

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: P248620

Luminaire Tested: **LSR8B150D010 EC8B150940 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248620
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: LSR8B150D010 EC8B150940 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
90 CRI 4000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14476.0 lumens
Efficiency: N/A
Efficacy: 91.3 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

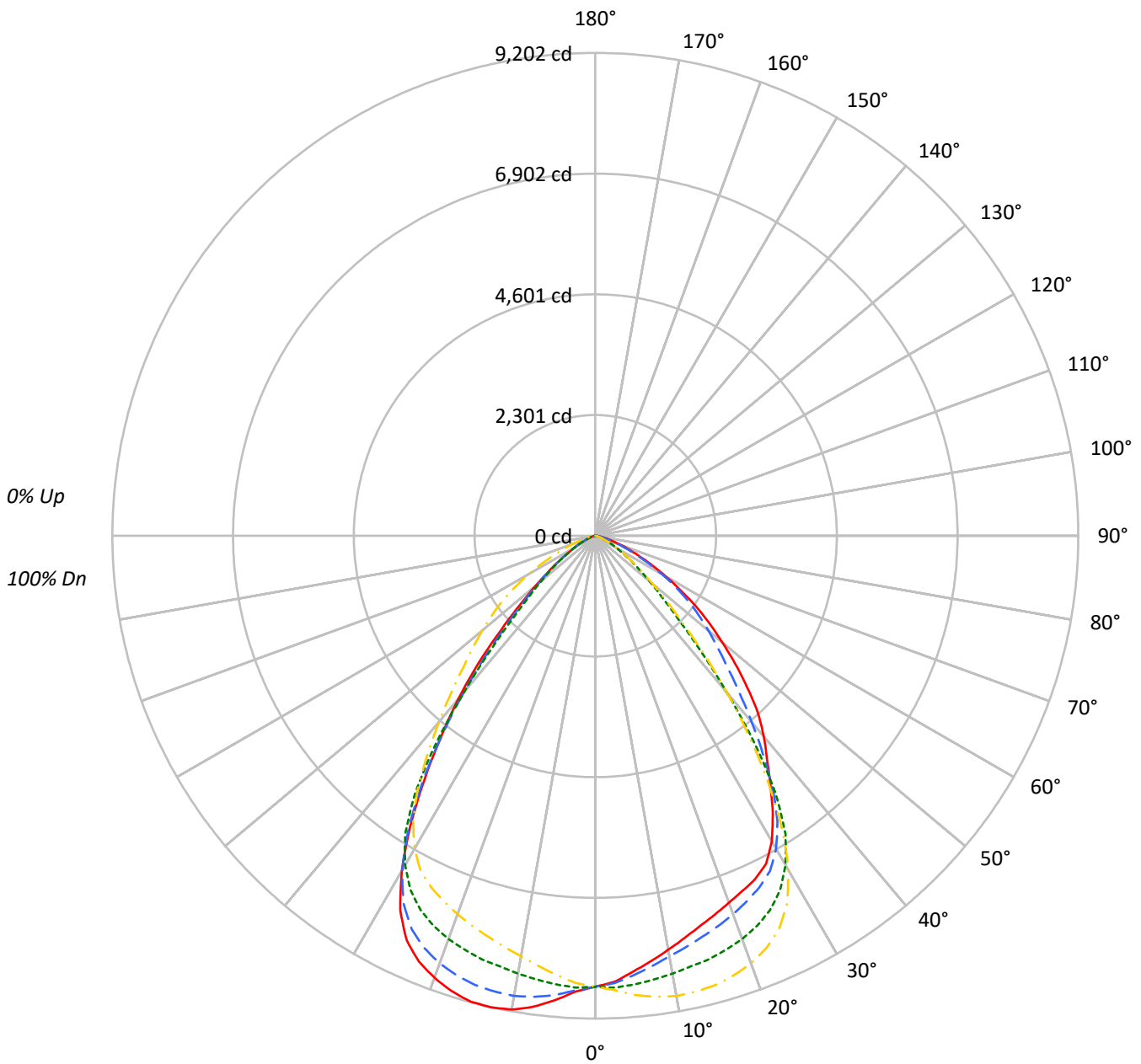
Input Watts (W): 158.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248620

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Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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° | 265004 | 265004 | 265004 | 265004 |
| 5° | 257965 | 265626 | 275111 | 265626 |
| 10° | 250831 | 265282 | 287094 | 265282 |
| 15° | 245819 | 266854 | 293376 | 266854 |
| 20° | 244146 | 268380 | 294130 | 268380 |
| 25° | 245430 | 267841 | 289406 | 267841 |
| 30° | 239359 | 258038 | 262674 | 258038 |
| 35° | 218942 | 225097 | 213571 | 225097 |
| 40° | 201012 | 156584 | 163516 | 156584 |
| 45° | 178606 | 95526 | 110527 | 95526 |
| 50° | 151177 | 63809 | 70861 | 63809 |
| 55° | 125210 | 43541 | 46020 | 43541 |
| 60° | 95500 | 28986 | 29239 | 28986 |
| 65° | 67660 | 18059 | 16534 | 18059 |
| 70° | 48803 | 12099 | 10981 | 12099 |
| 75° | 30989 | 6005 | 5004 | 6005 |
| 80° | 21629 | 4475 | 3711 | 4475 |
| 85° | 19318 | 0 | 1451 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 818.0 | 5.7 |
| 10°-20° | 2368.7 | 16.4 |
| 20°-30° | 3586.7 | 24.8 |
| 30°-40° | 3594.8 | 24.8 |
| 40°-50° | 2257.4 | 15.6 |
| 50°-60° | 1202.9 | 8.3 |
| 60°-70° | 494.7 | 3.4 |
| 70°-80° | 130.7 | 0.9 |
| 80°-90° | 22.1 | 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° | 6773.4 | 46.8 |
| 0°-40° | 10368.2 | 71.6 |
| 0°-60° | 13828.5 | 95.5 |
| 0°-90° | 14476.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 14476.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 8594 | 8594 | 8594 | 8594 | 8594 | |
| 5° | 8334 | 8581 | 8888 | 8581 | 8334 | 786 |
| 15° | 7700 | 8359 | 9190 | 8359 | 7700 | 2178 |
| 25° | 7213 | 7872 | 8506 | 7872 | 7213 | 3308 |
| 35° | 5816 | 5980 | 5673 | 5980 | 5816 | 3644 |
| 45° | 4096 | 2190 | 2534 | 2190 | 4096 | 3150 |
| 55° | 2329 | 810 | 856 | 810 | 2329 | 2076 |
| 65° | 927 | 248 | 227 | 248 | 927 | 962 |
| 75° | 260 | 50 | 42 | 50 | 260 | 295 |
| 85° | 55 | 0 | 4 | 0 | 55 | 60 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248620

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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8505.9 | 8497.4 | 8493.2 | 8501.7 | 8505.9 | 8522.6 | 8518.5 | 8526.8 | 8526.8 | 8531.1 | 8539.4 |
| 5° | 8333.8 | 8329.5 | 8333.8 | 8333.8 | 8350.6 | 8367.3 | 8363.2 | 8375.8 | 8384.1 | 8405.2 | 8413.4 |
| 7.5° | 8174.4 | 8174.4 | 8170.1 | 8186.8 | 8195.3 | 8220.5 | 8216.2 | 8237.3 | 8249.9 | 8270.8 | 8300.1 |
| 10° | 8010.7 | 8010.7 | 8014.8 | 8027.4 | 8031.7 | 8069.4 | 8069.4 | 8098.7 | 8115.5 | 8136.6 | 8174.4 |
| 12.5° | 7851.2 | 7851.2 | 7876.5 | 7868.0 | 7884.7 | 7914.1 | 7926.7 | 7956.1 | 7981.3 | 8023.3 | 8061.1 |
| 15° | 7700.1 | 7700.1 | 7708.6 | 7729.5 | 7742.1 | 7779.9 | 7800.8 | 7834.5 | 7863.8 | 7905.8 | 7960.4 |
| 17.5° | 7570.0 | 7565.9 | 7570.0 | 7595.3 | 7620.5 | 7654.0 | 7670.7 | 7712.7 | 7742.1 | 7796.7 | 7847.1 |
| 20° | 7440.0 | 7448.5 | 7448.5 | 7469.4 | 7486.1 | 7528.1 | 7544.8 | 7591.1 | 7624.6 | 7674.9 | 7733.8 |
| 22.5° | 7326.7 | 7322.5 | 7322.5 | 7351.9 | 7364.5 | 7402.2 | 7418.9 | 7460.9 | 7498.7 | 7540.7 | 7595.3 |
| 25° | 7213.4 | 7204.9 | 7221.8 | 7226.0 | 7234.3 | 7276.2 | 7288.9 | 7318.2 | 7356.0 | 7393.9 | 7448.5 |
| 27.5° | 7045.5 | 7037.2 | 7041.3 | 7058.1 | 7070.7 | 7104.2 | 7112.7 | 7142.0 | 7171.4 | 7204.9 | 7251.2 |
| 30° | 6722.3 | 6714.0 | 6709.9 | 6739.3 | 6751.9 | 6776.9 | 6789.5 | 6840.0 | 6848.2 | 6886.1 | 6919.6 |
| 32.5° | 6294.3 | 6290.2 | 6298.6 | 6323.7 | 6336.3 | 6370.0 | 6386.7 | 6416.1 | 6437.0 | 6458.1 | 6491.6 |
| 35° | 5816.1 | 5807.6 | 5816.1 | 5841.3 | 5841.3 | 5870.6 | 5883.2 | 5895.7 | 5891.5 | 5895.7 | 5887.4 |
| 37.5° | 5371.3 | 5367.0 | 5371.3 | 5383.7 | 5371.3 | 5383.7 | 5371.3 | 5346.1 | 5300.0 | 5249.5 | 5199.1 |
| 40° | 4993.6 | 4997.7 | 4972.7 | 4989.4 | 4943.1 | 4934.8 | 4888.7 | 4825.7 | 4733.4 | 4632.7 | 4490.1 |
| 42.5° | 4590.8 | 4578.2 | 4561.4 | 4569.7 | 4532.0 | 4502.5 | 4427.0 | 4347.4 | 4229.8 | 4062.1 | 3889.9 |
| 45° | 4095.6 | 4091.4 | 4083.0 | 4078.8 | 4053.6 | 4024.2 | 3961.2 | 3869.0 | 3738.9 | 3566.9 | 3361.2 |
| 47.5° | 3613.0 | 3600.4 | 3600.4 | 3604.5 | 3575.2 | 3571.0 | 3520.6 | 3441.0 | 3327.7 | 3159.8 | 2945.8 |
| 50° | 3151.3 | 3147.2 | 3155.6 | 3172.4 | 3151.3 | 3143.0 | 3109.5 | 3054.9 | 2954.2 | 2811.6 | 2610.0 |
| 52.5° | 2735.9 | 2731.8 | 2740.2 | 2761.1 | 2752.7 | 2761.1 | 2727.6 | 2685.7 | 2618.5 | 2479.9 | 2303.8 |
| 55° | 2329.0 | 2329.0 | 2329.0 | 2354.0 | 2354.0 | 2354.0 | 2337.3 | 2312.2 | 2249.2 | 2148.5 | 1984.9 |
| 57.5° | 1905.1 | 1909.3 | 1934.5 | 1938.6 | 1934.5 | 1942.9 | 1938.6 | 1913.4 | 1871.6 | 1800.3 | 1674.4 |
| 60° | 1548.5 | 1548.5 | 1561.1 | 1573.7 | 1569.3 | 1573.7 | 1573.7 | 1561.1 | 1519.1 | 1460.4 | 1359.7 |
| 62.5° | 1225.3 | 1237.9 | 1229.4 | 1237.9 | 1254.7 | 1237.9 | 1229.4 | 1221.1 | 1191.8 | 1154.0 | 1070.0 |
| 65° | 927.3 | 935.8 | 935.8 | 940.0 | 931.5 | 935.8 | 919.1 | 906.4 | 889.7 | 847.7 | 793.1 |
| 67.5° | 705.1 | 705.1 | 705.1 | 705.1 | 700.7 | 696.6 | 692.4 | 679.8 | 650.5 | 633.7 | 574.8 |
| 70° | 541.3 | 516.1 | 516.1 | 516.1 | 516.1 | 520.4 | 507.8 | 491.0 | 482.6 | 453.2 | 411.3 |
| 72.5° | 360.8 | 369.3 | 360.8 | 360.8 | 352.5 | 356.7 | 339.9 | 331.5 | 323.2 | 306.4 | 281.2 |
| 75° | 260.1 | 239.2 | 247.5 | 251.8 | 239.2 | 247.5 | 230.8 | 214.0 | 214.0 | 201.4 | 188.8 |
| 77.5° | 167.9 | 163.7 | 167.9 | 172.0 | 167.9 | 163.7 | 155.3 | 146.8 | 146.8 | 142.7 | 130.1 |
| 80° | 121.8 | 117.5 | 117.5 | 117.5 | 113.3 | 117.5 | 109.2 | 109.2 | 100.7 | 96.6 | 88.1 |
| 82.5° | 79.8 | 79.8 | 75.5 | 79.8 | 75.5 | 79.8 | 67.2 | 67.2 | 67.2 | 62.9 | 54.6 |
| 85° | 54.6 | 46.1 | 46.1 | 50.4 | 42.0 | 50.4 | 46.1 | 42.0 | 37.8 | 37.8 | 33.5 |
| 87.5° | 25.2 | 29.4 | 25.2 | 29.4 | 25.2 | 25.2 | 29.4 | 25.2 | 25.2 | 16.8 | 16.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8552.0 | 8556.1 | 8556.1 | 8573.0 | 8581.3 | 8585.5 | 8585.5 | 8619.2 | 8606.6 | 8615.0 | 8623.3 |
| 5° | 8430.4 | 8455.4 | 8463.9 | 8463.9 | 8510.0 | 8526.8 | 8543.5 | 8581.3 | 8585.5 | 8610.7 | 8640.1 |
| 7.5° | 8312.8 | 8342.1 | 8359.0 | 8396.7 | 8426.1 | 8455.4 | 8505.9 | 8531.1 | 8556.1 | 8589.8 | 8627.5 |
| 10° | 8199.4 | 8233.1 | 8266.6 | 8296.0 | 8342.1 | 8379.9 | 8413.4 | 8472.2 | 8501.7 | 8547.8 | 8598.1 |
| 12.5° | 8090.5 | 8136.6 | 8165.9 | 8216.2 | 8266.6 | 8300.1 | 8350.6 | 8405.2 | 8451.3 | 8497.4 | 8556.1 |
| 15° | 7993.9 | 8048.5 | 8082.0 | 8136.6 | 8191.2 | 8237.3 | 8291.9 | 8359.0 | 8392.5 | 8447.1 | 8501.7 |
| 17.5° | 7888.9 | 7947.8 | 7989.8 | 8040.0 | 8107.2 | 8157.5 | 8203.8 | 8270.8 | 8312.8 | 8371.5 | 8434.5 |
| 20° | 7779.9 | 7838.6 | 7888.9 | 7939.3 | 8006.5 | 8056.8 | 8111.4 | 8178.5 | 8224.7 | 8283.4 | 8333.8 |
| 22.5° | 7649.8 | 7704.4 | 7758.8 | 7817.6 | 7884.7 | 7926.7 | 7989.8 | 8048.5 | 8098.7 | 8153.3 | 8203.8 |
| 25° | 7482.0 | 7549.1 | 7591.1 | 7645.5 | 7700.1 | 7746.2 | 7813.4 | 7872.1 | 7914.1 | 7964.5 | 8010.7 |
| 27.5° | 7284.7 | 7335.1 | 7368.7 | 7414.8 | 7469.4 | 7511.3 | 7561.6 | 7620.5 | 7662.5 | 7708.6 | 7742.1 |
| 30° | 6948.9 | 6995.2 | 7024.6 | 7058.1 | 7112.7 | 7150.5 | 7192.5 | 7246.9 | 7276.2 | 7309.9 | 7339.3 |
| 32.5° | 6508.3 | 6546.2 | 6562.9 | 6588.1 | 6626.0 | 6663.6 | 6697.3 | 6743.4 | 6756.0 | 6776.9 | 6776.9 |
| 35° | 5870.6 | 5878.9 | 5874.8 | 5883.2 | 5900.0 | 5920.9 | 5950.3 | 5979.6 | 5996.4 | 5996.4 | 5983.9 |
| 37.5° | 5123.6 | 5073.4 | 5018.8 | 4976.8 | 4964.2 | 4955.7 | 4972.7 | 4985.1 | 5002.0 | 5010.3 | 4989.4 |
| 40° | 4347.4 | 4234.1 | 4112.3 | 4003.2 | 3927.7 | 3894.2 | 3881.6 | 3889.9 | 3889.9 | 3919.2 | 3919.2 |
| 42.5° | 3680.2 | 3503.8 | 3323.5 | 3159.8 | 3050.6 | 2966.8 | 2929.0 | 2929.0 | 2933.2 | 2954.2 | 2966.8 |
| 45° | 3126.3 | 2903.8 | 2693.9 | 2513.6 | 2362.5 | 2253.3 | 2203.1 | 2190.5 | 2186.3 | 2194.6 | 2224.0 |
| 47.5° | 2702.4 | 2471.6 | 2253.3 | 2031.0 | 1871.6 | 1762.5 | 1716.3 | 1699.4 | 1682.7 | 1699.4 | 1703.7 |
| 50° | 2371.0 | 2131.7 | 1901.0 | 1678.5 | 1510.6 | 1414.1 | 1355.3 | 1330.1 | 1326.0 | 1326.0 | 1334.4 |
| 52.5° | 2068.7 | 1846.4 | 1615.6 | 1389.0 | 1212.7 | 1120.4 | 1065.9 | 1053.3 | 1036.5 | 1053.3 | 1053.3 |
| 55° | 1783.4 | 1561.1 | 1334.4 | 1120.4 | 973.5 | 877.1 | 826.6 | 809.9 | 801.4 | 814.0 | 814.0 |
| 57.5° | 1473.0 | 1284.0 | 1074.3 | 881.2 | 734.4 | 667.2 | 629.4 | 608.5 | 604.2 | 612.6 | 604.2 |
| 60° | 1208.5 | 1049.1 | 868.6 | 692.4 | 579.1 | 507.8 | 478.4 | 470.0 | 461.5 | 470.0 | 470.0 |
| 62.5° | 956.7 | 822.5 | 675.5 | 541.3 | 444.8 | 394.5 | 360.8 | 360.8 | 356.7 | 356.7 | 360.8 |
| 65° | 709.2 | 604.2 | 499.3 | 386.0 | 310.6 | 272.7 | 247.5 | 247.5 | 243.4 | 247.5 | 243.4 |
| 67.5° | 516.1 | 444.8 | 360.8 | 281.2 | 222.5 | 201.4 | 184.6 | 172.0 | 180.5 | 172.0 | 167.9 |
| 70° | 377.7 | 318.8 | 260.1 | 214.0 | 172.0 | 151.1 | 138.5 | 134.2 | 125.9 | 125.9 | 125.9 |
| 72.5° | 251.8 | 214.0 | 176.2 | 138.5 | 113.3 | 92.2 | 88.1 | 79.8 | 71.3 | 75.5 | 83.9 |
| 75° | 167.9 | 142.7 | 125.9 | 100.7 | 75.5 | 75.5 | 50.4 | 50.4 | 42.0 | 50.4 | 37.8 |
| 77.5° | 117.5 | 96.6 | 75.5 | 62.9 | 50.4 | 46.1 | 33.5 | 33.5 | 29.4 | 29.4 | 29.4 |
| 80° | 83.9 | 71.3 | 54.6 | 46.1 | 33.5 | 33.5 | 29.4 | 25.2 | 20.9 | 20.9 | 25.2 |
| 82.5° | 50.4 | 37.8 | 37.8 | 33.5 | 20.9 | 16.8 | 12.6 | 16.8 | 8.5 | 8.5 | 8.5 |
| 85° | 29.4 | 25.2 | 20.9 | 12.6 | 8.5 | 8.5 | 4.1 | 0.0 | 4.1 | 4.1 | 0.0 |
| 87.5° | 16.8 | 8.5 | 8.5 | 4.1 | 0.0 | 4.1 | 4.1 | 0.0 | 0.0 | 0.0 | 8.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248620

CATALOG NUMBER: LSR8B150D010 EC8B150940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8644.4 | 8640.1 | 8648.5 | 8648.5 | 8673.7 | 8669.4 | 8682.0 | 8682.0 | 8673.7 | 8677.9 | 8694.6 |
| 5° | 8673.7 | 8686.3 | 8711.4 | 8732.5 | 8770.1 | 8787.0 | 8807.9 | 8829.0 | 8833.2 | 8845.8 | 8858.4 |
| 7.5° | 8673.7 | 8715.7 | 8745.1 | 8782.7 | 8833.2 | 8862.5 | 8908.6 | 8946.5 | 8963.2 | 8984.1 | 9009.3 |
| 10° | 8656.8 | 8698.8 | 8753.4 | 8795.3 | 8858.4 | 8904.5 | 8950.6 | 9009.3 | 9034.6 | 9068.1 | 9101.7 |
| 12.5° | 8623.3 | 8669.4 | 8728.1 | 8782.7 | 8854.1 | 8896.0 | 8954.8 | 9009.3 | 9047.2 | 9093.3 | 9131.1 |
| 15° | 8573.0 | 8627.5 | 8682.0 | 8736.6 | 8812.1 | 8862.5 | 8917.1 | 8980.0 | 9017.8 | 9068.1 | 9101.7 |
| 17.5° | 8493.2 | 8552.0 | 8602.4 | 8652.7 | 8724.0 | 8782.7 | 8833.2 | 8891.9 | 8929.7 | 8971.7 | 9017.8 |
| 20° | 8396.7 | 8451.3 | 8505.9 | 8547.8 | 8619.2 | 8669.4 | 8724.0 | 8778.6 | 8807.9 | 8816.4 | 8887.7 |
| 22.5° | 8275.1 | 8312.8 | 8354.7 | 8421.9 | 8463.9 | 8510.0 | 8560.4 | 8610.7 | 8640.1 | 8686.3 | 8711.4 |
| 25° | 8073.5 | 8111.4 | 8157.5 | 8186.8 | 8237.3 | 8275.1 | 8325.4 | 8379.9 | 8396.7 | 8430.4 | 8455.4 |
| 27.5° | 7792.5 | 7813.4 | 7834.5 | 7859.5 | 7888.9 | 7910.0 | 7939.3 | 7964.5 | 7981.3 | 7998.1 | 8014.8 |
| 30° | 7347.6 | 7347.6 | 7347.6 | 7330.8 | 7343.4 | 7356.0 | 7360.2 | 7356.0 | 7356.0 | 7351.9 | 7351.9 |
| 32.5° | 6760.2 | 6726.6 | 6688.8 | 6655.3 | 6642.7 | 6626.0 | 6617.5 | 6604.9 | 6584.0 | 6571.4 | 6575.5 |
| 35° | 5967.0 | 5891.5 | 5845.4 | 5803.5 | 5769.9 | 5744.7 | 5732.1 | 5719.5 | 5715.4 | 5698.6 | 5681.7 |
| 37.5° | 4976.8 | 4922.2 | 4888.7 | 4863.5 | 4834.1 | 4808.9 | 4813.1 | 4817.4 | 4829.8 | 4821.5 | 4825.7 |
| 40° | 3927.7 | 3915.1 | 3927.7 | 3898.3 | 3889.9 | 3898.3 | 3919.2 | 3948.8 | 3965.5 | 3982.3 | 4011.6 |
| 42.5° | 2987.7 | 3008.6 | 3038.2 | 3038.2 | 3050.6 | 3067.5 | 3092.6 | 3138.9 | 3163.9 | 3193.3 | 3227.0 |
| 45° | 2249.2 | 2274.4 | 2312.2 | 2324.7 | 2333.1 | 2354.0 | 2383.6 | 2421.2 | 2438.0 | 2463.2 | 2492.5 |
| 47.5° | 1733.1 | 1749.8 | 1770.7 | 1791.8 | 1812.7 | 1821.2 | 1850.5 | 1850.5 | 1871.6 | 1888.4 | 1896.7 |
| 50° | 1351.2 | 1368.0 | 1384.7 | 1397.3 | 1405.8 | 1418.4 | 1426.7 | 1439.3 | 1443.4 | 1451.9 | 1456.0 |
| 52.5° | 1057.4 | 1078.5 | 1078.5 | 1086.8 | 1099.4 | 1112.0 | 1107.8 | 1112.0 | 1116.1 | 1116.1 | 1128.7 |
| 55° | 826.6 | 826.6 | 839.3 | 839.3 | 847.7 | 843.4 | 847.7 | 847.7 | 847.7 | 847.7 | 851.9 |
| 57.5° | 616.8 | 621.1 | 633.7 | 625.3 | 621.1 | 629.4 | 621.1 | 629.4 | 625.3 | 633.7 | 621.1 |
| 60° | 474.1 | 474.1 | 478.4 | 478.4 | 482.6 | 482.6 | 482.6 | 478.4 | 478.4 | 474.1 | 474.1 |
| 62.5° | 356.7 | 360.8 | 365.1 | 360.8 | 360.8 | 360.8 | 356.7 | 356.7 | 352.5 | 348.2 | 348.2 |
| 65° | 239.2 | 235.1 | 243.4 | 235.1 | 239.2 | 239.2 | 235.1 | 239.2 | 226.6 | 230.8 | 226.6 |
| 67.5° | 172.0 | 167.9 | 163.7 | 167.9 | 163.7 | 159.4 | 159.4 | 163.7 | 167.9 | 155.3 | 155.3 |
| 70° | 113.3 | 117.5 | 113.3 | 117.5 | 121.8 | 121.8 | 117.5 | 113.3 | 117.5 | 109.2 | 113.3 |
| 72.5° | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 75.5 | 75.5 | 75.5 | 67.2 | 67.2 | 62.9 |
| 75° | 33.5 | 46.1 | 37.8 | 33.5 | 46.1 | 46.1 | 42.0 | 42.0 | 37.8 | 37.8 | 37.8 |
| 77.5° | 33.5 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 20.9 | 25.2 | 20.9 |
| 80° | 16.8 | 16.8 | 16.8 | 12.6 | 16.8 | 16.8 | 20.9 | 16.8 | 16.8 | 12.6 | 20.9 |
| 82.5° | 8.5 | 8.5 | 8.5 | 0.0 | 4.1 | 8.5 | 8.5 | 4.1 | 8.5 | 8.5 | 4.1 |
| 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: P248620

CATALOG NUMBER: LSR8B150D010 EC8B150940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8690.5 | 8686.3 | 8690.5 | 8694.6 | 8690.5 | 8686.3 | 8690.5 | 8694.6 | 8677.9 | 8673.7 | 8682.0 |
| 5° | 8875.1 | 8875.1 | 8883.4 | 8887.7 | 8883.4 | 8875.1 | 8875.1 | 8858.4 | 8845.8 | 8833.2 | 8829.0 |
| 7.5° | 9034.6 | 9043.0 | 9051.3 | 9055.5 | 9051.3 | 9043.0 | 9034.6 | 9009.3 | 8984.1 | 8963.2 | 8946.5 |
| 10° | 9131.1 | 9143.7 | 9160.5 | 9168.8 | 9160.5 | 9143.7 | 9131.1 | 9101.7 | 9068.1 | 9034.6 | 9009.3 |
| 12.5° | 9173.1 | 9185.7 | 9206.6 | 9202.4 | 9206.6 | 9185.7 | 9173.1 | 9131.1 | 9093.3 | 9047.2 | 9009.3 |
| 15° | 9143.7 | 9160.5 | 9181.4 | 9189.8 | 9181.4 | 9160.5 | 9143.7 | 9101.7 | 9068.1 | 9017.8 | 8980.0 |
| 17.5° | 9051.3 | 9076.5 | 9089.1 | 9101.7 | 9089.1 | 9076.5 | 9051.3 | 9017.8 | 8971.7 | 8929.7 | 8891.9 |
| 20° | 8925.4 | 8942.3 | 8959.1 | 8963.2 | 8959.1 | 8942.3 | 8925.4 | 8887.7 | 8816.4 | 8807.9 | 8778.6 |
| 22.5° | 8745.1 | 8757.7 | 8795.3 | 8782.7 | 8795.3 | 8757.7 | 8745.1 | 8711.4 | 8686.3 | 8640.1 | 8610.7 |
| 25° | 8484.8 | 8497.4 | 8501.7 | 8505.9 | 8501.7 | 8497.4 | 8484.8 | 8455.4 | 8430.4 | 8396.7 | 8379.9 |
| 27.5° | 8035.9 | 8035.9 | 8044.2 | 8048.5 | 8044.2 | 8035.9 | 8035.9 | 8014.8 | 7998.1 | 7981.3 | 7964.5 |
| 30° | 7356.0 | 7356.0 | 7356.0 | 7377.1 | 7356.0 | 7356.0 | 7356.0 | 7351.9 | 7351.9 | 7356.0 | 7356.0 |
| 32.5° | 6571.4 | 6562.9 | 6554.6 | 6562.9 | 6554.6 | 6562.9 | 6571.4 | 6575.5 | 6571.4 | 6584.0 | 6604.9 |
| 35° | 5681.7 | 5677.5 | 5690.1 | 5673.4 | 5690.1 | 5677.5 | 5681.7 | 5681.7 | 5698.6 | 5715.4 | 5719.5 |
| 37.5° | 4829.8 | 4821.5 | 4838.3 | 4821.5 | 4838.3 | 4821.5 | 4829.8 | 4825.7 | 4821.5 | 4829.8 | 4817.4 |
| 40° | 4020.1 | 4028.4 | 4028.4 | 4062.1 | 4028.4 | 4028.4 | 4020.1 | 4011.6 | 3982.3 | 3965.5 | 3948.8 |
| 42.5° | 3243.7 | 3268.9 | 3260.5 | 3285.7 | 3260.5 | 3268.9 | 3243.7 | 3227.0 | 3193.3 | 3163.9 | 3138.9 |
| 45° | 2509.3 | 2526.2 | 2526.2 | 2534.5 | 2526.2 | 2526.2 | 2509.3 | 2492.5 | 2463.2 | 2438.0 | 2421.2 |
| 47.5° | 1926.0 | 1926.0 | 1926.0 | 1930.3 | 1926.0 | 1926.0 | 1926.0 | 1896.7 | 1888.4 | 1871.6 | 1850.5 |
| 50° | 1464.5 | 1468.7 | 1473.0 | 1477.1 | 1473.0 | 1468.7 | 1464.5 | 1456.0 | 1451.9 | 1443.4 | 1439.3 |
| 52.5° | 1124.6 | 1128.7 | 1120.4 | 1128.7 | 1120.4 | 1128.7 | 1124.6 | 1128.7 | 1116.1 | 1116.1 | 1112.0 |
| 55° | 851.9 | 847.7 | 851.9 | 856.0 | 851.9 | 847.7 | 851.9 | 851.9 | 847.7 | 847.7 | 847.7 |
| 57.5° | 625.3 | 616.8 | 616.8 | 616.8 | 616.8 | 616.8 | 625.3 | 621.1 | 633.7 | 625.3 | 629.4 |
| 60° | 465.8 | 470.0 | 470.0 | 474.1 | 470.0 | 470.0 | 465.8 | 474.1 | 474.1 | 478.4 | 478.4 |
| 62.5° | 344.1 | 356.7 | 348.2 | 356.7 | 348.2 | 356.7 | 344.1 | 348.2 | 348.2 | 352.5 | 356.7 |
| 65° | 222.5 | 222.5 | 222.5 | 226.6 | 222.5 | 222.5 | 222.5 | 226.6 | 230.8 | 226.6 | 239.2 |
| 67.5° | 151.1 | 155.3 | 163.7 | 159.4 | 163.7 | 155.3 | 151.1 | 155.3 | 155.3 | 167.9 | 163.7 |
| 70° | 121.8 | 109.2 | 109.2 | 121.8 | 109.2 | 109.2 | 121.8 | 113.3 | 109.2 | 117.5 | 113.3 |
| 72.5° | 71.3 | 62.9 | 71.3 | 71.3 | 71.3 | 62.9 | 71.3 | 62.9 | 67.2 | 67.2 | 75.5 |
| 75° | 37.8 | 33.5 | 29.4 | 42.0 | 29.4 | 33.5 | 37.8 | 37.8 | 37.8 | 37.8 | 42.0 |
| 77.5° | 25.2 | 20.9 | 29.4 | 29.4 | 29.4 | 20.9 | 25.2 | 20.9 | 25.2 | 20.9 | 25.2 |
| 80° | 12.6 | 16.8 | 12.6 | 20.9 | 12.6 | 16.8 | 12.6 | 20.9 | 12.6 | 16.8 | 16.8 |
| 82.5° | 4.1 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 4.1 | 4.1 | 8.5 | 8.5 | 4.1 |
| 85° | 0.0 | 8.5 | 4.1 | 4.1 | 4.1 | 8.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.1 | 0.0 | 0.0 | 4.1 | 0.0 | 0.0 | 4.1 | 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: P248620

CATALOG NUMBER: LSR8B150D010 EC8B150940 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8682.0 | 8669.4 | 8673.7 | 8648.5 | 8648.5 | 8640.1 | 8644.4 | 8623.3 | 8615.0 | 8606.6 | 8619.2 |
| 5° | 8807.9 | 8787.0 | 8770.1 | 8732.5 | 8711.4 | 8686.3 | 8673.7 | 8640.1 | 8610.7 | 8585.5 | 8581.3 |
| 7.5° | 8908.6 | 8862.5 | 8833.2 | 8782.7 | 8745.1 | 8715.7 | 8673.7 | 8627.5 | 8589.8 | 8556.1 | 8531.1 |
| 10° | 8950.6 | 8904.5 | 8858.4 | 8795.3 | 8753.4 | 8698.8 | 8656.8 | 8598.1 | 8547.8 | 8501.7 | 8472.2 |
| 12.5° | 8954.8 | 8896.0 | 8854.1 | 8782.7 | 8728.1 | 8669.4 | 8623.3 | 8556.1 | 8497.4 | 8451.3 | 8405.2 |
| 15° | 8917.1 | 8862.5 | 8812.1 | 8736.6 | 8682.0 | 8627.5 | 8573.0 | 8501.7 | 8447.1 | 8392.5 | 8359.0 |
| 17.5° | 8833.2 | 8782.7 | 8724.0 | 8652.7 | 8602.4 | 8552.0 | 8493.2 | 8434.5 | 8371.5 | 8312.8 | 8270.8 |
| 20° | 8724.0 | 8669.4 | 8619.2 | 8547.8 | 8505.9 | 8451.3 | 8396.7 | 8333.8 | 8283.4 | 8224.7 | 8178.5 |
| 22.5° | 8560.4 | 8510.0 | 8463.9 | 8421.9 | 8354.7 | 8312.8 | 8275.1 | 8203.8 | 8153.3 | 8098.7 | 8048.5 |
| 25° | 8325.4 | 8275.1 | 8237.3 | 8186.8 | 8157.5 | 8111.4 | 8073.5 | 8010.7 | 7964.5 | 7914.1 | 7872.1 |
| 27.5° | 7939.3 | 7910.0 | 7888.9 | 7859.5 | 7834.5 | 7813.4 | 7792.5 | 7742.1 | 7708.6 | 7662.5 | 7620.5 |
| 30° | 7360.2 | 7356.0 | 7343.4 | 7330.8 | 7347.6 | 7347.6 | 7347.6 | 7339.3 | 7309.9 | 7276.2 | 7246.9 |
| 32.5° | 6617.5 | 6626.0 | 6642.7 | 6655.3 | 6688.8 | 6726.6 | 6760.2 | 6776.9 | 6776.9 | 6756.0 | 6743.4 |
| 35° | 5732.1 | 5744.7 | 5769.9 | 5803.5 | 5845.4 | 5891.5 | 5967.0 | 5983.9 | 5996.4 | 5996.4 | 5979.6 |
| 37.5° | 4813.1 | 4808.9 | 4834.1 | 4863.5 | 4888.7 | 4922.2 | 4976.8 | 4989.4 | 5010.3 | 5002.0 | 4985.1 |
| 40° | 3919.2 | 3898.3 | 3889.9 | 3898.3 | 3927.7 | 3915.1 | 3927.7 | 3919.2 | 3919.2 | 3889.9 | 3889.9 |
| 42.5° | 3092.6 | 3067.5 | 3050.6 | 3038.2 | 3038.2 | 3008.6 | 2987.7 | 2966.8 | 2954.2 | 2933.2 | 2929.0 |
| 45° | 2383.6 | 2354.0 | 2333.1 | 2324.7 | 2312.2 | 2274.4 | 2249.2 | 2224.0 | 2194.6 | 2186.3 | 2190.5 |
| 47.5° | 1850.5 | 1821.2 | 1812.7 | 1791.8 | 1770.7 | 1749.8 | 1733.1 | 1703.7 | 1699.4 | 1682.7 | 1699.4 |
| 50° | 1426.7 | 1418.4 | 1405.8 | 1397.3 | 1384.7 | 1368.0 | 1351.2 | 1334.4 | 1326.0 | 1326.0 | 1330.1 |
| 52.5° | 1107.8 | 1112.0 | 1099.4 | 1086.8 | 1078.5 | 1078.5 | 1057.4 | 1053.3 | 1053.3 | 1036.5 | 1053.3 |
| 55° | 847.7 | 843.4 | 847.7 | 839.3 | 839.3 | 826.6 | 826.6 | 814.0 | 814.0 | 801.4 | 809.9 |
| 57.5° | 621.1 | 629.4 | 621.1 | 625.3 | 633.7 | 621.1 | 616.8 | 604.2 | 612.6 | 604.2 | 608.5 |
| 60° | 482.6 | 482.6 | 482.6 | 478.4 | 478.4 | 474.1 | 474.1 | 470.0 | 470.0 | 461.5 | 470.0 |
| 62.5° | 356.7 | 360.8 | 360.8 | 360.8 | 365.1 | 360.8 | 356.7 | 360.8 | 356.7 | 356.7 | 360.8 |
| 65° | 235.1 | 239.2 | 239.2 | 235.1 | 243.4 | 235.1 | 239.2 | 243.4 | 247.5 | 243.4 | 247.5 |
| 67.5° | 159.4 | 159.4 | 163.7 | 167.9 | 163.7 | 167.9 | 172.0 | 167.9 | 172.0 | 180.5 | 172.0 |
| 70° | 117.5 | 121.8 | 121.8 | 117.5 | 113.3 | 117.5 | 113.3 | 125.9 | 125.9 | 125.9 | 134.2 |
| 72.5° | 75.5 | 75.5 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 83.9 | 75.5 | 71.3 | 79.8 |
| 75° | 42.0 | 46.1 | 46.1 | 33.5 | 37.8 | 46.1 | 33.5 | 37.8 | 50.4 | 42.0 | 50.4 |
| 77.5° | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 33.5 | 29.4 | 29.4 | 29.4 | 33.5 |
| 80° | 20.9 | 16.8 | 16.8 | 12.6 | 16.8 | 16.8 | 16.8 | 25.2 | 20.9 | 20.9 | 25.2 |
| 82.5° | 8.5 | 8.5 | 4.1 | 0.0 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 8.5 | 16.8 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.1 | 4.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.5 | 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: P248620

CATALOG NUMBER: LSR8B150D010 EC8B150940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8585.5 | 8585.5 | 8581.3 | 8573.0 | 8556.1 | 8556.1 | 8552.0 | 8539.4 | 8531.1 | 8526.8 | 8526.8 |
| 5° | 8543.5 | 8526.8 | 8510.0 | 8463.9 | 8463.9 | 8455.4 | 8430.4 | 8413.4 | 8405.2 | 8384.1 | 8375.8 |
| 7.5° | 8505.9 | 8455.4 | 8426.1 | 8396.7 | 8359.0 | 8342.1 | 8312.8 | 8300.1 | 8270.8 | 8249.9 | 8237.3 |
| 10° | 8413.4 | 8379.9 | 8342.1 | 8296.0 | 8266.6 | 8233.1 | 8199.4 | 8174.4 | 8136.6 | 8115.5 | 8098.7 |
| 12.5° | 8350.6 | 8300.1 | 8266.6 | 8216.2 | 8165.9 | 8136.6 | 8090.5 | 8061.1 | 8023.3 | 7981.3 | 7956.1 |
| 15° | 8291.9 | 8237.3 | 8191.2 | 8136.6 | 8082.0 | 8048.5 | 7993.9 | 7960.4 | 7905.8 | 7863.8 | 7834.5 |
| 17.5° | 8203.8 | 8157.5 | 8107.2 | 8040.0 | 7989.8 | 7947.8 | 7888.9 | 7847.1 | 7796.7 | 7742.1 | 7712.7 |
| 20° | 8111.4 | 8056.8 | 8006.5 | 7939.3 | 7888.9 | 7838.6 | 7779.9 | 7733.8 | 7674.9 | 7624.6 | 7591.1 |
| 22.5° | 7989.8 | 7926.7 | 7884.7 | 7817.6 | 7758.8 | 7704.4 | 7649.8 | 7595.3 | 7540.7 | 7498.7 | 7460.9 |
| 25° | 7813.4 | 7746.2 | 7700.1 | 7645.5 | 7591.1 | 7549.1 | 7482.0 | 7448.5 | 7393.9 | 7356.0 | 7318.2 |
| 27.5° | 7561.6 | 7511.3 | 7469.4 | 7414.8 | 7368.7 | 7335.1 | 7284.7 | 7251.2 | 7204.9 | 7171.4 | 7142.0 |
| 30° | 7192.5 | 7150.5 | 7112.7 | 7058.1 | 7024.6 | 6995.2 | 6948.9 | 6919.6 | 6886.1 | 6848.2 | 6840.0 |
| 32.5° | 6697.3 | 6663.6 | 6626.0 | 6588.1 | 6562.9 | 6546.2 | 6508.3 | 6491.6 | 6458.1 | 6437.0 | 6416.1 |
| 35° | 5950.3 | 5920.9 | 5900.0 | 5883.2 | 5874.8 | 5878.9 | 5870.6 | 5887.4 | 5895.7 | 5891.5 | 5895.7 |
| 37.5° | 4972.7 | 4955.7 | 4964.2 | 4976.8 | 5018.8 | 5073.4 | 5123.6 | 5199.1 | 5249.5 | 5300.0 | 5346.1 |
| 40° | 3881.6 | 3894.2 | 3927.7 | 4003.2 | 4112.3 | 4234.1 | 4347.4 | 4490.1 | 4632.7 | 4733.4 | 4825.7 |
| 42.5° | 2929.0 | 2966.8 | 3050.6 | 3159.8 | 3323.5 | 3503.8 | 3680.2 | 3889.9 | 4062.1 | 4229.8 | 4347.4 |
| 45° | 2203.1 | 2253.3 | 2362.5 | 2513.6 | 2693.9 | 2903.8 | 3126.3 | 3361.2 | 3566.9 | 3738.9 | 3869.0 |
| 47.5° | 1716.3 | 1762.5 | 1871.6 | 2031.0 | 2253.3 | 2471.6 | 2702.4 | 2945.8 | 3159.8 | 3327.7 | 3441.0 |
| 50° | 1355.3 | 1414.1 | 1510.6 | 1678.5 | 1901.0 | 2131.7 | 2371.0 | 2610.0 | 2811.6 | 2954.2 | 3054.9 |
| 52.5° | 1065.9 | 1120.4 | 1212.7 | 1389.0 | 1615.6 | 1846.4 | 2068.7 | 2303.8 | 2479.9 | 2618.5 | 2685.7 |
| 55° | 826.6 | 877.1 | 973.5 | 1120.4 | 1334.4 | 1561.1 | 1783.4 | 1984.9 | 2148.5 | 2249.2 | 2312.2 |
| 57.5° | 629.4 | 667.2 | 734.4 | 881.2 | 1074.3 | 1284.0 | 1473.0 | 1674.4 | 1800.3 | 1871.6 | 1913.4 |
| 60° | 478.4 | 507.8 | 579.1 | 692.4 | 868.6 | 1049.1 | 1208.5 | 1359.7 | 1460.4 | 1519.1 | 1561.1 |
| 62.5° | 360.8 | 394.5 | 444.8 | 541.3 | 675.5 | 822.5 | 956.7 | 1070.0 | 1154.0 | 1191.8 | 1221.1 |
| 65° | 247.5 | 272.7 | 310.6 | 386.0 | 499.3 | 604.2 | 709.2 | 793.1 | 847.7 | 889.7 | 906.4 |
| 67.5° | 184.6 | 201.4 | 222.5 | 281.2 | 360.8 | 444.8 | 516.1 | 574.8 | 633.7 | 650.5 | 679.8 |
| 70° | 138.5 | 151.1 | 172.0 | 214.0 | 260.1 | 318.8 | 377.7 | 411.3 | 453.2 | 482.6 | 491.0 |
| 72.5° | 88.1 | 92.2 | 113.3 | 138.5 | 176.2 | 214.0 | 251.8 | 281.2 | 306.4 | 323.2 | 331.5 |
| 75° | 50.4 | 75.5 | 75.5 | 100.7 | 125.9 | 142.7 | 167.9 | 188.8 | 201.4 | 214.0 | 214.0 |
| 77.5° | 33.5 | 46.1 | 50.4 | 62.9 | 75.5 | 96.6 | 117.5 | 130.1 | 142.7 | 146.8 | 146.8 |
| 80° | 29.4 | 33.5 | 33.5 | 46.1 | 54.6 | 71.3 | 83.9 | 88.1 | 96.6 | 100.7 | 109.2 |
| 82.5° | 12.6 | 16.8 | 20.9 | 33.5 | 37.8 | 37.8 | 50.4 | 54.6 | 62.9 | 67.2 | 67.2 |
| 85° | 4.1 | 8.5 | 8.5 | 12.6 | 20.9 | 25.2 | 29.4 | 33.5 | 37.8 | 37.8 | 42.0 |
| 87.5° | 4.1 | 4.1 | 0.0 | 4.1 | 8.5 | 8.5 | 16.8 | 16.8 | 16.8 | 25.2 | 25.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248620

CATALOG NUMBER: LSR8B150D010 EC8B150940 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 | 8593.9 |
| 2.5° | 8518.5 | 8522.6 | 8505.9 | 8501.7 | 8493.2 | 8497.4 | 8505.9 |
| 5° | 8363.2 | 8367.3 | 8350.6 | 8333.8 | 8333.8 | 8329.5 | 8333.8 |
| 7.5° | 8216.2 | 8220.5 | 8195.3 | 8186.8 | 8170.1 | 8174.4 | 8174.4 |
| 10° | 8069.4 | 8069.4 | 8031.7 | 8027.4 | 8014.8 | 8010.7 | 8010.7 |
| 12.5° | 7926.7 | 7914.1 | 7884.7 | 7868.0 | 7876.5 | 7851.2 | 7851.2 |
| 15° | 7800.8 | 7779.9 | 7742.1 | 7729.5 | 7708.6 | 7700.1 | 7700.1 |
| 17.5° | 7670.7 | 7654.0 | 7620.5 | 7595.3 | 7570.0 | 7565.9 | 7570.0 |
| 20° | 7544.8 | 7528.1 | 7486.1 | 7469.4 | 7448.5 | 7448.5 | 7440.0 |
| 22.5° | 7418.9 | 7402.2 | 7364.5 | 7351.9 | 7322.5 | 7322.5 | 7326.7 |
| 25° | 7288.9 | 7276.2 | 7234.3 | 7226.0 | 7221.8 | 7204.9 | 7213.4 |
| 27.5° | 7112.7 | 7104.2 | 7070.7 | 7058.1 | 7041.3 | 7037.2 | 7045.5 |
| 30° | 6789.5 | 6776.9 | 6751.9 | 6739.3 | 6709.9 | 6714.0 | 6722.3 |
| 32.5° | 6386.7 | 6370.0 | 6336.3 | 6323.7 | 6298.6 | 6290.2 | 6294.3 |
| 35° | 5883.2 | 5870.6 | 5841.3 | 5841.3 | 5816.1 | 5807.6 | 5816.1 |
| 37.5° | 5371.3 | 5383.7 | 5371.3 | 5383.7 | 5371.3 | 5367.0 | 5371.3 |
| 40° | 4888.7 | 4934.8 | 4943.1 | 4989.4 | 4972.7 | 4997.7 | 4993.6 |
| 42.5° | 4427.0 | 4502.5 | 4532.0 | 4569.7 | 4561.4 | 4578.2 | 4590.8 |
| 45° | 3961.2 | 4024.2 | 4053.6 | 4078.8 | 4083.0 | 4091.4 | 4095.6 |
| 47.5° | 3520.6 | 3571.0 | 3575.2 | 3604.5 | 3600.4 | 3600.4 | 3613.0 |
| 50° | 3109.5 | 3143.0 | 3151.3 | 3172.4 | 3155.6 | 3147.2 | 3151.3 |
| 52.5° | 2727.6 | 2761.1 | 2752.7 | 2761.1 | 2740.2 | 2731.8 | 2735.9 |
| 55° | 2337.3 | 2354.0 | 2354.0 | 2354.0 | 2329.0 | 2329.0 | 2329.0 |
| 57.5° | 1938.6 | 1942.9 | 1934.5 | 1938.6 | 1934.5 | 1909.3 | 1905.1 |
| 60° | 1573.7 | 1573.7 | 1569.3 | 1573.7 | 1561.1 | 1548.5 | 1548.5 |
| 62.5° | 1229.4 | 1237.9 | 1254.7 | 1237.9 | 1229.4 | 1237.9 | 1225.3 |
| 65° | 919.1 | 935.8 | 931.5 | 940.0 | 935.8 | 935.8 | 927.3 |
| 67.5° | 692.4 | 696.6 | 700.7 | 705.1 | 705.1 | 705.1 | 705.1 |
| 70° | 507.8 | 520.4 | 516.1 | 516.1 | 516.1 | 516.1 | 541.3 |
| 72.5° | 339.9 | 356.7 | 352.5 | 360.8 | 360.8 | 369.3 | 360.8 |
| 75° | 230.8 | 247.5 | 239.2 | 251.8 | 247.5 | 239.2 | 260.1 |
| 77.5° | 155.3 | 163.7 | 167.9 | 172.0 | 167.9 | 163.7 | 167.9 |
| 80° | 109.2 | 117.5 | 113.3 | 117.5 | 117.5 | 117.5 | 121.8 |
| 82.5° | 67.2 | 79.8 | 75.5 | 79.8 | 75.5 | 79.8 | 79.8 |
| 85° | 46.1 | 50.4 | 42.0 | 50.4 | 46.1 | 46.1 | 54.6 |
| 87.5° | 29.4 | 25.2 | 25.2 | 29.4 | 25.2 | 29.4 | 25.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)