

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: P248683

Luminaire Tested: **LSR8B150D010 EC8B150840 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248683
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 EC8B150840 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 4000 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16004.0 lumens
Efficiency: N/A
Efficacy: 101.0 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

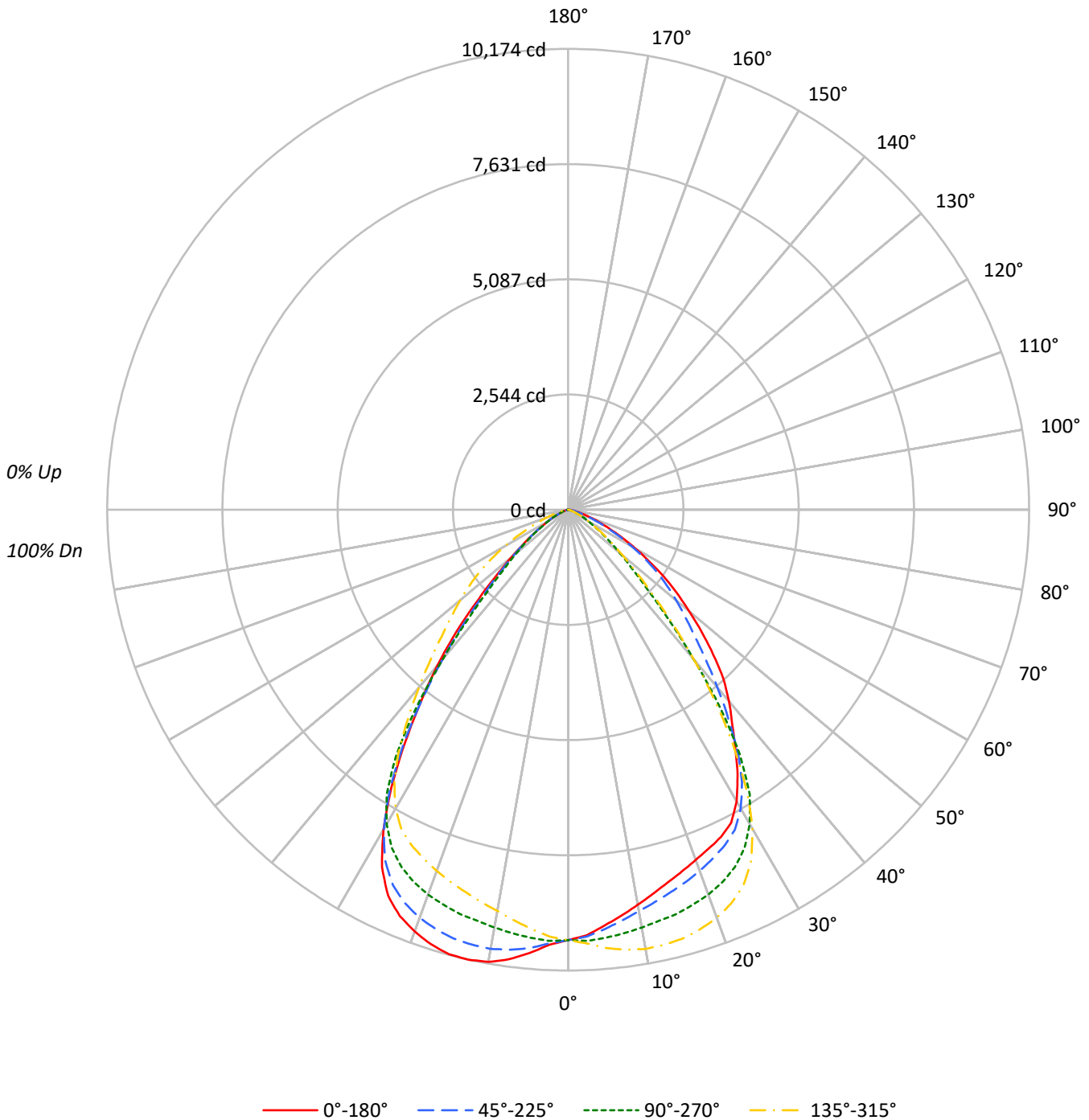
Input Watts (W): 158.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248683

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Luminous Intensity Polar Plot





TEST NUMBER: P248683

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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 | 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° | 292979 | 292979 | 292979 | 292979 |
| 5° | 285196 | 293665 | 304152 | 293665 |
| 10° | 277305 | 293281 | 317397 | 293281 |
| 15° | 271767 | 295023 | 324346 | 295023 |
| 20° | 269916 | 296710 | 325177 | 296710 |
| 25° | 271335 | 296115 | 319953 | 296115 |
| 30° | 264625 | 285274 | 290401 | 285274 |
| 35° | 242052 | 248858 | 236112 | 248858 |
| 40° | 222226 | 173112 | 180772 | 173112 |
| 45° | 197458 | 105608 | 122193 | 105608 |
| 50° | 167132 | 70544 | 78340 | 70544 |
| 55° | 138425 | 48138 | 50880 | 48138 |
| 60° | 105577 | 32045 | 32329 | 32045 |
| 65° | 74804 | 19963 | 18278 | 19963 |
| 70° | 53951 | 13380 | 12135 | 13380 |
| 75° | 34265 | 6648 | 5528 | 6648 |
| 80° | 23902 | 4954 | 4102 | 4954 |
| 85° | 21335 | 0 | 1628 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 904.3 | 5.7 |
| 10°-20° | 2618.7 | 16.4 |
| 20°-30° | 3965.3 | 24.8 |
| 30°-40° | 3974.2 | 24.8 |
| 40°-50° | 2495.6 | 15.6 |
| 50°-60° | 1329.9 | 8.3 |
| 60°-70° | 546.9 | 3.4 |
| 70°-80° | 144.5 | 0.9 |
| 80°-90° | 24.4 | 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° | 7488.4 | 46.8 |
| 0°-40° | 11462.7 | 71.6 |
| 0°-60° | 15288.2 | 95.5 |
| 0°-90° | 16004.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 16004.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|-------|------|------|------|
| 0° | 9501 | 9501 | 9501 | 9501 | 9501 | |
| 5° | 9214 | 9487 | 9826 | 9487 | 9214 | 869 |
| 15° | 8513 | 9241 | 10160 | 9241 | 8513 | 2408 |
| 25° | 7975 | 8703 | 9404 | 8703 | 7975 | 3658 |
| 35° | 6430 | 6611 | 6272 | 6611 | 6430 | 4028 |
| 45° | 4528 | 2422 | 2802 | 2422 | 4528 | 3482 |
| 55° | 2575 | 895 | 946 | 895 | 2575 | 2296 |
| 65° | 1025 | 274 | 250 | 274 | 1025 | 1063 |
| 75° | 288 | 56 | 46 | 56 | 288 | 326 |
| 85° | 60 | 0 | 5 | 0 | 60 | 66 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9403.7 | 9394.3 | 9389.7 | 9399.1 | 9403.7 | 9422.2 | 9417.6 | 9426.8 | 9426.8 | 9431.6 | 9440.7 |
| 5° | 9213.5 | 9208.7 | 9213.5 | 9213.5 | 9232.0 | 9250.5 | 9246.0 | 9259.9 | 9269.1 | 9292.4 | 9301.5 |
| 7.5° | 9037.2 | 9037.2 | 9032.5 | 9051.0 | 9060.3 | 9088.2 | 9083.5 | 9106.7 | 9120.7 | 9143.8 | 9176.3 |
| 10° | 8856.2 | 8856.2 | 8860.8 | 8874.7 | 8879.5 | 8921.1 | 8921.1 | 8953.6 | 8972.1 | 8995.4 | 9037.2 |
| 12.5° | 8680.0 | 8680.0 | 8707.8 | 8698.5 | 8717.0 | 8749.5 | 8763.4 | 8795.9 | 8823.8 | 8870.2 | 8912.0 |
| 15° | 8512.9 | 8512.9 | 8522.2 | 8545.3 | 8559.3 | 8601.1 | 8624.2 | 8661.4 | 8693.9 | 8740.3 | 8800.7 |
| 17.5° | 8369.1 | 8364.5 | 8369.1 | 8397.0 | 8424.9 | 8461.9 | 8480.4 | 8526.8 | 8559.3 | 8619.6 | 8675.4 |
| 20° | 8225.3 | 8234.7 | 8234.7 | 8257.8 | 8276.3 | 8322.7 | 8341.2 | 8392.4 | 8429.4 | 8485.0 | 8550.1 |
| 22.5° | 8100.0 | 8095.5 | 8095.5 | 8127.9 | 8141.9 | 8183.5 | 8202.0 | 8248.4 | 8290.2 | 8336.6 | 8397.0 |
| 25° | 7974.8 | 7965.4 | 7984.1 | 7988.7 | 7997.9 | 8044.3 | 8058.2 | 8090.7 | 8132.5 | 8174.3 | 8234.7 |
| 27.5° | 7789.2 | 7780.0 | 7784.6 | 7803.1 | 7817.1 | 7854.1 | 7863.5 | 7895.9 | 7928.4 | 7965.4 | 8016.6 |
| 30° | 7431.9 | 7422.7 | 7418.2 | 7450.6 | 7464.6 | 7492.2 | 7506.2 | 7561.9 | 7571.1 | 7612.9 | 7650.0 |
| 32.5° | 6958.7 | 6954.1 | 6963.5 | 6991.2 | 7005.1 | 7042.4 | 7060.9 | 7093.3 | 7116.4 | 7139.7 | 7176.8 |
| 35° | 6430.0 | 6420.6 | 6430.0 | 6457.8 | 6457.8 | 6490.3 | 6504.2 | 6518.0 | 6513.4 | 6518.0 | 6508.8 |
| 37.5° | 5938.3 | 5933.5 | 5938.3 | 5952.0 | 5938.3 | 5952.0 | 5938.3 | 5910.4 | 5859.4 | 5803.6 | 5747.9 |
| 40° | 5520.6 | 5525.2 | 5497.5 | 5516.1 | 5464.9 | 5455.7 | 5404.7 | 5335.0 | 5233.1 | 5121.7 | 4964.0 |
| 42.5° | 5075.3 | 5061.4 | 5042.9 | 5052.0 | 5010.4 | 4977.8 | 4894.3 | 4806.3 | 4676.3 | 4490.8 | 4300.5 |
| 45° | 4527.9 | 4523.3 | 4513.9 | 4509.4 | 4481.5 | 4449.0 | 4379.3 | 4277.4 | 4133.6 | 3943.4 | 3715.9 |
| 47.5° | 3994.4 | 3980.4 | 3980.4 | 3985.0 | 3952.5 | 3948.0 | 3892.2 | 3804.2 | 3678.9 | 3493.3 | 3256.7 |
| 50° | 3483.9 | 3479.4 | 3488.7 | 3507.2 | 3483.9 | 3474.8 | 3437.7 | 3377.4 | 3266.1 | 3108.3 | 2885.5 |
| 52.5° | 3024.7 | 3020.1 | 3029.5 | 3052.6 | 3043.2 | 3052.6 | 3015.5 | 2969.1 | 2894.9 | 2741.7 | 2546.9 |
| 55° | 2574.8 | 2574.8 | 2574.8 | 2602.5 | 2602.5 | 2602.5 | 2584.0 | 2556.3 | 2486.6 | 2375.3 | 2194.4 |
| 57.5° | 2106.2 | 2110.8 | 2138.7 | 2143.3 | 2138.7 | 2148.0 | 2143.3 | 2115.4 | 2069.2 | 1990.3 | 1851.1 |
| 60° | 1711.9 | 1711.9 | 1725.8 | 1739.8 | 1735.0 | 1739.8 | 1739.8 | 1725.8 | 1679.4 | 1614.5 | 1503.2 |
| 62.5° | 1354.6 | 1368.6 | 1359.2 | 1368.6 | 1387.1 | 1368.6 | 1359.2 | 1350.0 | 1317.6 | 1275.8 | 1183.0 |
| 65° | 1025.2 | 1034.6 | 1034.6 | 1039.2 | 1029.8 | 1034.6 | 1016.1 | 1002.1 | 983.6 | 937.2 | 876.9 |
| 67.5° | 779.5 | 779.5 | 779.5 | 779.5 | 774.7 | 770.1 | 765.5 | 751.6 | 719.1 | 700.6 | 635.5 |
| 70° | 598.4 | 570.6 | 570.6 | 570.6 | 570.6 | 575.3 | 561.4 | 542.9 | 533.5 | 501.1 | 454.7 |
| 72.5° | 398.9 | 408.3 | 398.9 | 398.9 | 389.7 | 394.3 | 375.8 | 366.4 | 357.3 | 338.8 | 310.9 |
| 75° | 287.6 | 264.5 | 273.6 | 278.4 | 264.5 | 273.6 | 255.1 | 236.6 | 236.6 | 222.7 | 208.7 |
| 77.5° | 185.6 | 181.0 | 185.6 | 190.2 | 185.6 | 181.0 | 171.7 | 162.3 | 162.3 | 157.7 | 143.8 |
| 80° | 134.6 | 129.8 | 129.8 | 129.8 | 125.3 | 129.8 | 120.7 | 120.7 | 111.3 | 106.7 | 97.4 |
| 82.5° | 88.2 | 88.2 | 83.4 | 88.2 | 83.4 | 88.2 | 74.3 | 74.3 | 74.3 | 69.5 | 60.3 |
| 85° | 60.3 | 51.0 | 51.0 | 55.8 | 46.4 | 55.8 | 51.0 | 46.4 | 41.8 | 41.8 | 37.0 |
| 87.5° | 27.9 | 32.5 | 27.9 | 32.5 | 27.9 | 27.9 | 32.5 | 27.9 | 27.9 | 18.5 | 18.5 |
| 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: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9454.7 | 9459.2 | 9459.2 | 9478.0 | 9487.1 | 9491.7 | 9491.7 | 9528.9 | 9515.0 | 9524.4 | 9533.5 |
| 5° | 9320.2 | 9347.9 | 9357.3 | 9357.3 | 9408.3 | 9426.8 | 9445.3 | 9487.1 | 9491.7 | 9519.6 | 9552.1 |
| 7.5° | 9190.2 | 9222.7 | 9241.4 | 9283.0 | 9315.5 | 9347.9 | 9403.7 | 9431.6 | 9459.2 | 9496.5 | 9538.1 |
| 10° | 9064.9 | 9102.2 | 9139.2 | 9171.7 | 9222.7 | 9264.5 | 9301.5 | 9366.4 | 9399.1 | 9450.1 | 9505.7 |
| 12.5° | 8944.4 | 8995.4 | 9027.9 | 9083.5 | 9139.2 | 9176.3 | 9232.0 | 9292.4 | 9343.3 | 9394.3 | 9459.2 |
| 15° | 8837.7 | 8898.0 | 8935.1 | 8995.4 | 9055.8 | 9106.7 | 9167.1 | 9241.4 | 9278.4 | 9338.8 | 9399.1 |
| 17.5° | 8721.6 | 8786.7 | 8833.1 | 8888.7 | 8963.0 | 9018.5 | 9069.7 | 9143.8 | 9190.2 | 9255.1 | 9324.8 |
| 20° | 8601.1 | 8666.0 | 8721.6 | 8777.4 | 8851.6 | 8907.2 | 8967.5 | 9041.8 | 9092.8 | 9157.7 | 9213.5 |
| 22.5° | 8457.3 | 8517.7 | 8577.8 | 8642.7 | 8717.0 | 8763.4 | 8833.1 | 8898.0 | 8953.6 | 9013.9 | 9069.7 |
| 25° | 8271.7 | 8346.0 | 8392.4 | 8452.5 | 8512.9 | 8563.9 | 8638.2 | 8703.1 | 8749.5 | 8805.2 | 8856.2 |
| 27.5° | 8053.6 | 8109.4 | 8146.4 | 8197.4 | 8257.8 | 8304.2 | 8359.7 | 8424.9 | 8471.3 | 8522.2 | 8559.3 |
| 30° | 7682.4 | 7733.6 | 7766.1 | 7803.1 | 7863.5 | 7905.3 | 7951.7 | 8011.8 | 8044.3 | 8081.5 | 8114.0 |
| 32.5° | 7195.3 | 7237.1 | 7255.6 | 7283.5 | 7325.3 | 7367.0 | 7404.2 | 7455.2 | 7469.1 | 7492.2 | 7492.2 |
| 35° | 6490.3 | 6499.5 | 6494.9 | 6504.2 | 6522.8 | 6545.9 | 6578.3 | 6610.8 | 6629.3 | 6629.3 | 6615.6 |
| 37.5° | 5664.4 | 5608.9 | 5548.5 | 5502.1 | 5488.2 | 5478.8 | 5497.5 | 5511.3 | 5530.0 | 5539.2 | 5516.1 |
| 40° | 4806.3 | 4681.0 | 4546.4 | 4425.7 | 4342.3 | 4305.2 | 4291.3 | 4300.5 | 4300.5 | 4332.9 | 4332.9 |
| 42.5° | 4068.6 | 3873.7 | 3674.3 | 3493.3 | 3372.6 | 3280.0 | 3238.2 | 3238.2 | 3242.8 | 3266.1 | 3280.0 |
| 45° | 3456.3 | 3210.3 | 2978.3 | 2778.9 | 2611.9 | 2491.2 | 2435.6 | 2421.7 | 2417.1 | 2426.3 | 2458.7 |
| 47.5° | 2987.7 | 2732.5 | 2491.2 | 2245.4 | 2069.2 | 1948.5 | 1897.5 | 1878.8 | 1860.3 | 1878.8 | 1883.6 |
| 50° | 2621.2 | 2356.7 | 2101.6 | 1855.7 | 1670.1 | 1563.3 | 1498.4 | 1470.5 | 1465.9 | 1465.9 | 1475.3 |
| 52.5° | 2287.0 | 2041.3 | 1786.2 | 1535.6 | 1340.7 | 1238.7 | 1178.4 | 1164.4 | 1145.9 | 1164.4 | 1164.4 |
| 55° | 1971.6 | 1725.8 | 1475.3 | 1238.7 | 1076.2 | 969.7 | 913.9 | 895.4 | 886.0 | 900.0 | 900.0 |
| 57.5° | 1628.4 | 1419.5 | 1187.7 | 974.2 | 811.9 | 737.7 | 695.8 | 672.7 | 668.0 | 677.3 | 668.0 |
| 60° | 1336.1 | 1159.8 | 960.3 | 765.5 | 640.3 | 561.4 | 528.9 | 519.6 | 510.2 | 519.6 | 519.6 |
| 62.5° | 1057.7 | 909.3 | 746.8 | 598.4 | 491.7 | 436.1 | 398.9 | 398.9 | 394.3 | 394.3 | 398.9 |
| 65° | 784.1 | 668.0 | 552.0 | 426.8 | 343.3 | 301.5 | 273.6 | 273.6 | 269.1 | 273.6 | 269.1 |
| 67.5° | 570.6 | 491.7 | 398.9 | 310.9 | 245.9 | 222.7 | 204.1 | 190.2 | 199.5 | 190.2 | 185.6 |
| 70° | 417.6 | 352.5 | 287.6 | 236.6 | 190.2 | 167.1 | 153.1 | 148.4 | 139.2 | 139.2 | 139.2 |
| 72.5° | 278.4 | 236.6 | 194.8 | 153.1 | 125.3 | 102.0 | 97.4 | 88.2 | 78.9 | 83.4 | 92.8 |
| 75° | 185.6 | 157.7 | 139.2 | 111.3 | 83.4 | 83.4 | 55.8 | 55.8 | 46.4 | 55.8 | 41.8 |
| 77.5° | 129.8 | 106.7 | 83.4 | 69.5 | 55.8 | 51.0 | 37.0 | 37.0 | 32.5 | 32.5 | 32.5 |
| 80° | 92.8 | 78.9 | 60.3 | 51.0 | 37.0 | 37.0 | 32.5 | 27.9 | 23.1 | 23.1 | 27.9 |
| 82.5° | 55.8 | 41.8 | 41.8 | 37.0 | 23.1 | 18.5 | 13.9 | 18.5 | 9.4 | 9.4 | 9.4 |
| 85° | 32.5 | 27.9 | 23.1 | 13.9 | 9.4 | 9.4 | 4.6 | 0.0 | 4.6 | 4.6 | 0.0 |
| 87.5° | 18.5 | 9.4 | 9.4 | 4.6 | 0.0 | 4.6 | 4.6 | 0.0 | 0.0 | 0.0 | 9.4 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9556.8 | 9552.1 | 9561.4 | 9561.4 | 9589.3 | 9584.5 | 9598.5 | 9598.5 | 9589.3 | 9593.9 | 9612.4 |
| 5° | 9589.3 | 9603.2 | 9630.9 | 9654.2 | 9695.8 | 9714.6 | 9737.7 | 9761.0 | 9765.5 | 9779.5 | 9793.4 |
| 7.5° | 9589.3 | 9635.7 | 9668.2 | 9709.8 | 9765.5 | 9798.0 | 9849.0 | 9890.8 | 9909.3 | 9932.4 | 9960.3 |
| 10° | 9570.6 | 9617.0 | 9677.3 | 9723.7 | 9793.4 | 9844.4 | 9895.4 | 9960.3 | 9988.2 | 10025.2 | 10062.5 |
| 12.5° | 9533.5 | 9584.5 | 9649.4 | 9709.8 | 9788.6 | 9835.0 | 9900.0 | 9960.3 | 10002.1 | 10053.1 | 10094.9 |
| 15° | 9478.0 | 9538.1 | 9598.5 | 9658.8 | 9742.2 | 9798.0 | 9858.3 | 9927.8 | 9969.7 | 10025.2 | 10062.5 |
| 17.5° | 9389.7 | 9454.7 | 9510.4 | 9566.0 | 9644.9 | 9709.8 | 9765.5 | 9830.5 | 9872.3 | 9918.7 | 9969.7 |
| 20° | 9283.0 | 9343.3 | 9403.7 | 9450.1 | 9528.9 | 9584.5 | 9644.9 | 9705.2 | 9737.7 | 9747.0 | 9825.9 |
| 22.5° | 9148.6 | 9190.2 | 9236.6 | 9310.9 | 9357.3 | 9408.3 | 9464.0 | 9519.6 | 9552.1 | 9603.2 | 9630.9 |
| 25° | 8925.7 | 8967.5 | 9018.5 | 9051.0 | 9106.7 | 9148.6 | 9204.1 | 9264.5 | 9283.0 | 9320.2 | 9347.9 |
| 27.5° | 8615.0 | 8638.2 | 8661.4 | 8689.1 | 8721.6 | 8744.9 | 8777.4 | 8805.2 | 8823.8 | 8842.3 | 8860.8 |
| 30° | 8123.1 | 8123.1 | 8123.1 | 8104.6 | 8118.6 | 8132.5 | 8137.1 | 8132.5 | 8132.5 | 8127.9 | 8127.9 |
| 32.5° | 7473.7 | 7436.7 | 7394.9 | 7357.8 | 7343.9 | 7325.3 | 7316.0 | 7302.1 | 7278.9 | 7265.0 | 7269.6 |
| 35° | 6596.9 | 6513.4 | 6462.4 | 6416.0 | 6379.0 | 6351.1 | 6337.2 | 6323.2 | 6318.6 | 6300.1 | 6281.4 |
| 37.5° | 5502.1 | 5441.8 | 5404.7 | 5376.9 | 5344.4 | 5316.5 | 5321.1 | 5325.9 | 5339.6 | 5330.5 | 5335.0 |
| 40° | 4342.3 | 4328.3 | 4342.3 | 4309.8 | 4300.5 | 4309.8 | 4332.9 | 4365.6 | 4384.1 | 4402.6 | 4435.1 |
| 42.5° | 3303.1 | 3326.2 | 3358.9 | 3358.9 | 3372.6 | 3391.3 | 3419.0 | 3470.2 | 3497.9 | 3530.3 | 3567.6 |
| 45° | 2486.6 | 2514.5 | 2556.3 | 2570.0 | 2579.4 | 2602.5 | 2635.2 | 2676.8 | 2695.3 | 2723.2 | 2755.6 |
| 47.5° | 1916.0 | 1934.5 | 1957.7 | 1980.9 | 2004.1 | 2013.4 | 2045.9 | 2045.9 | 2069.2 | 2087.7 | 2096.9 |
| 50° | 1493.8 | 1512.3 | 1530.9 | 1544.8 | 1554.2 | 1568.1 | 1577.3 | 1591.2 | 1595.8 | 1605.2 | 1609.7 |
| 52.5° | 1169.0 | 1192.3 | 1192.3 | 1201.5 | 1215.4 | 1229.4 | 1224.8 | 1229.4 | 1233.9 | 1233.9 | 1247.9 |
| 55° | 913.9 | 913.9 | 927.8 | 927.8 | 937.2 | 932.4 | 937.2 | 937.2 | 937.2 | 937.2 | 941.8 |
| 57.5° | 681.9 | 686.7 | 700.6 | 691.3 | 686.7 | 695.8 | 686.7 | 695.8 | 691.3 | 700.6 | 686.7 |
| 60° | 524.2 | 524.2 | 528.9 | 528.9 | 533.5 | 533.5 | 533.5 | 528.9 | 528.9 | 524.2 | 524.2 |
| 62.5° | 394.3 | 398.9 | 403.7 | 398.9 | 398.9 | 398.9 | 394.3 | 394.3 | 389.7 | 385.0 | 385.0 |
| 65° | 264.5 | 259.9 | 269.1 | 259.9 | 264.5 | 264.5 | 259.9 | 264.5 | 250.5 | 255.1 | 250.5 |
| 67.5° | 190.2 | 185.6 | 181.0 | 185.6 | 181.0 | 176.2 | 176.2 | 181.0 | 185.6 | 171.7 | 171.7 |
| 70° | 125.3 | 129.8 | 125.3 | 129.8 | 134.6 | 134.6 | 129.8 | 125.3 | 129.8 | 120.7 | 125.3 |
| 72.5° | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 83.4 | 83.4 | 83.4 | 74.3 | 74.3 | 69.5 |
| 75° | 37.0 | 51.0 | 41.8 | 37.0 | 51.0 | 51.0 | 46.4 | 46.4 | 41.8 | 41.8 | 41.8 |
| 77.5° | 37.0 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 23.1 | 27.9 | 23.1 |
| 80° | 18.5 | 18.5 | 18.5 | 13.9 | 18.5 | 18.5 | 23.1 | 18.5 | 18.5 | 13.9 | 23.1 |
| 82.5° | 9.4 | 9.4 | 9.4 | 0.0 | 4.6 | 9.4 | 9.4 | 4.6 | 9.4 | 9.4 | 4.6 |
| 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: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9607.8 | 9603.2 | 9607.8 | 9612.4 | 9607.8 | 9603.2 | 9607.8 | 9612.4 | 9593.9 | 9589.3 | 9598.5 |
| 5° | 9811.9 | 9811.9 | 9821.1 | 9825.9 | 9821.1 | 9811.9 | 9811.9 | 9793.4 | 9779.5 | 9765.5 | 9761.0 |
| 7.5° | 9988.2 | 9997.5 | 10006.7 | 10011.3 | 10006.7 | 9997.5 | 9988.2 | 9960.3 | 9932.4 | 9909.3 | 9890.8 |
| 10° | 10094.9 | 10108.9 | 10127.4 | 10136.6 | 10127.4 | 10108.9 | 10094.9 | 10062.5 | 10025.2 | 9988.2 | 9960.3 |
| 12.5° | 10141.3 | 10155.3 | 10178.4 | 10173.8 | 10178.4 | 10155.3 | 10141.3 | 10094.9 | 10053.1 | 10002.1 | 9960.3 |
| 15° | 10108.9 | 10127.4 | 10150.5 | 10159.9 | 10150.5 | 10127.4 | 10108.9 | 10062.5 | 10025.2 | 9969.7 | 9927.8 |
| 17.5° | 10006.7 | 10034.6 | 10048.5 | 10062.5 | 10048.5 | 10034.6 | 10006.7 | 9969.7 | 9918.7 | 9872.3 | 9830.5 |
| 20° | 9867.5 | 9886.2 | 9904.7 | 9909.3 | 9904.7 | 9886.2 | 9867.5 | 9825.9 | 9747.0 | 9737.7 | 9705.2 |
| 22.5° | 9668.2 | 9682.1 | 9723.7 | 9709.8 | 9723.7 | 9682.1 | 9668.2 | 9630.9 | 9603.2 | 9552.1 | 9519.6 |
| 25° | 9380.4 | 9394.3 | 9399.1 | 9403.7 | 9399.1 | 9394.3 | 9380.4 | 9347.9 | 9320.2 | 9283.0 | 9264.5 |
| 27.5° | 8884.1 | 8884.1 | 8893.3 | 8898.0 | 8893.3 | 8884.1 | 8884.1 | 8860.8 | 8842.3 | 8823.8 | 8805.2 |
| 30° | 8132.5 | 8132.5 | 8132.5 | 8155.8 | 8132.5 | 8132.5 | 8132.5 | 8127.9 | 8127.9 | 8132.5 | 8132.5 |
| 32.5° | 7265.0 | 7255.6 | 7246.5 | 7255.6 | 7246.5 | 7255.6 | 7265.0 | 7269.6 | 7265.0 | 7278.9 | 7302.1 |
| 35° | 6281.4 | 6276.8 | 6290.8 | 6272.2 | 6290.8 | 6276.8 | 6281.4 | 6281.4 | 6300.1 | 6318.6 | 6323.2 |
| 37.5° | 5339.6 | 5330.5 | 5349.0 | 5330.5 | 5349.0 | 5330.5 | 5339.6 | 5335.0 | 5330.5 | 5339.6 | 5325.9 |
| 40° | 4444.4 | 4453.6 | 4453.6 | 4490.8 | 4453.6 | 4453.6 | 4444.4 | 4435.1 | 4402.6 | 4384.1 | 4365.6 |
| 42.5° | 3586.1 | 3614.0 | 3604.6 | 3632.5 | 3604.6 | 3614.0 | 3586.1 | 3567.6 | 3530.3 | 3497.9 | 3470.2 |
| 45° | 2774.2 | 2792.9 | 2792.9 | 2802.0 | 2792.9 | 2792.9 | 2774.2 | 2755.6 | 2723.2 | 2695.3 | 2676.8 |
| 47.5° | 2129.3 | 2129.3 | 2129.3 | 2134.1 | 2129.3 | 2129.3 | 2129.3 | 2096.9 | 2087.7 | 2069.2 | 2045.9 |
| 50° | 1619.1 | 1623.7 | 1628.4 | 1633.0 | 1628.4 | 1623.7 | 1619.1 | 1609.7 | 1605.2 | 1595.8 | 1591.2 |
| 52.5° | 1243.3 | 1247.9 | 1238.7 | 1247.9 | 1238.7 | 1247.9 | 1243.3 | 1247.9 | 1233.9 | 1233.9 | 1229.4 |
| 55° | 941.8 | 937.2 | 941.8 | 946.4 | 941.8 | 937.2 | 941.8 | 941.8 | 937.2 | 937.2 | 937.2 |
| 57.5° | 691.3 | 681.9 | 681.9 | 681.9 | 681.9 | 681.9 | 691.3 | 686.7 | 700.6 | 691.3 | 695.8 |
| 60° | 515.0 | 519.6 | 519.6 | 524.2 | 519.6 | 519.6 | 515.0 | 524.2 | 524.2 | 528.9 | 528.9 |
| 62.5° | 380.4 | 394.3 | 385.0 | 394.3 | 385.0 | 394.3 | 380.4 | 385.0 | 385.0 | 389.7 | 394.3 |
| 65° | 245.9 | 245.9 | 245.9 | 250.5 | 245.9 | 245.9 | 245.9 | 250.5 | 255.1 | 250.5 | 264.5 |
| 67.5° | 167.1 | 171.7 | 181.0 | 176.2 | 181.0 | 171.7 | 167.1 | 171.7 | 171.7 | 185.6 | 181.0 |
| 70° | 134.6 | 120.7 | 120.7 | 134.6 | 120.7 | 120.7 | 134.6 | 125.3 | 120.7 | 129.8 | 125.3 |
| 72.5° | 78.9 | 69.5 | 78.9 | 78.9 | 78.9 | 69.5 | 78.9 | 69.5 | 74.3 | 74.3 | 83.4 |
| 75° | 41.8 | 37.0 | 32.5 | 46.4 | 32.5 | 37.0 | 41.8 | 41.8 | 41.8 | 41.8 | 46.4 |
| 77.5° | 27.9 | 23.1 | 32.5 | 32.5 | 32.5 | 23.1 | 27.9 | 23.1 | 27.9 | 23.1 | 27.9 |
| 80° | 13.9 | 18.5 | 13.9 | 23.1 | 13.9 | 18.5 | 13.9 | 23.1 | 13.9 | 18.5 | 18.5 |
| 82.5° | 4.6 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 4.6 | 4.6 | 9.4 | 9.4 | 4.6 |
| 85° | 0.0 | 9.4 | 4.6 | 4.6 | 4.6 | 9.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.6 | 0.0 | 0.0 | 4.6 | 0.0 | 0.0 | 4.6 | 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: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9598.5 | 9584.5 | 9589.3 | 9561.4 | 9561.4 | 9552.1 | 9556.8 | 9533.5 | 9524.4 | 9515.0 | 9528.9 |
| 5° | 9737.7 | 9714.6 | 9695.8 | 9654.2 | 9630.9 | 9603.2 | 9589.3 | 9552.1 | 9519.6 | 9491.7 | 9487.1 |
| 7.5° | 9849.0 | 9798.0 | 9765.5 | 9709.8 | 9668.2 | 9635.7 | 9589.3 | 9538.1 | 9496.5 | 9459.2 | 9431.6 |
| 10° | 9895.4 | 9844.4 | 9793.4 | 9723.7 | 9677.3 | 9617.0 | 9570.6 | 9505.7 | 9450.1 | 9399.1 | 9366.4 |
| 12.5° | 9900.0 | 9835.0 | 9788.6 | 9709.8 | 9649.4 | 9584.5 | 9533.5 | 9459.2 | 9394.3 | 9343.3 | 9292.4 |
| 15° | 9858.3 | 9798.0 | 9742.2 | 9658.8 | 9598.5 | 9538.1 | 9478.0 | 9399.1 | 9338.8 | 9278.4 | 9241.4 |
| 17.5° | 9765.5 | 9709.8 | 9644.9 | 9566.0 | 9510.4 | 9454.7 | 9389.7 | 9324.8 | 9255.1 | 9190.2 | 9143.8 |
| 20° | 9644.9 | 9584.5 | 9528.9 | 9450.1 | 9403.7 | 9343.3 | 9283.0 | 9213.5 | 9157.7 | 9092.8 | 9041.8 |
| 22.5° | 9464.0 | 9408.3 | 9357.3 | 9310.9 | 9236.6 | 9190.2 | 9148.6 | 9069.7 | 9013.9 | 8953.6 | 8898.0 |
| 25° | 9204.1 | 9148.6 | 9106.7 | 9051.0 | 9018.5 | 8967.5 | 8925.7 | 8856.2 | 8805.2 | 8749.5 | 8703.1 |
| 27.5° | 8777.4 | 8744.9 | 8721.6 | 8689.1 | 8661.4 | 8638.2 | 8615.0 | 8559.3 | 8522.2 | 8471.3 | 8424.9 |
| 30° | 8137.1 | 8132.5 | 8118.6 | 8104.6 | 8123.1 | 8123.1 | 8123.1 | 8114.0 | 8081.5 | 8044.3 | 8011.8 |
| 32.5° | 7316.0 | 7325.3 | 7343.9 | 7357.8 | 7394.9 | 7436.7 | 7473.7 | 7492.2 | 7492.2 | 7469.1 | 7455.2 |
| 35° | 6337.2 | 6351.1 | 6379.0 | 6416.0 | 6462.4 | 6513.4 | 6596.9 | 6615.6 | 6629.3 | 6629.3 | 6610.8 |
| 37.5° | 5321.1 | 5316.5 | 5344.4 | 5376.9 | 5404.7 | 5441.8 | 5502.1 | 5516.1 | 5539.2 | 5530.0 | 5511.3 |
| 40° | 4332.9 | 4309.8 | 4300.5 | 4309.8 | 4342.3 | 4328.3 | 4342.3 | 4332.9 | 4332.9 | 4300.5 | 4300.5 |
| 42.5° | 3419.0 | 3391.3 | 3372.6 | 3358.9 | 3358.9 | 3326.2 | 3303.1 | 3280.0 | 3266.1 | 3242.8 | 3238.2 |
| 45° | 2635.2 | 2602.5 | 2579.4 | 2570.0 | 2556.3 | 2514.5 | 2486.6 | 2458.7 | 2426.3 | 2417.1 | 2421.7 |
| 47.5° | 2045.9 | 2013.4 | 2004.1 | 1980.9 | 1957.7 | 1934.5 | 1916.0 | 1883.6 | 1878.8 | 1860.3 | 1878.8 |
| 50° | 1577.3 | 1568.1 | 1554.2 | 1544.8 | 1530.9 | 1512.3 | 1493.8 | 1475.3 | 1465.9 | 1465.9 | 1470.5 |
| 52.5° | 1224.8 | 1229.4 | 1215.4 | 1201.5 | 1192.3 | 1192.3 | 1169.0 | 1164.4 | 1164.4 | 1145.9 | 1164.4 |
| 55° | 937.2 | 932.4 | 937.2 | 927.8 | 927.8 | 913.9 | 913.9 | 900.0 | 900.0 | 886.0 | 895.4 |
| 57.5° | 686.7 | 695.8 | 686.7 | 691.3 | 700.6 | 686.7 | 681.9 | 668.0 | 677.3 | 668.0 | 672.7 |
| 60° | 533.5 | 533.5 | 533.5 | 528.9 | 528.9 | 524.2 | 524.2 | 519.6 | 519.6 | 510.2 | 519.6 |
| 62.5° | 394.3 | 398.9 | 398.9 | 398.9 | 403.7 | 398.9 | 394.3 | 398.9 | 394.3 | 394.3 | 398.9 |
| 65° | 259.9 | 264.5 | 264.5 | 259.9 | 269.1 | 259.9 | 264.5 | 269.1 | 273.6 | 269.1 | 273.6 |
| 67.5° | 176.2 | 176.2 | 181.0 | 185.6 | 181.0 | 185.6 | 190.2 | 185.6 | 190.2 | 199.5 | 190.2 |
| 70° | 129.8 | 134.6 | 134.6 | 129.8 | 125.3 | 129.8 | 125.3 | 139.2 | 139.2 | 139.2 | 148.4 |
| 72.5° | 83.4 | 83.4 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 92.8 | 83.4 | 78.9 | 88.2 |
| 75° | 46.4 | 51.0 | 51.0 | 37.0 | 41.8 | 51.0 | 37.0 | 41.8 | 55.8 | 46.4 | 55.8 |
| 77.5° | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 27.9 | 37.0 | 32.5 | 32.5 | 32.5 | 37.0 |
| 80° | 23.1 | 18.5 | 18.5 | 13.9 | 18.5 | 18.5 | 18.5 | 27.9 | 23.1 | 23.1 | 27.9 |
| 82.5° | 9.4 | 9.4 | 4.6 | 0.0 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 18.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.6 | 4.6 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.4 | 0.0 | 0.0 | 0.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9491.7 | 9491.7 | 9487.1 | 9478.0 | 9459.2 | 9459.2 | 9454.7 | 9440.7 | 9431.6 | 9426.8 | 9426.8 |
| 5° | 9445.3 | 9426.8 | 9408.3 | 9357.3 | 9357.3 | 9347.9 | 9320.2 | 9301.5 | 9292.4 | 9269.1 | 9259.9 |
| 7.5° | 9403.7 | 9347.9 | 9315.5 | 9283.0 | 9241.4 | 9222.7 | 9190.2 | 9176.3 | 9143.8 | 9120.7 | 9106.7 |
| 10° | 9301.5 | 9264.5 | 9222.7 | 9171.7 | 9139.2 | 9102.2 | 9064.9 | 9037.2 | 8995.4 | 8972.1 | 8953.6 |
| 12.5° | 9232.0 | 9176.3 | 9139.2 | 9083.5 | 9027.9 | 8995.4 | 8944.4 | 8912.0 | 8870.2 | 8823.8 | 8795.9 |
| 15° | 9167.1 | 9106.7 | 9055.8 | 8995.4 | 8935.1 | 8898.0 | 8837.7 | 8800.7 | 8740.3 | 8693.9 | 8661.4 |
| 17.5° | 9069.7 | 9018.5 | 8963.0 | 8888.7 | 8833.1 | 8786.7 | 8721.6 | 8675.4 | 8619.6 | 8559.3 | 8526.8 |
| 20° | 8967.5 | 8907.2 | 8851.6 | 8777.4 | 8721.6 | 8666.0 | 8601.1 | 8550.1 | 8485.0 | 8429.4 | 8392.4 |
| 22.5° | 8833.1 | 8763.4 | 8717.0 | 8642.7 | 8577.8 | 8517.7 | 8457.3 | 8397.0 | 8336.6 | 8290.2 | 8248.4 |
| 25° | 8638.2 | 8563.9 | 8512.9 | 8452.5 | 8392.4 | 8346.0 | 8271.7 | 8234.7 | 8174.3 | 8132.5 | 8090.7 |
| 27.5° | 8359.7 | 8304.2 | 8257.8 | 8197.4 | 8146.4 | 8109.4 | 8053.6 | 8016.6 | 7965.4 | 7928.4 | 7895.9 |
| 30° | 7951.7 | 7905.3 | 7863.5 | 7803.1 | 7766.1 | 7733.6 | 7682.4 | 7650.0 | 7612.9 | 7571.1 | 7561.9 |
| 32.5° | 7404.2 | 7367.0 | 7325.3 | 7283.5 | 7255.6 | 7237.1 | 7195.3 | 7176.8 | 7139.7 | 7116.4 | 7093.3 |
| 35° | 6578.3 | 6545.9 | 6522.8 | 6504.2 | 6494.9 | 6499.5 | 6490.3 | 6508.8 | 6518.0 | 6513.4 | 6518.0 |
| 37.5° | 5497.5 | 5478.8 | 5488.2 | 5502.1 | 5548.5 | 5608.9 | 5664.4 | 5747.9 | 5803.6 | 5859.4 | 5910.4 |
| 40° | 4291.3 | 4305.2 | 4342.3 | 4425.7 | 4546.4 | 4681.0 | 4806.3 | 4964.0 | 5121.7 | 5233.1 | 5335.0 |
| 42.5° | 3238.2 | 3280.0 | 3372.6 | 3493.3 | 3674.3 | 3873.7 | 4068.6 | 4300.5 | 4490.8 | 4676.3 | 4806.3 |
| 45° | 2435.6 | 2491.2 | 2611.9 | 2778.9 | 2978.3 | 3210.3 | 3456.3 | 3715.9 | 3943.4 | 4133.6 | 4277.4 |
| 47.5° | 1897.5 | 1948.5 | 2069.2 | 2245.4 | 2491.2 | 2732.5 | 2987.7 | 3256.7 | 3493.3 | 3678.9 | 3804.2 |
| 50° | 1498.4 | 1563.3 | 1670.1 | 1855.7 | 2101.6 | 2356.7 | 2621.2 | 2885.5 | 3108.3 | 3266.1 | 3377.4 |
| 52.5° | 1178.4 | 1238.7 | 1340.7 | 1535.6 | 1786.2 | 2041.3 | 2287.0 | 2546.9 | 2741.7 | 2894.9 | 2969.1 |
| 55° | 913.9 | 969.7 | 1076.2 | 1238.7 | 1475.3 | 1725.8 | 1971.6 | 2194.4 | 2375.3 | 2486.6 | 2556.3 |
| 57.5° | 695.8 | 737.7 | 811.9 | 974.2 | 1187.7 | 1419.5 | 1628.4 | 1851.1 | 1990.3 | 2069.2 | 2115.4 |
| 60° | 528.9 | 561.4 | 640.3 | 765.5 | 960.3 | 1159.8 | 1336.1 | 1503.2 | 1614.5 | 1679.4 | 1725.8 |
| 62.5° | 398.9 | 436.1 | 491.7 | 598.4 | 746.8 | 909.3 | 1057.7 | 1183.0 | 1275.8 | 1317.6 | 1350.0 |
| 65° | 273.6 | 301.5 | 343.3 | 426.8 | 552.0 | 668.0 | 784.1 | 876.9 | 937.2 | 983.6 | 1002.1 |
| 67.5° | 204.1 | 222.7 | 245.9 | 310.9 | 398.9 | 491.7 | 570.6 | 635.5 | 700.6 | 719.1 | 751.6 |
| 70° | 153.1 | 167.1 | 190.2 | 236.6 | 287.6 | 352.5 | 417.6 | 454.7 | 501.1 | 533.5 | 542.9 |
| 72.5° | 97.4 | 102.0 | 125.3 | 153.1 | 194.8 | 236.6 | 278.4 | 310.9 | 338.8 | 357.3 | 366.4 |
| 75° | 55.8 | 83.4 | 83.4 | 111.3 | 139.2 | 157.7 | 185.6 | 208.7 | 222.7 | 236.6 | 236.6 |
| 77.5° | 37.0 | 51.0 | 55.8 | 69.5 | 83.4 | 106.7 | 129.8 | 143.8 | 157.7 | 162.3 | 162.3 |
| 80° | 32.5 | 37.0 | 37.0 | 51.0 | 60.3 | 78.9 | 92.8 | 97.4 | 106.7 | 111.3 | 120.7 |
| 82.5° | 13.9 | 18.5 | 23.1 | 37.0 | 41.8 | 41.8 | 55.8 | 60.3 | 69.5 | 74.3 | 74.3 |
| 85° | 4.6 | 9.4 | 9.4 | 13.9 | 23.1 | 27.9 | 32.5 | 37.0 | 41.8 | 41.8 | 46.4 |
| 87.5° | 4.6 | 4.6 | 0.0 | 4.6 | 9.4 | 9.4 | 18.5 | 18.5 | 18.5 | 27.9 | 27.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248683

CATALOG NUMBER: LSR8B150D010 EC8B150840 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 | 9501.1 |
| 2.5° | 9417.6 | 9422.2 | 9403.7 | 9399.1 | 9389.7 | 9394.3 | 9403.7 |
| 5° | 9246.0 | 9250.5 | 9232.0 | 9213.5 | 9213.5 | 9208.7 | 9213.5 |
| 7.5° | 9083.5 | 9088.2 | 9060.3 | 9051.0 | 9032.5 | 9037.2 | 9037.2 |
| 10° | 8921.1 | 8921.1 | 8879.5 | 8874.7 | 8860.8 | 8856.2 | 8856.2 |
| 12.5° | 8763.4 | 8749.5 | 8717.0 | 8698.5 | 8707.8 | 8680.0 | 8680.0 |
| 15° | 8624.2 | 8601.1 | 8559.3 | 8545.3 | 8522.2 | 8512.9 | 8512.9 |
| 17.5° | 8480.4 | 8461.9 | 8424.9 | 8397.0 | 8369.1 | 8364.5 | 8369.1 |
| 20° | 8341.2 | 8322.7 | 8276.3 | 8257.8 | 8234.7 | 8234.7 | 8225.3 |
| 22.5° | 8202.0 | 8183.5 | 8141.9 | 8127.9 | 8095.5 | 8095.5 | 8100.0 |
| 25° | 8058.2 | 8044.3 | 7997.9 | 7988.7 | 7984.1 | 7965.4 | 7974.8 |
| 27.5° | 7863.5 | 7854.1 | 7817.1 | 7803.1 | 7784.6 | 7780.0 | 7789.2 |
| 30° | 7506.2 | 7492.2 | 7464.6 | 7450.6 | 7418.2 | 7422.7 | 7431.9 |
| 32.5° | 7060.9 | 7042.4 | 7005.1 | 6991.2 | 6963.5 | 6954.1 | 6958.7 |
| 35° | 6504.2 | 6490.3 | 6457.8 | 6457.8 | 6430.0 | 6420.6 | 6430.0 |
| 37.5° | 5938.3 | 5952.0 | 5938.3 | 5952.0 | 5938.3 | 5933.5 | 5938.3 |
| 40° | 5404.7 | 5455.7 | 5464.9 | 5516.1 | 5497.5 | 5525.2 | 5520.6 |
| 42.5° | 4894.3 | 4977.8 | 5010.4 | 5052.0 | 5042.9 | 5061.4 | 5075.3 |
| 45° | 4379.3 | 4449.0 | 4481.5 | 4509.4 | 4513.9 | 4523.3 | 4527.9 |
| 47.5° | 3892.2 | 3948.0 | 3952.5 | 3985.0 | 3980.4 | 3980.4 | 3994.4 |
| 50° | 3437.7 | 3474.8 | 3483.9 | 3507.2 | 3488.7 | 3479.4 | 3483.9 |
| 52.5° | 3015.5 | 3052.6 | 3043.2 | 3052.6 | 3029.5 | 3020.1 | 3024.7 |
| 55° | 2584.0 | 2602.5 | 2602.5 | 2602.5 | 2574.8 | 2574.8 | 2574.8 |
| 57.5° | 2143.3 | 2148.0 | 2138.7 | 2143.3 | 2138.7 | 2110.8 | 2106.2 |
| 60° | 1739.8 | 1739.8 | 1735.0 | 1739.8 | 1725.8 | 1711.9 | 1711.9 |
| 62.5° | 1359.2 | 1368.6 | 1387.1 | 1368.6 | 1359.2 | 1368.6 | 1354.6 |
| 65° | 1016.1 | 1034.6 | 1029.8 | 1039.2 | 1034.6 | 1034.6 | 1025.2 |
| 67.5° | 765.5 | 770.1 | 774.7 | 779.5 | 779.5 | 779.5 | 779.5 |
| 70° | 561.4 | 575.3 | 570.6 | 570.6 | 570.6 | 570.6 | 598.4 |
| 72.5° | 375.8 | 394.3 | 389.7 | 398.9 | 398.9 | 408.3 | 398.9 |
| 75° | 255.1 | 273.6 | 264.5 | 278.4 | 273.6 | 264.5 | 287.6 |
| 77.5° | 171.7 | 181.0 | 185.6 | 190.2 | 185.6 | 181.0 | 185.6 |
| 80° | 120.7 | 129.8 | 125.3 | 129.8 | 129.8 | 129.8 | 134.6 |
| 82.5° | 74.3 | 88.2 | 83.4 | 88.2 | 83.4 | 88.2 | 88.2 |
| 85° | 51.0 | 55.8 | 46.4 | 55.8 | 51.0 | 51.0 | 60.3 |
| 87.5° | 32.5 | 27.9 | 27.9 | 32.5 | 27.9 | 32.5 | 27.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)