.7 | 3688.7 | 3684.6 | 3684.6 |
| 17.5° | 3670.6 | 3662.6 | 3646.5 | 3634.5 | 3622.4 | 3620.4 | 3622.4 |
| 20° | 3610.3 | 3602.3 | 3582.2 | 3574.2 | 3564.2 | 3564.2 | 3560.2 |
| 22.5° | 3550.1 | 3542.1 | 3524.0 | 3518.0 | 3504.0 | 3504.0 | 3505.9 |
| 25° | 3487.8 | 3481.8 | 3461.7 | 3457.8 | 3455.8 | 3447.7 | 3451.7 |
| 27.5° | 3403.5 | 3399.5 | 3383.4 | 3377.4 | 3369.4 | 3367.4 | 3371.4 |
| 30° | 3248.9 | 3242.9 | 3230.9 | 3224.8 | 3210.8 | 3212.8 | 3216.7 |
| 32.5° | 3056.2 | 3048.1 | 3032.0 | 3026.0 | 3014.0 | 3010.0 | 3011.9 |
| 35° | 2815.2 | 2809.2 | 2795.1 | 2795.1 | 2783.1 | 2779.0 | 2783.1 |
| 37.5° | 2570.3 | 2576.2 | 2570.3 | 2576.2 | 2570.3 | 2568.2 | 2570.3 |
| 40° | 2339.3 | 2361.4 | 2365.4 | 2387.5 | 2379.5 | 2391.5 | 2389.5 |
| 42.5° | 2118.4 | 2154.5 | 2168.7 | 2186.7 | 2182.7 | 2190.7 | 2196.8 |
| 45° | 1895.5 | 1925.7 | 1939.7 | 1951.8 | 1953.8 | 1957.8 | 1959.8 |
| 47.5° | 1684.7 | 1708.8 | 1710.8 | 1724.8 | 1722.8 | 1722.8 | 1728.9 |
| 50° | 1488.0 | 1504.0 | 1508.0 | 1518.0 | 1510.0 | 1506.0 | 1508.0 |
| 52.5° | 1305.2 | 1321.2 | 1317.2 | 1321.2 | 1311.2 | 1307.2 | 1309.2 |
| 55° | 1118.4 | 1126.4 | 1126.4 | 1126.4 | 1114.5 | 1114.5 | 1114.5 |
| 57.5° | 927.7 | 929.7 | 925.7 | 927.7 | 925.7 | 913.6 | 911.6 |
| 60° | 753.0 | 753.0 | 751.0 | 753.0 | 747.0 | 741.0 | 741.0 |
| 62.5° | 588.3 | 592.4 | 600.4 | 592.4 | 588.3 | 592.4 | 586.3 |
| 65° | 439.8 | 447.8 | 445.7 | 449.8 | 447.8 | 447.8 | 443.7 |
| 67.5° | 331.3 | 333.3 | 335.3 | 337.4 | 337.4 | 337.4 | 337.4 |
| 70° | 243.0 | 249.0 | 247.0 | 247.0 | 247.0 | 247.0 | 259.0 |
| 72.5° | 162.7 | 170.7 | 168.7 | 172.7 | 172.7 | 176.7 | 172.7 |
| 75° | 110.4 | 118.4 | 114.5 | 120.5 | 118.4 | 114.5 | 124.5 |
| 77.5° | 74.3 | 78.4 | 80.3 | 82.3 | 80.3 | 78.4 | 80.3 |
| 80° | 52.2 | 56.2 | 54.2 | 56.2 | 56.2 | 56.2 | 58.3 |
| 82.5° | 32.2 | 38.2 | 36.1 | 38.2 | 36.1 | 38.2 | 38.2 |
| 85° | 22.1 | 24.1 | 20.1 | 24.1 | 22.1 | 22.1 | 26.1 |
| 87.5° | 14.1 | 12.1 | 12.1 | 14.1 | 12.1 | 14.1 | 12.1 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)