

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: P248656

Luminaire Tested: **LSR8B150D010 EC8B150827 8LBSW0WMH**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248656
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 EC8B150827 8LBSW0WMH
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 2700 CCT WITH WARM HAZE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15113.0 lumens
Efficiency: N/A
Efficacy: 95.4 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

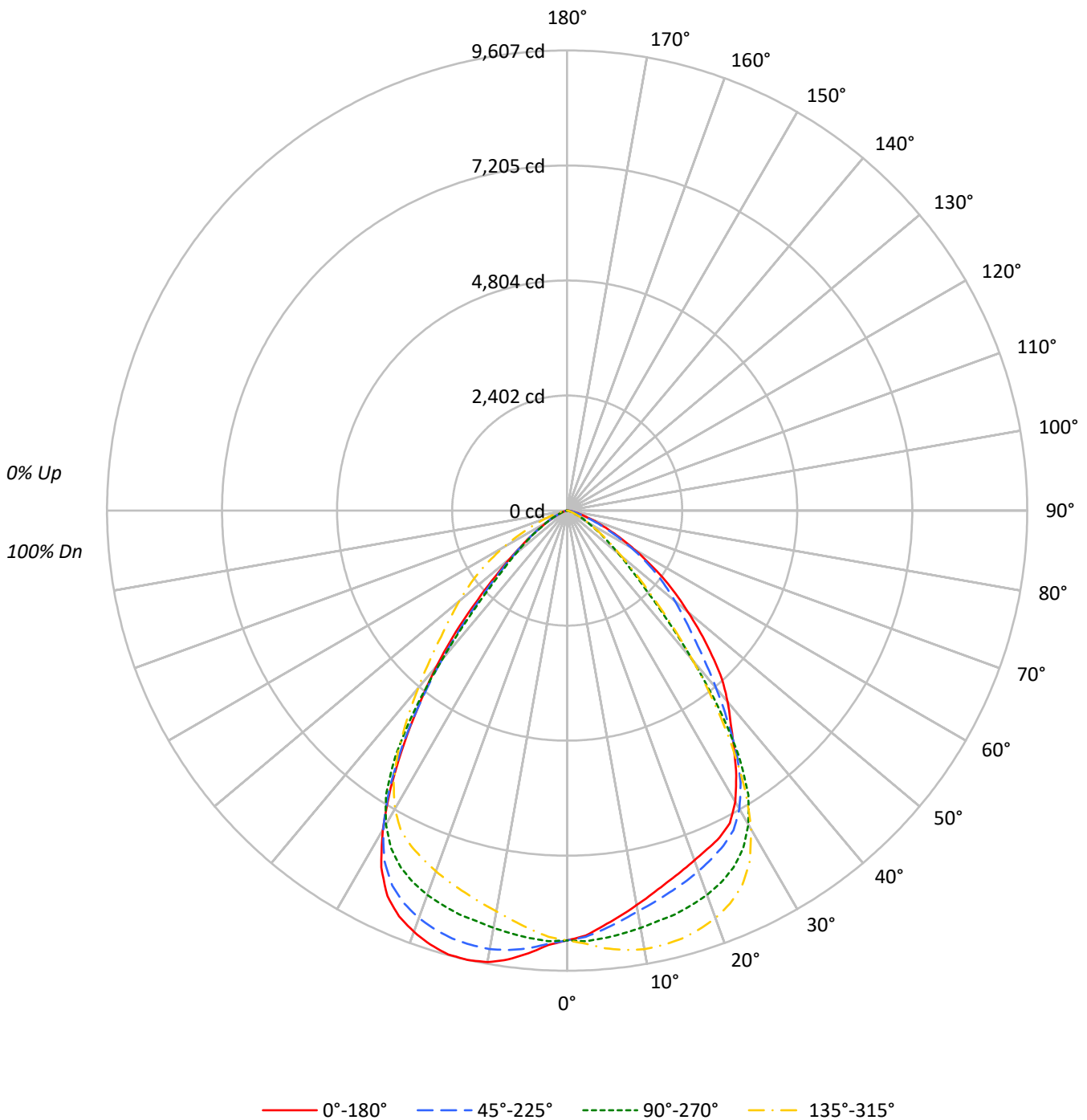
Input Watts (W): 158.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248656

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Luminous Intensity Polar Plot





TEST NUMBER: P248656

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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° | 276666 | 276666 | 276666 | 276666 |
| 5° | 269316 | 277315 | 287217 | 277315 |
| 10° | 261869 | 276955 | 299725 | 276955 |
| 15° | 256635 | 278598 | 306286 | 278598 |
| 20° | 254890 | 280190 | 307073 | 280190 |
| 25° | 256229 | 279627 | 302137 | 279627 |
| 30° | 249891 | 269393 | 274232 | 269393 |
| 35° | 228576 | 235005 | 222967 | 235005 |
| 40° | 209856 | 163471 | 170709 | 163471 |
| 45° | 186464 | 99725 | 115390 | 99725 |
| 50° | 157830 | 66620 | 73979 | 66620 |
| 55° | 130721 | 45455 | 48047 | 45455 |
| 60° | 99700 | 30263 | 30528 | 30263 |
| 65° | 70637 | 18854 | 17264 | 18854 |
| 70° | 50949 | 12631 | 11459 | 12631 |
| 75° | 32359 | 6279 | 5218 | 6279 |
| 80° | 22570 | 4670 | 3871 | 4670 |
| 85° | 20167 | 0 | 1521 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 854.0 | 5.7 |
| 10°-20° | 2473.0 | 16.4 |
| 20°-30° | 3744.6 | 24.8 |
| 30°-40° | 3753.0 | 24.8 |
| 40°-50° | 2356.7 | 15.6 |
| 50°-60° | 1255.9 | 8.3 |
| 60°-70° | 516.4 | 3.4 |
| 70°-80° | 136.4 | 0.9 |
| 80°-90° | 23.1 | 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° | 7071.5 | 46.8 |
| 0°-40° | 10824.5 | 71.6 |
| 0°-60° | 14437.0 | 95.5 |
| 0°-90° | 15113.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 15113.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 8972 | 8972 | 8972 | 8972 | 8972 | |
| 5° | 8700 | 8959 | 9279 | 8959 | 8700 | 820 |
| 15° | 8039 | 8727 | 9594 | 8727 | 8039 | 2274 |
| 25° | 7531 | 8218 | 8880 | 8218 | 7531 | 3454 |
| 35° | 6072 | 6243 | 5923 | 6243 | 6072 | 3804 |
| 45° | 4276 | 2287 | 2646 | 2287 | 4276 | 3288 |
| 55° | 2432 | 846 | 894 | 846 | 2432 | 2168 |
| 65° | 968 | 258 | 237 | 258 | 968 | 1004 |
| 75° | 272 | 53 | 44 | 53 | 272 | 308 |
| 85° | 57 | 0 | 4 | 0 | 57 | 63 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 8880.1 | 8871.3 | 8867.0 | 8875.8 | 8880.1 | 8897.6 | 8893.3 | 8902.0 | 8902.0 | 8906.5 | 8915.1 |
| 5° | 8700.5 | 8696.0 | 8700.5 | 8700.5 | 8718.0 | 8735.5 | 8731.2 | 8744.4 | 8753.0 | 8775.0 | 8783.7 |
| 7.5° | 8534.1 | 8534.1 | 8529.6 | 8547.1 | 8555.9 | 8582.3 | 8577.7 | 8599.7 | 8612.9 | 8634.7 | 8665.4 |
| 10° | 8363.2 | 8363.2 | 8367.5 | 8380.7 | 8385.2 | 8424.5 | 8424.5 | 8455.1 | 8472.6 | 8494.6 | 8534.1 |
| 12.5° | 8196.7 | 8196.7 | 8223.1 | 8214.2 | 8231.7 | 8262.4 | 8275.5 | 8306.2 | 8332.5 | 8376.3 | 8415.8 |
| 15° | 8038.9 | 8038.9 | 8047.8 | 8069.6 | 8082.8 | 8122.3 | 8144.1 | 8179.2 | 8209.9 | 8253.7 | 8310.7 |
| 17.5° | 7903.2 | 7898.8 | 7903.2 | 7929.5 | 7955.8 | 7990.8 | 8008.3 | 8052.1 | 8082.8 | 8139.7 | 8192.4 |
| 20° | 7767.4 | 7776.2 | 7776.2 | 7798.0 | 7815.5 | 7859.3 | 7876.8 | 7925.2 | 7960.1 | 8012.6 | 8074.1 |
| 22.5° | 7649.1 | 7644.8 | 7644.8 | 7675.4 | 7688.6 | 7727.9 | 7745.4 | 7789.2 | 7828.7 | 7872.5 | 7929.5 |
| 25° | 7530.8 | 7522.0 | 7539.6 | 7544.0 | 7552.6 | 7596.4 | 7609.6 | 7640.3 | 7679.7 | 7719.2 | 7776.2 |
| 27.5° | 7355.5 | 7346.9 | 7351.2 | 7368.7 | 7381.8 | 7416.8 | 7425.7 | 7456.3 | 7487.0 | 7522.0 | 7570.3 |
| 30° | 7018.1 | 7009.5 | 7005.2 | 7035.8 | 7049.0 | 7075.1 | 7088.3 | 7140.9 | 7149.6 | 7189.1 | 7224.1 |
| 32.5° | 6571.3 | 6567.0 | 6575.8 | 6602.0 | 6615.1 | 6650.3 | 6667.8 | 6698.4 | 6720.2 | 6742.2 | 6777.2 |
| 35° | 6072.0 | 6063.2 | 6072.0 | 6098.3 | 6098.3 | 6129.0 | 6142.1 | 6155.1 | 6150.8 | 6155.1 | 6146.5 |
| 37.5° | 5607.7 | 5603.2 | 5607.7 | 5620.6 | 5607.7 | 5620.6 | 5607.7 | 5581.3 | 5533.2 | 5480.5 | 5427.9 |
| 40° | 5213.3 | 5217.6 | 5191.5 | 5209.0 | 5160.6 | 5152.0 | 5103.8 | 5038.0 | 4941.7 | 4836.6 | 4687.7 |
| 42.5° | 4792.8 | 4779.6 | 4762.1 | 4770.8 | 4731.5 | 4700.6 | 4621.8 | 4538.7 | 4415.9 | 4240.8 | 4061.0 |
| 45° | 4275.8 | 4271.5 | 4262.6 | 4258.3 | 4232.0 | 4201.3 | 4135.5 | 4039.2 | 3903.4 | 3723.8 | 3509.1 |
| 47.5° | 3772.0 | 3758.8 | 3758.8 | 3763.1 | 3732.5 | 3728.2 | 3675.5 | 3592.4 | 3474.1 | 3298.8 | 3075.4 |
| 50° | 3290.0 | 3285.7 | 3294.5 | 3312.0 | 3290.0 | 3281.3 | 3246.3 | 3189.4 | 3084.2 | 2935.3 | 2724.8 |
| 52.5° | 2856.3 | 2852.0 | 2860.8 | 2882.6 | 2873.8 | 2882.6 | 2847.6 | 2803.8 | 2733.7 | 2589.1 | 2405.1 |
| 55° | 2431.5 | 2431.5 | 2431.5 | 2457.6 | 2457.6 | 2457.6 | 2440.1 | 2414.0 | 2348.2 | 2243.0 | 2072.3 |
| 57.5° | 1989.0 | 1993.3 | 2019.6 | 2023.9 | 2019.6 | 2028.4 | 2023.9 | 1997.6 | 1954.0 | 1879.5 | 1748.0 |
| 60° | 1616.6 | 1616.6 | 1629.8 | 1642.9 | 1638.4 | 1642.9 | 1642.9 | 1629.8 | 1585.9 | 1524.6 | 1419.5 |
| 62.5° | 1279.2 | 1292.4 | 1283.5 | 1292.4 | 1309.9 | 1292.4 | 1283.5 | 1274.9 | 1244.2 | 1204.7 | 1117.1 |
| 65° | 968.1 | 977.0 | 977.0 | 981.3 | 972.5 | 977.0 | 959.5 | 946.3 | 928.8 | 885.0 | 828.0 |
| 67.5° | 736.1 | 736.1 | 736.1 | 736.1 | 731.6 | 727.2 | 722.9 | 709.7 | 679.1 | 661.6 | 600.1 |
| 70° | 565.1 | 538.8 | 538.8 | 538.8 | 538.8 | 543.3 | 530.1 | 512.7 | 503.8 | 473.2 | 429.3 |
| 72.5° | 376.7 | 385.5 | 376.7 | 376.7 | 368.0 | 372.4 | 354.9 | 346.0 | 337.4 | 319.9 | 293.6 |
| 75° | 271.6 | 249.7 | 258.4 | 262.9 | 249.7 | 258.4 | 240.9 | 223.4 | 223.4 | 210.3 | 197.1 |
| 77.5° | 175.3 | 170.9 | 175.3 | 179.6 | 175.3 | 170.9 | 162.1 | 153.3 | 153.3 | 148.9 | 135.8 |
| 80° | 127.1 | 122.6 | 122.6 | 122.6 | 118.3 | 122.6 | 114.0 | 114.0 | 105.1 | 100.8 | 92.0 |
| 82.5° | 83.3 | 83.3 | 78.8 | 83.3 | 78.8 | 83.3 | 70.1 | 70.1 | 70.1 | 65.6 | 57.0 |
| 85° | 57.0 | 48.1 | 48.1 | 52.7 | 43.8 | 52.7 | 48.1 | 43.8 | 39.5 | 39.5 | 35.0 |
| 87.5° | 26.3 | 30.7 | 26.3 | 30.7 | 26.3 | 26.3 | 30.7 | 26.3 | 26.3 | 17.5 | 17.5 |
| 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: P248656

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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 8928.3 | 8932.6 | 8932.6 | 8950.3 | 8958.9 | 8963.3 | 8963.3 | 8998.4 | 8985.3 | 8994.1 | 9002.8 |
| 5° | 8801.3 | 8827.5 | 8836.3 | 8836.3 | 8884.5 | 8902.0 | 8919.5 | 8958.9 | 8963.3 | 8989.6 | 9020.3 |
| 7.5° | 8678.5 | 8709.2 | 8726.9 | 8766.2 | 8796.8 | 8827.5 | 8880.1 | 8906.5 | 8932.6 | 8967.8 | 9007.1 |
| 10° | 8560.3 | 8595.4 | 8630.4 | 8661.1 | 8709.2 | 8748.7 | 8783.7 | 8845.0 | 8875.8 | 8924.0 | 8976.4 |
| 12.5° | 8446.5 | 8494.6 | 8525.3 | 8577.7 | 8630.4 | 8665.4 | 8718.0 | 8775.0 | 8823.2 | 8871.3 | 8932.6 |
| 15° | 8345.7 | 8402.7 | 8437.6 | 8494.6 | 8551.6 | 8599.7 | 8656.7 | 8726.9 | 8761.9 | 8818.8 | 8875.8 |
| 17.5° | 8236.0 | 8297.5 | 8341.3 | 8393.8 | 8464.0 | 8516.4 | 8564.8 | 8634.7 | 8678.5 | 8739.9 | 8805.7 |
| 20° | 8122.3 | 8183.6 | 8236.0 | 8288.7 | 8358.8 | 8411.3 | 8468.3 | 8538.4 | 8586.6 | 8647.9 | 8700.5 |
| 22.5° | 7986.5 | 8043.5 | 8100.3 | 8161.6 | 8231.7 | 8275.5 | 8341.3 | 8402.7 | 8455.1 | 8512.1 | 8564.8 |
| 25° | 7811.2 | 7881.3 | 7925.2 | 7982.0 | 8038.9 | 8087.1 | 8157.2 | 8218.5 | 8262.4 | 8315.0 | 8363.2 |
| 27.5° | 7605.3 | 7657.9 | 7692.9 | 7741.1 | 7798.0 | 7841.9 | 7894.3 | 7955.8 | 7999.6 | 8047.8 | 8082.8 |
| 30° | 7254.7 | 7303.0 | 7333.7 | 7368.7 | 7425.7 | 7465.2 | 7509.0 | 7565.8 | 7596.4 | 7631.6 | 7662.2 |
| 32.5° | 6794.7 | 6834.2 | 6851.7 | 6878.0 | 6917.5 | 6956.8 | 6992.0 | 7040.1 | 7053.3 | 7075.1 | 7075.1 |
| 35° | 6129.0 | 6137.6 | 6133.3 | 6142.1 | 6159.6 | 6181.4 | 6212.1 | 6242.8 | 6260.2 | 6260.2 | 6247.3 |
| 37.5° | 5349.1 | 5296.6 | 5239.6 | 5195.8 | 5182.6 | 5173.8 | 5191.5 | 5204.5 | 5222.1 | 5230.8 | 5209.0 |
| 40° | 4538.7 | 4420.4 | 4293.3 | 4179.3 | 4100.5 | 4065.5 | 4052.4 | 4061.0 | 4061.0 | 4091.7 | 4091.7 |
| 42.5° | 3842.1 | 3658.0 | 3469.8 | 3298.8 | 3184.9 | 3097.4 | 3057.9 | 3057.9 | 3062.2 | 3084.2 | 3097.4 |
| 45° | 3263.8 | 3031.6 | 2812.5 | 2624.2 | 2466.4 | 2352.5 | 2300.0 | 2286.8 | 2282.5 | 2291.2 | 2321.8 |
| 47.5° | 2821.3 | 2580.4 | 2352.5 | 2120.4 | 1954.0 | 1840.0 | 1791.9 | 1774.2 | 1756.7 | 1774.2 | 1778.7 |
| 50° | 2475.3 | 2225.5 | 1984.6 | 1752.4 | 1577.1 | 1476.3 | 1415.0 | 1388.7 | 1384.3 | 1384.3 | 1393.2 |
| 52.5° | 2159.7 | 1927.6 | 1686.7 | 1450.2 | 1266.0 | 1169.7 | 1112.8 | 1099.6 | 1082.1 | 1099.6 | 1099.6 |
| 55° | 1861.8 | 1629.8 | 1393.2 | 1169.7 | 1016.3 | 915.7 | 863.0 | 845.5 | 836.7 | 849.9 | 849.9 |
| 57.5° | 1537.8 | 1340.5 | 1121.6 | 920.0 | 766.7 | 696.6 | 657.1 | 635.3 | 630.8 | 639.6 | 630.8 |
| 60° | 1261.7 | 1095.3 | 906.8 | 722.9 | 604.6 | 530.1 | 499.5 | 490.7 | 481.8 | 490.7 | 490.7 |
| 62.5° | 998.8 | 858.7 | 705.2 | 565.1 | 464.3 | 411.9 | 376.7 | 376.7 | 372.4 | 372.4 | 376.7 |
| 65° | 740.4 | 630.8 | 521.3 | 403.0 | 324.2 | 284.7 | 258.4 | 258.4 | 254.1 | 258.4 | 254.1 |
| 67.5° | 538.8 | 464.3 | 376.7 | 293.6 | 232.3 | 210.3 | 192.8 | 179.6 | 188.4 | 179.6 | 175.3 |
| 70° | 394.4 | 332.9 | 271.6 | 223.4 | 179.6 | 157.8 | 144.6 | 140.1 | 131.5 | 131.5 | 131.5 |
| 72.5° | 262.9 | 223.4 | 183.9 | 144.6 | 118.3 | 96.3 | 92.0 | 83.3 | 74.5 | 78.8 | 87.6 |
| 75° | 175.3 | 148.9 | 131.5 | 105.1 | 78.8 | 78.8 | 52.7 | 52.7 | 43.8 | 52.7 | 39.5 |
| 77.5° | 122.6 | 100.8 | 78.8 | 65.6 | 52.7 | 48.1 | 35.0 | 35.0 | 30.7 | 30.7 | 30.7 |
| 80° | 87.6 | 74.5 | 57.0 | 48.1 | 35.0 | 35.0 | 30.7 | 26.3 | 21.8 | 21.8 | 26.3 |
| 82.5° | 52.7 | 39.5 | 39.5 | 35.0 | 21.8 | 17.5 | 13.2 | 17.5 | 8.8 | 8.8 | 8.8 |
| 85° | 30.7 | 26.3 | 21.8 | 13.2 | 8.8 | 8.8 | 4.3 | 0.0 | 4.3 | 4.3 | 0.0 |
| 87.5° | 17.5 | 8.8 | 8.8 | 4.3 | 0.0 | 4.3 | 4.3 | 0.0 | 0.0 | 0.0 | 8.8 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 9024.8 | 9020.3 | 9029.1 | 9029.1 | 9055.4 | 9050.9 | 9064.1 | 9064.1 | 9055.4 | 9059.7 | 9077.2 |
| 5° | 9055.4 | 9068.6 | 9094.7 | 9116.7 | 9156.0 | 9173.7 | 9195.5 | 9217.5 | 9221.9 | 9235.0 | 9248.2 |
| 7.5° | 9055.4 | 9099.2 | 9129.9 | 9169.2 | 9221.9 | 9252.5 | 9300.7 | 9340.1 | 9357.6 | 9379.5 | 9405.8 |
| 10° | 9037.7 | 9081.6 | 9138.5 | 9182.4 | 9248.2 | 9296.3 | 9344.5 | 9405.8 | 9432.1 | 9467.1 | 9502.3 |
| 12.5° | 9002.8 | 9050.9 | 9112.2 | 9169.2 | 9243.7 | 9287.5 | 9348.8 | 9405.8 | 9445.3 | 9493.4 | 9532.9 |
| 15° | 8950.3 | 9007.1 | 9064.1 | 9121.1 | 9199.9 | 9252.5 | 9309.5 | 9375.1 | 9414.6 | 9467.1 | 9502.3 |
| 17.5° | 8867.0 | 8928.3 | 8980.9 | 9033.4 | 9107.9 | 9169.2 | 9221.9 | 9283.2 | 9322.7 | 9366.5 | 9414.6 |
| 20° | 8766.2 | 8823.2 | 8880.1 | 8924.0 | 8998.4 | 9050.9 | 9107.9 | 9164.9 | 9195.5 | 9204.4 | 9278.8 |
| 22.5° | 8639.2 | 8678.5 | 8722.4 | 8792.5 | 8836.3 | 8884.5 | 8937.1 | 8989.6 | 9020.3 | 9068.6 | 9094.7 |
| 25° | 8428.8 | 8468.3 | 8516.4 | 8547.1 | 8599.7 | 8639.2 | 8691.7 | 8748.7 | 8766.2 | 8801.3 | 8827.5 |
| 27.5° | 8135.4 | 8157.2 | 8179.2 | 8205.4 | 8236.0 | 8258.0 | 8288.7 | 8315.0 | 8332.5 | 8350.0 | 8367.5 |
| 30° | 7670.9 | 7670.9 | 7670.9 | 7653.4 | 7666.6 | 7679.7 | 7684.1 | 7679.7 | 7679.7 | 7675.4 | 7675.4 |
| 32.5° | 7057.6 | 7022.6 | 6983.2 | 6948.2 | 6935.0 | 6917.5 | 6908.7 | 6895.5 | 6873.7 | 6860.5 | 6864.9 |
| 35° | 6229.6 | 6150.8 | 6102.6 | 6058.8 | 6023.8 | 5997.5 | 5984.4 | 5971.2 | 5966.9 | 5949.4 | 5931.7 |
| 37.5° | 5195.8 | 5138.8 | 5103.8 | 5077.5 | 5046.9 | 5020.5 | 5024.9 | 5029.4 | 5042.3 | 5033.7 | 5038.0 |
| 40° | 4100.5 | 4087.4 | 4100.5 | 4069.9 | 4061.0 | 4069.9 | 4091.7 | 4122.5 | 4140.0 | 4157.5 | 4188.2 |
| 42.5° | 3119.2 | 3141.0 | 3171.9 | 3171.9 | 3184.9 | 3202.5 | 3228.7 | 3277.0 | 3303.1 | 3333.8 | 3369.0 |
| 45° | 2348.2 | 2374.5 | 2414.0 | 2427.0 | 2435.8 | 2457.6 | 2488.4 | 2527.8 | 2545.2 | 2571.6 | 2602.2 |
| 47.5° | 1809.4 | 1826.8 | 1848.7 | 1870.7 | 1892.5 | 1901.3 | 1932.0 | 1932.0 | 1954.0 | 1971.5 | 1980.1 |
| 50° | 1410.7 | 1428.2 | 1445.6 | 1458.8 | 1467.6 | 1480.8 | 1489.5 | 1502.6 | 1507.0 | 1515.8 | 1520.1 |
| 52.5° | 1103.9 | 1125.9 | 1125.9 | 1134.6 | 1147.8 | 1160.9 | 1156.6 | 1160.9 | 1165.2 | 1165.2 | 1178.4 |
| 55° | 863.0 | 863.0 | 876.2 | 876.2 | 885.0 | 880.5 | 885.0 | 885.0 | 885.0 | 885.0 | 889.3 |
| 57.5° | 643.9 | 648.4 | 661.6 | 652.8 | 648.4 | 657.1 | 648.4 | 657.1 | 652.8 | 661.6 | 648.4 |
| 60° | 495.0 | 495.0 | 499.5 | 499.5 | 503.8 | 503.8 | 503.8 | 499.5 | 499.5 | 495.0 | 495.0 |
| 62.5° | 372.4 | 376.7 | 381.2 | 376.7 | 376.7 | 376.7 | 372.4 | 372.4 | 368.0 | 363.5 | 363.5 |
| 65° | 249.7 | 245.4 | 254.1 | 245.4 | 249.7 | 249.7 | 245.4 | 249.7 | 236.6 | 240.9 | 236.6 |
| 67.5° | 179.6 | 175.3 | 170.9 | 175.3 | 170.9 | 166.4 | 166.4 | 170.9 | 175.3 | 162.1 | 162.1 |
| 70° | 118.3 | 122.6 | 118.3 | 122.6 | 127.1 | 127.1 | 122.6 | 118.3 | 122.6 | 114.0 | 118.3 |
| 72.5° | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 78.8 | 78.8 | 78.8 | 70.1 | 70.1 | 65.6 |
| 75° | 35.0 | 48.1 | 39.5 | 35.0 | 48.1 | 48.1 | 43.8 | 43.8 | 39.5 | 39.5 | 39.5 |
| 77.5° | 35.0 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 21.8 | 26.3 | 21.8 |
| 80° | 17.5 | 17.5 | 17.5 | 13.2 | 17.5 | 17.5 | 21.8 | 17.5 | 17.5 | 13.2 | 21.8 |
| 82.5° | 8.8 | 8.8 | 8.8 | 0.0 | 4.3 | 8.8 | 8.8 | 4.3 | 8.8 | 8.8 | 4.3 |
| 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: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 9072.9 | 9068.6 | 9072.9 | 9077.2 | 9072.9 | 9068.6 | 9072.9 | 9077.2 | 9059.7 | 9055.4 | 9064.1 |
| 5° | 9265.7 | 9265.7 | 9274.3 | 9278.8 | 9274.3 | 9265.7 | 9265.7 | 9248.2 | 9235.0 | 9221.9 | 9217.5 |
| 7.5° | 9432.1 | 9440.9 | 9449.6 | 9453.9 | 9449.6 | 9440.9 | 9432.1 | 9405.8 | 9379.5 | 9357.6 | 9340.1 |
| 10° | 9532.9 | 9546.1 | 9563.6 | 9572.2 | 9563.6 | 9546.1 | 9532.9 | 9502.3 | 9467.1 | 9432.1 | 9405.8 |
| 12.5° | 9576.7 | 9589.9 | 9611.7 | 9607.4 | 9611.7 | 9589.9 | 9576.7 | 9532.9 | 9493.4 | 9445.3 | 9405.8 |
| 15° | 9546.1 | 9563.6 | 9585.4 | 9594.2 | 9585.4 | 9563.6 | 9546.1 | 9502.3 | 9467.1 | 9414.6 | 9375.1 |
| 17.5° | 9449.6 | 9475.9 | 9489.1 | 9502.3 | 9489.1 | 9475.9 | 9449.6 | 9414.6 | 9366.5 | 9322.7 | 9283.2 |
| 20° | 9318.1 | 9335.8 | 9353.3 | 9357.6 | 9353.3 | 9335.8 | 9318.1 | 9278.8 | 9204.4 | 9195.5 | 9164.9 |
| 22.5° | 9129.9 | 9143.1 | 9182.4 | 9169.2 | 9182.4 | 9143.1 | 9129.9 | 9094.7 | 9068.6 | 9020.3 | 8989.6 |
| 25° | 8858.1 | 8871.3 | 8875.8 | 8880.1 | 8875.8 | 8871.3 | 8858.1 | 8827.5 | 8801.3 | 8766.2 | 8748.7 |
| 27.5° | 8389.5 | 8389.5 | 8398.1 | 8402.7 | 8398.1 | 8389.5 | 8389.5 | 8367.5 | 8350.0 | 8332.5 | 8315.0 |
| 30° | 7679.7 | 7679.7 | 7679.7 | 7701.7 | 7679.7 | 7679.7 | 7679.7 | 7675.4 | 7675.4 | 7679.7 | 7679.7 |
| 32.5° | 6860.5 | 6851.7 | 6843.0 | 6851.7 | 6843.0 | 6851.7 | 6860.5 | 6864.9 | 6860.5 | 6873.7 | 6895.5 |
| 35° | 5931.7 | 5927.4 | 5940.5 | 5923.0 | 5940.5 | 5927.4 | 5931.7 | 5931.7 | 5949.4 | 5966.9 | 5971.2 |
| 37.5° | 5042.3 | 5033.7 | 5051.2 | 5033.7 | 5051.2 | 5033.7 | 5042.3 | 5038.0 | 5033.7 | 5042.3 | 5029.4 |
| 40° | 4197.0 | 4205.7 | 4205.7 | 4240.8 | 4205.7 | 4205.7 | 4197.0 | 4188.2 | 4157.5 | 4140.0 | 4122.5 |
| 42.5° | 3386.5 | 3412.8 | 3403.9 | 3430.3 | 3403.9 | 3412.8 | 3386.5 | 3369.0 | 3333.8 | 3303.1 | 3277.0 |
| 45° | 2619.7 | 2637.4 | 2637.4 | 2646.0 | 2637.4 | 2637.4 | 2619.7 | 2602.2 | 2571.6 | 2545.2 | 2527.8 |
| 47.5° | 2010.8 | 2010.8 | 2010.8 | 2015.3 | 2010.8 | 2010.8 | 2010.8 | 1980.1 | 1971.5 | 1954.0 | 1932.0 |
| 50° | 1529.0 | 1533.3 | 1537.8 | 1542.1 | 1537.8 | 1533.3 | 1529.0 | 1520.1 | 1515.8 | 1507.0 | 1502.6 |
| 52.5° | 1174.1 | 1178.4 | 1169.7 | 1178.4 | 1169.7 | 1178.4 | 1174.1 | 1178.4 | 1165.2 | 1165.2 | 1160.9 |
| 55° | 889.3 | 885.0 | 889.3 | 893.7 | 889.3 | 885.0 | 889.3 | 889.3 | 885.0 | 885.0 | 885.0 |
| 57.5° | 652.8 | 643.9 | 643.9 | 643.9 | 643.9 | 643.9 | 652.8 | 648.4 | 661.6 | 652.8 | 657.1 |
| 60° | 486.3 | 490.7 | 490.7 | 495.0 | 490.7 | 490.7 | 486.3 | 495.0 | 495.0 | 499.5 | 499.5 |
| 62.5° | 359.2 | 372.4 | 363.5 | 372.4 | 363.5 | 372.4 | 359.2 | 363.5 | 363.5 | 368.0 | 372.4 |
| 65° | 232.3 | 232.3 | 232.3 | 236.6 | 232.3 | 232.3 | 232.3 | 236.6 | 240.9 | 236.6 | 249.7 |
| 67.5° | 157.8 | 162.1 | 170.9 | 166.4 | 170.9 | 162.1 | 157.8 | 162.1 | 162.1 | 175.3 | 170.9 |
| 70° | 127.1 | 114.0 | 114.0 | 127.1 | 114.0 | 114.0 | 127.1 | 118.3 | 114.0 | 122.6 | 118.3 |
| 72.5° | 74.5 | 65.6 | 74.5 | 74.5 | 74.5 | 65.6 | 74.5 | 65.6 | 70.1 | 70.1 | 78.8 |
| 75° | 39.5 | 35.0 | 30.7 | 43.8 | 30.7 | 35.0 | 39.5 | 39.5 | 39.5 | 39.5 | 43.8 |
| 77.5° | 26.3 | 21.8 | 30.7 | 30.7 | 30.7 | 21.8 | 26.3 | 21.8 | 26.3 | 21.8 | 26.3 |
| 80° | 13.2 | 17.5 | 13.2 | 21.8 | 13.2 | 17.5 | 13.2 | 21.8 | 13.2 | 17.5 | 17.5 |
| 82.5° | 4.3 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 4.3 | 4.3 | 8.8 | 8.8 | 4.3 |
| 85° | 0.0 | 8.8 | 4.3 | 4.3 | 4.3 | 8.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 4.3 | 0.0 | 0.0 | 4.3 | 0.0 | 0.0 | 4.3 | 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: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 9064.1 | 9050.9 | 9055.4 | 9029.1 | 9029.1 | 9020.3 | 9024.8 | 9002.8 | 8994.1 | 8985.3 | 8998.4 |
| 5° | 9195.5 | 9173.7 | 9156.0 | 9116.7 | 9094.7 | 9068.6 | 9055.4 | 9020.3 | 8989.6 | 8963.3 | 8958.9 |
| 7.5° | 9300.7 | 9252.5 | 9221.9 | 9169.2 | 9129.9 | 9099.2 | 9055.4 | 9007.1 | 8967.8 | 8932.6 | 8906.5 |
| 10° | 9344.5 | 9296.3 | 9248.2 | 9182.4 | 9138.5 | 9081.6 | 9037.7 | 8976.4 | 8924.0 | 8875.8 | 8845.0 |
| 12.5° | 9348.8 | 9287.5 | 9243.7 | 9169.2 | 9112.2 | 9050.9 | 9002.8 | 8932.6 | 8871.3 | 8823.2 | 8775.0 |
| 15° | 9309.5 | 9252.5 | 9199.9 | 9121.1 | 9064.1 | 9007.1 | 8950.3 | 8875.8 | 8818.8 | 8761.9 | 8726.9 |
| 17.5° | 9221.9 | 9169.2 | 9107.9 | 9033.4 | 8980.9 | 8928.3 | 8867.0 | 8805.7 | 8739.9 | 8678.5 | 8634.7 |
| 20° | 9107.9 | 9050.9 | 8998.4 | 8924.0 | 8880.1 | 8823.2 | 8766.2 | 8700.5 | 8647.9 | 8586.6 | 8538.4 |
| 22.5° | 8937.1 | 8884.5 | 8836.3 | 8792.5 | 8722.4 | 8678.5 | 8639.2 | 8564.8 | 8512.1 | 8455.1 | 8402.7 |
| 25° | 8691.7 | 8639.2 | 8599.7 | 8547.1 | 8516.4 | 8468.3 | 8428.8 | 8363.2 | 8315.0 | 8262.4 | 8218.5 |
| 27.5° | 8288.7 | 8258.0 | 8236.0 | 8205.4 | 8179.2 | 8157.2 | 8135.4 | 8082.8 | 8047.8 | 7999.6 | 7955.8 |
| 30° | 7684.1 | 7679.7 | 7666.6 | 7653.4 | 7670.9 | 7670.9 | 7670.9 | 7662.2 | 7631.6 | 7596.4 | 7565.8 |
| 32.5° | 6908.7 | 6917.5 | 6935.0 | 6948.2 | 6983.2 | 7022.6 | 7057.6 | 7075.1 | 7075.1 | 7053.3 | 7040.1 |
| 35° | 5984.4 | 5997.5 | 6023.8 | 6058.8 | 6102.6 | 6150.8 | 6229.6 | 6247.3 | 6260.2 | 6260.2 | 6242.8 |
| 37.5° | 5024.9 | 5020.5 | 5046.9 | 5077.5 | 5103.8 | 5138.8 | 5195.8 | 5209.0 | 5230.8 | 5222.1 | 5204.5 |
| 40° | 4091.7 | 4069.9 | 4061.0 | 4069.9 | 4100.5 | 4087.4 | 4100.5 | 4091.7 | 4091.7 | 4061.0 | 4061.0 |
| 42.5° | 3228.7 | 3202.5 | 3184.9 | 3171.9 | 3171.9 | 3141.0 | 3119.2 | 3097.4 | 3084.2 | 3062.2 | 3057.9 |
| 45° | 2488.4 | 2457.6 | 2435.8 | 2427.0 | 2414.0 | 2374.5 | 2348.2 | 2321.8 | 2291.2 | 2282.5 | 2286.8 |
| 47.5° | 1932.0 | 1901.3 | 1892.5 | 1870.7 | 1848.7 | 1826.8 | 1809.4 | 1778.7 | 1774.2 | 1756.7 | 1774.2 |
| 50° | 1489.5 | 1480.8 | 1467.6 | 1458.8 | 1445.6 | 1428.2 | 1410.7 | 1393.2 | 1384.3 | 1384.3 | 1388.7 |
| 52.5° | 1156.6 | 1160.9 | 1147.8 | 1134.6 | 1125.9 | 1125.9 | 1103.9 | 1099.6 | 1099.6 | 1082.1 | 1099.6 |
| 55° | 885.0 | 880.5 | 885.0 | 876.2 | 876.2 | 863.0 | 863.0 | 849.9 | 849.9 | 836.7 | 845.5 |
| 57.5° | 648.4 | 657.1 | 648.4 | 652.8 | 661.6 | 648.4 | 643.9 | 630.8 | 639.6 | 630.8 | 635.3 |
| 60° | 503.8 | 503.8 | 503.8 | 499.5 | 499.5 | 495.0 | 495.0 | 490.7 | 490.7 | 481.8 | 490.7 |
| 62.5° | 372.4 | 376.7 | 376.7 | 376.7 | 381.2 | 376.7 | 372.4 | 376.7 | 372.4 | 372.4 | 376.7 |
| 65° | 245.4 | 249.7 | 249.7 | 245.4 | 254.1 | 245.4 | 249.7 | 254.1 | 258.4 | 254.1 | 258.4 |
| 67.5° | 166.4 | 166.4 | 170.9 | 175.3 | 170.9 | 175.3 | 179.6 | 175.3 | 179.6 | 188.4 | 179.6 |
| 70° | 122.6 | 127.1 | 127.1 | 122.6 | 118.3 | 122.6 | 118.3 | 131.5 | 131.5 | 131.5 | 140.1 |
| 72.5° | 78.8 | 78.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 87.6 | 78.8 | 74.5 | 83.3 |
| 75° | 43.8 | 48.1 | 48.1 | 35.0 | 39.5 | 48.1 | 35.0 | 39.5 | 52.7 | 43.8 | 52.7 |
| 77.5° | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 26.3 | 35.0 | 30.7 | 30.7 | 30.7 | 35.0 |
| 80° | 21.8 | 17.5 | 17.5 | 13.2 | 17.5 | 17.5 | 17.5 | 26.3 | 21.8 | 21.8 | 26.3 |
| 82.5° | 8.8 | 8.8 | 4.3 | 0.0 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 8.8 | 17.5 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.3 | 4.3 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.8 | 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: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 8963.3 | 8963.3 | 8958.9 | 8950.3 | 8932.6 | 8932.6 | 8928.3 | 8915.1 | 8906.5 | 8902.0 | 8902.0 |
| 5° | 8919.5 | 8902.0 | 8884.5 | 8836.3 | 8836.3 | 8827.5 | 8801.3 | 8783.7 | 8775.0 | 8753.0 | 8744.4 |
| 7.5° | 8880.1 | 8827.5 | 8796.8 | 8766.2 | 8726.9 | 8709.2 | 8678.5 | 8665.4 | 8634.7 | 8612.9 | 8599.7 |
| 10° | 8783.7 | 8748.7 | 8709.2 | 8661.1 | 8630.4 | 8595.4 | 8560.3 | 8534.1 | 8494.6 | 8472.6 | 8455.1 |
| 12.5° | 8718.0 | 8665.4 | 8630.4 | 8577.7 | 8525.3 | 8494.6 | 8446.5 | 8415.8 | 8376.3 | 8332.5 | 8306.2 |
| 15° | 8656.7 | 8599.7 | 8551.6 | 8494.6 | 8437.6 | 8402.7 | 8345.7 | 8310.7 | 8253.7 | 8209.9 | 8179.2 |
| 17.5° | 8564.8 | 8516.4 | 8464.0 | 8393.8 | 8341.3 | 8297.5 | 8236.0 | 8192.4 | 8139.7 | 8082.8 | 8052.1 |
| 20° | 8468.3 | 8411.3 | 8358.8 | 8288.7 | 8236.0 | 8183.6 | 8122.3 | 8074.1 | 8012.6 | 7960.1 | 7925.2 |
| 22.5° | 8341.3 | 8275.5 | 8231.7 | 8161.6 | 8100.3 | 8043.5 | 7986.5 | 7929.5 | 7872.5 | 7828.7 | 7789.2 |
| 25° | 8157.2 | 8087.1 | 8038.9 | 7982.0 | 7925.2 | 7881.3 | 7811.2 | 7776.2 | 7719.2 | 7679.7 | 7640.3 |
| 27.5° | 7894.3 | 7841.9 | 7798.0 | 7741.1 | 7692.9 | 7657.9 | 7605.3 | 7570.3 | 7522.0 | 7487.0 | 7456.3 |
| 30° | 7509.0 | 7465.2 | 7425.7 | 7368.7 | 7333.7 | 7303.0 | 7254.7 | 7224.1 | 7189.1 | 7149.6 | 7140.9 |
| 32.5° | 6992.0 | 6956.8 | 6917.5 | 6878.0 | 6851.7 | 6834.2 | 6794.7 | 6777.2 | 6742.2 | 6720.2 | 6698.4 |
| 35° | 6212.1 | 6181.4 | 6159.6 | 6142.1 | 6133.3 | 6137.6 | 6129.0 | 6146.5 | 6155.1 | 6150.8 | 6155.1 |
| 37.5° | 5191.5 | 5173.8 | 5182.6 | 5195.8 | 5239.6 | 5296.6 | 5349.1 | 5427.9 | 5480.5 | 5533.2 | 5581.3 |
| 40° | 4052.4 | 4065.5 | 4100.5 | 4179.3 | 4293.3 | 4420.4 | 4538.7 | 4687.7 | 4836.6 | 4941.7 | 5038.0 |
| 42.5° | 3057.9 | 3097.4 | 3184.9 | 3298.8 | 3469.8 | 3658.0 | 3842.1 | 4061.0 | 4240.8 | 4415.9 | 4538.7 |
| 45° | 2300.0 | 2352.5 | 2466.4 | 2624.2 | 2812.5 | 3031.6 | 3263.8 | 3509.1 | 3723.8 | 3903.4 | 4039.2 |
| 47.5° | 1791.9 | 1840.0 | 1954.0 | 2120.4 | 2352.5 | 2580.4 | 2821.3 | 3075.4 | 3298.8 | 3474.1 | 3592.4 |
| 50° | 1415.0 | 1476.3 | 1577.1 | 1752.4 | 1984.6 | 2225.5 | 2475.3 | 2724.8 | 2935.3 | 3084.2 | 3189.4 |
| 52.5° | 1112.8 | 1169.7 | 1266.0 | 1450.2 | 1686.7 | 1927.6 | 2159.7 | 2405.1 | 2589.1 | 2733.7 | 2803.8 |
| 55° | 863.0 | 915.7 | 1016.3 | 1169.7 | 1393.2 | 1629.8 | 1861.8 | 2072.3 | 2243.0 | 2348.2 | 2414.0 |
| 57.5° | 657.1 | 696.6 | 766.7 | 920.0 | 1121.6 | 1340.5 | 1537.8 | 1748.0 | 1879.5 | 1954.0 | 1997.6 |
| 60° | 499.5 | 530.1 | 604.6 | 722.9 | 906.8 | 1095.3 | 1261.7 | 1419.5 | 1524.6 | 1585.9 | 1629.8 |
| 62.5° | 376.7 | 411.9 | 464.3 | 565.1 | 705.2 | 858.7 | 998.8 | 1117.1 | 1204.7 | 1244.2 | 1274.9 |
| 65° | 258.4 | 284.7 | 324.2 | 403.0 | 521.3 | 630.8 | 740.4 | 828.0 | 885.0 | 928.8 | 946.3 |
| 67.5° | 192.8 | 210.3 | 232.3 | 293.6 | 376.7 | 464.3 | 538.8 | 600.1 | 661.6 | 679.1 | 709.7 |
| 70° | 144.6 | 157.8 | 179.6 | 223.4 | 271.6 | 332.9 | 394.4 | 429.3 | 473.2 | 503.8 | 512.7 |
| 72.5° | 92.0 | 96.3 | 118.3 | 144.6 | 183.9 | 223.4 | 262.9 | 293.6 | 319.9 | 337.4 | 346.0 |
| 75° | 52.7 | 78.8 | 78.8 | 105.1 | 131.5 | 148.9 | 175.3 | 197.1 | 210.3 | 223.4 | 223.4 |
| 77.5° | 35.0 | 48.1 | 52.7 | 65.6 | 78.8 | 100.8 | 122.6 | 135.8 | 148.9 | 153.3 | 153.3 |
| 80° | 30.7 | 35.0 | 35.0 | 48.1 | 57.0 | 74.5 | 87.6 | 92.0 | 100.8 | 105.1 | 114.0 |
| 82.5° | 13.2 | 17.5 | 21.8 | 35.0 | 39.5 | 39.5 | 52.7 | 57.0 | 65.6 | 70.1 | 70.1 |
| 85° | 4.3 | 8.8 | 8.8 | 13.2 | 21.8 | 26.3 | 30.7 | 35.0 | 39.5 | 39.5 | 43.8 |
| 87.5° | 4.3 | 4.3 | 0.0 | 4.3 | 8.8 | 8.8 | 17.5 | 17.5 | 17.5 | 26.3 | 26.3 |
| 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: P248656

CATALOG NUMBER: LSR8B150D010 EC8B150827 8LBSW0WMH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 | 8972.1 |
| 2.5° | 8893.3 | 8897.6 | 8880.1 | 8875.8 | 8867.0 | 8871.3 | 8880.1 |
| 5° | 8731.2 | 8735.5 | 8718.0 | 8700.5 | 8700.5 | 8696.0 | 8700.5 |
| 7.5° | 8577.7 | 8582.3 | 8555.9 | 8547.1 | 8529.6 | 8534.1 | 8534.1 |
| 10° | 8424.5 | 8424.5 | 8385.2 | 8380.7 | 8367.5 | 8363.2 | 8363.2 |
| 12.5° | 8275.5 | 8262.4 | 8231.7 | 8214.2 | 8223.1 | 8196.7 | 8196.7 |
| 15° | 8144.1 | 8122.3 | 8082.8 | 8069.6 | 8047.8 | 8038.9 | 8038.9 |
| 17.5° | 8008.3 | 7990.8 | 7955.8 | 7929.5 | 7903.2 | 7898.8 | 7903.2 |
| 20° | 7876.8 | 7859.3 | 7815.5 | 7798.0 | 7776.2 | 7776.2 | 7767.4 |
| 22.5° | 7745.4 | 7727.9 | 7688.6 | 7675.4 | 7644.8 | 7644.8 | 7649.1 |
| 25° | 7609.6 | 7596.4 | 7552.6 | 7544.0 | 7539.6 | 7522.0 | 7530.8 |
| 27.5° | 7425.7 | 7416.8 | 7381.8 | 7368.7 | 7351.2 | 7346.9 | 7355.5 |
| 30° | 7088.3 | 7075.1 | 7049.0 | 7035.8 | 7005.2 | 7009.5 | 7018.1 |
| 32.5° | 6667.8 | 6650.3 | 6615.1 | 6602.0 | 6575.8 | 6567.0 | 6571.3 |
| 35° | 6142.1 | 6129.0 | 6098.3 | 6098.3 | 6072.0 | 6063.2 | 6072.0 |
| 37.5° | 5607.7 | 5620.6 | 5607.7 | 5620.6 | 5607.7 | 5603.2 | 5607.7 |
| 40° | 5103.8 | 5152.0 | 5160.6 | 5209.0 | 5191.5 | 5217.6 | 5213.3 |
| 42.5° | 4621.8 | 4700.6 | 4731.5 | 4770.8 | 4762.1 | 4779.6 | 4792.8 |
| 45° | 4135.5 | 4201.3 | 4232.0 | 4258.3 | 4262.6 | 4271.5 | 4275.8 |
| 47.5° | 3675.5 | 3728.2 | 3732.5 | 3763.1 | 3758.8 | 3758.8 | 3772.0 |
| 50° | 3246.3 | 3281.3 | 3290.0 | 3312.0 | 3294.5 | 3285.7 | 3290.0 |
| 52.5° | 2847.6 | 2882.6 | 2873.8 | 2882.6 | 2860.8 | 2852.0 | 2856.3 |
| 55° | 2440.1 | 2457.6 | 2457.6 | 2457.6 | 2431.5 | 2431.5 | 2431.5 |
| 57.5° | 2023.9 | 2028.4 | 2019.6 | 2023.9 | 2019.6 | 1993.3 | 1989.0 |
| 60° | 1642.9 | 1642.9 | 1638.4 | 1642.9 | 1629.8 | 1616.6 | 1616.6 |
| 62.5° | 1283.5 | 1292.4 | 1309.9 | 1292.4 | 1283.5 | 1292.4 | 1279.2 |
| 65° | 959.5 | 977.0 | 972.5 | 981.3 | 977.0 | 977.0 | 968.1 |
| 67.5° | 722.9 | 727.2 | 731.6 | 736.1 | 736.1 | 736.1 | 736.1 |
| 70° | 530.1 | 543.3 | 538.8 | 538.8 | 538.8 | 538.8 | 565.1 |
| 72.5° | 354.9 | 372.4 | 368.0 | 376.7 | 376.7 | 385.5 | 376.7 |
| 75° | 240.9 | 258.4 | 249.7 | 262.9 | 258.4 | 249.7 | 271.6 |
| 77.5° | 162.1 | 170.9 | 175.3 | 179.6 | 175.3 | 170.9 | 175.3 |
| 80° | 114.0 | 122.6 | 118.3 | 122.6 | 122.6 | 122.6 | 127.1 |
| 82.5° | 70.1 | 83.3 | 78.8 | 83.3 | 78.8 | 83.3 | 83.3 |
| 85° | 48.1 | 52.7 | 43.8 | 52.7 | 48.1 | 48.1 | 57.0 |
| 87.5° | 30.7 | 26.3 | 26.3 | 30.7 | 26.3 | 30.7 | 26.3 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)