

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: P248998

Luminaire Tested: **LSR8B150D010 EC8B150835 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248998
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 EC8B150835 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3500 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16081.0 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Circular (Dia: 0.67' x H: 0')
CIE Type: Direct

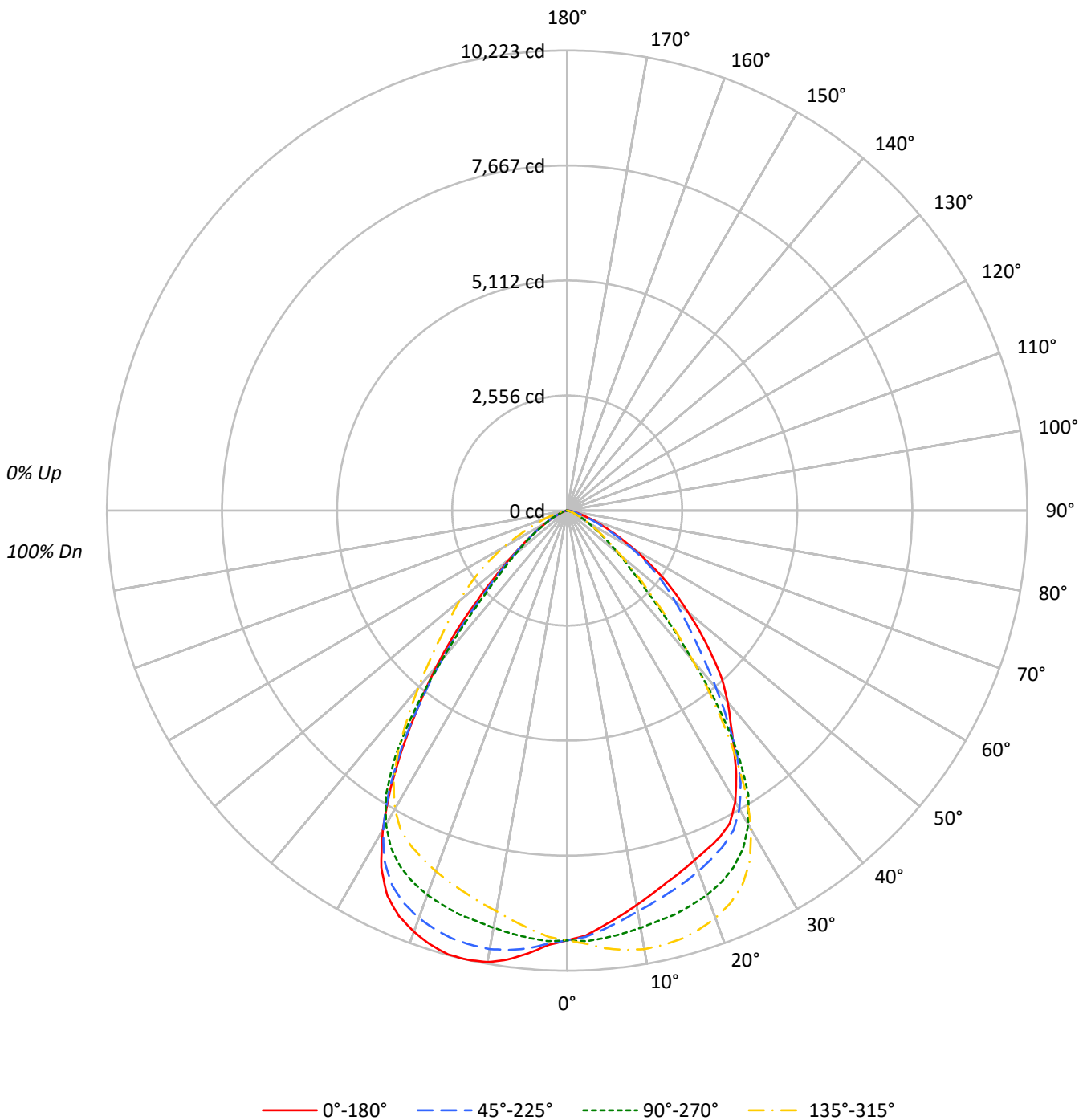
Input Watts (W): 158.5
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248998

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Luminous Intensity Polar Plot





TEST NUMBER: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|-----|---|--|---|
| RF | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | 20 | | | | | |
| RC | 80 | | | | | 70 | | | | | 50 | | | | | 30 | | | | | 10 | | | | | 0 |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | | |
| RCR | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | | 100 | | | |
| 1 | 112 | 109 | 106 | 103 | 109 | 106 | 104 | 101 | 102 | 100 | 98 | 99 | 97 | 95 | 95 | 94 | 92 | 90 | | | | | 90 | | | |
| 2 | 105 | 99 | 94 | 89 | 102 | 97 | 92 | 88 | 93 | 90 | 86 | 90 | 87 | 84 | 87 | 85 | 83 | 81 | | | | | 81 | | | |
| 3 | 98 | 90 | 83 | 78 | 95 | 88 | 82 | 78 | 85 | 80 | 76 | 83 | 79 | 75 | 80 | 77 | 74 | 72 | | | | | 72 | | | |
| 4 | 91 | 82 | 75 | 70 | 89 | 80 | 74 | 69 | 78 | 73 | 68 | 76 | 71 | 67 | 74 | 70 | 67 | 65 | | | | | 65 | | | |
| 5 | 85 | 75 | 68 | 62 | 83 | 74 | 67 | 62 | 72 | 66 | 61 | 70 | 65 | 61 | 68 | 64 | 60 | 58 | | | | | 58 | | | |
| 6 | 80 | 69 | 61 | 56 | 78 | 68 | 61 | 56 | 66 | 60 | 55 | 65 | 59 | 55 | 63 | 58 | 55 | 53 | | | | | 53 | | | |
| 7 | 75 | 63 | 56 | 51 | 73 | 63 | 56 | 51 | 61 | 55 | 50 | 60 | 54 | 50 | 59 | 54 | 50 | 48 | | | | | 48 | | | |
| 8 | 70 | 59 | 51 | 46 | 69 | 58 | 51 | 46 | 57 | 50 | 46 | 56 | 50 | 46 | 55 | 49 | 46 | 44 | | | | | 44 | | | |
| 9 | 66 | 54 | 47 | 42 | 65 | 54 | 47 | 42 | 53 | 47 | 42 | 52 | 46 | 42 | 51 | 46 | 42 | 40 | | | | | 40 | | | |
| 10 | 62 | 51 | 44 | 39 | 61 | 50 | 44 | 39 | 49 | 43 | 39 | 48 | 43 | 39 | 48 | 42 | 39 | 37 | | | | | 37 | | | |

AVERAGE LUMINANCE (cd/sqm):

| | 0° | 90° | 180° | 270° |
|-----|--------|--------|--------|--------|
| 0° | 294388 | 294388 | 294388 | 294388 |
| 5° | 286567 | 295079 | 305616 | 295079 |
| 10° | 278639 | 294693 | 318922 | 294693 |
| 15° | 273072 | 296441 | 325904 | 296441 |
| 20° | 271215 | 298137 | 326742 | 298137 |
| 25° | 272639 | 297537 | 321490 | 297537 |
| 30° | 265900 | 286648 | 291797 | 286648 |
| 35° | 243215 | 250055 | 237249 | 250055 |
| 40° | 223297 | 173941 | 181642 | 173941 |
| 45° | 198408 | 106114 | 122782 | 106114 |
| 50° | 167938 | 70885 | 78719 | 70885 |
| 55° | 139092 | 48369 | 51122 | 48369 |
| 60° | 106083 | 32199 | 32483 | 32199 |
| 65° | 75168 | 20065 | 18365 | 20065 |
| 70° | 54213 | 13443 | 12199 | 13443 |
| 75° | 34432 | 6672 | 5552 | 6672 |
| 80° | 24026 | 4972 | 4120 | 4972 |
| 85° | 21441 | 0 | 1628 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 908.7 | 5.7 |
| 10°-20° | 2631.3 | 16.4 |
| 20°-30° | 3984.4 | 24.8 |
| 30°-40° | 3993.4 | 24.8 |
| 40°-50° | 2507.6 | 15.6 |
| 50°-60° | 1336.3 | 8.3 |
| 60°-70° | 549.5 | 3.4 |
| 70°-80° | 145.2 | 0.9 |
| 80°-90° | 24.5 | 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° | 7524.4 | 46.8 |
| 0°-40° | 11517.8 | 71.6 |
| 0°-60° | 15361.8 | 95.5 |
| 0°-90° | 16081.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 16081.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|-------|------|------|------|
| 0° | 9547 | 9547 | 9547 | 9547 | 9547 | |
| 5° | 9258 | 9533 | 9873 | 9533 | 9258 | 873 |
| 15° | 8554 | 9286 | 10209 | 9286 | 8554 | 2419 |
| 25° | 8013 | 8745 | 9449 | 8745 | 8013 | 3675 |
| 35° | 6461 | 6643 | 6302 | 6643 | 6461 | 4048 |
| 45° | 4550 | 2433 | 2816 | 2433 | 4550 | 3499 |
| 55° | 2587 | 900 | 951 | 900 | 2587 | 2307 |
| 65° | 1030 | 275 | 252 | 275 | 1030 | 1069 |
| 75° | 289 | 56 | 47 | 56 | 289 | 327 |
| 85° | 61 | 0 | 5 | 0 | 61 | 67 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9448.9 | 9439.5 | 9434.9 | 9444.3 | 9448.9 | 9467.5 | 9462.9 | 9472.1 | 9472.1 | 9476.9 | 9486.1 |
| 5° | 9257.8 | 9253.0 | 9257.8 | 9257.8 | 9276.4 | 9295.0 | 9290.4 | 9304.4 | 9313.7 | 9337.1 | 9346.3 |
| 7.5° | 9080.7 | 9080.7 | 9075.9 | 9094.5 | 9103.9 | 9132.0 | 9127.2 | 9150.6 | 9164.6 | 9187.8 | 9220.4 |
| 10° | 8898.8 | 8898.8 | 8903.4 | 8917.4 | 8922.2 | 8964.1 | 8964.1 | 8996.7 | 9015.3 | 9038.7 | 9080.7 |
| 12.5° | 8721.7 | 8721.7 | 8749.7 | 8740.3 | 8759.0 | 8791.6 | 8805.6 | 8838.2 | 8866.2 | 8912.8 | 8954.9 |
| 15° | 8553.8 | 8553.8 | 8563.2 | 8586.5 | 8600.5 | 8642.5 | 8665.7 | 8703.1 | 8735.7 | 8782.4 | 8843.0 |
| 17.5° | 8409.4 | 8404.8 | 8409.4 | 8437.4 | 8465.4 | 8502.6 | 8521.2 | 8567.8 | 8600.5 | 8661.1 | 8717.1 |
| 20° | 8264.9 | 8274.3 | 8274.3 | 8297.5 | 8316.1 | 8362.7 | 8381.4 | 8432.8 | 8470.0 | 8525.8 | 8591.3 |
| 22.5° | 8139.0 | 8134.4 | 8134.4 | 8167.0 | 8181.0 | 8222.9 | 8241.5 | 8288.1 | 8330.1 | 8376.7 | 8437.4 |
| 25° | 8013.1 | 8003.7 | 8022.5 | 8027.2 | 8036.4 | 8083.0 | 8097.0 | 8129.6 | 8171.6 | 8213.7 | 8274.3 |
| 27.5° | 7826.6 | 7817.4 | 7822.0 | 7840.7 | 7854.7 | 7891.9 | 7901.3 | 7933.9 | 7966.5 | 8003.7 | 8055.2 |
| 30° | 7467.7 | 7458.4 | 7453.8 | 7486.5 | 7500.5 | 7528.3 | 7542.3 | 7598.3 | 7607.5 | 7649.6 | 7686.8 |
| 32.5° | 6992.2 | 6987.6 | 6997.0 | 7024.8 | 7038.8 | 7076.2 | 7094.8 | 7127.5 | 7150.7 | 7174.1 | 7211.3 |
| 35° | 6460.9 | 6451.5 | 6460.9 | 6488.9 | 6488.9 | 6521.5 | 6535.5 | 6549.4 | 6544.8 | 6549.4 | 6540.1 |
| 37.5° | 5966.8 | 5962.0 | 5966.8 | 5980.6 | 5966.8 | 5980.6 | 5966.8 | 5938.8 | 5887.6 | 5831.6 | 5775.5 |
| 40° | 5547.2 | 5551.8 | 5524.0 | 5542.6 | 5491.2 | 5482.0 | 5430.7 | 5360.7 | 5258.3 | 5146.4 | 4987.9 |
| 42.5° | 5099.8 | 5085.8 | 5067.1 | 5076.4 | 5034.5 | 5001.7 | 4917.9 | 4829.4 | 4698.8 | 4512.4 | 4321.1 |
| 45° | 4549.7 | 4545.1 | 4535.7 | 4531.1 | 4503.0 | 4470.4 | 4400.4 | 4297.9 | 4153.5 | 3962.3 | 3733.8 |
| 47.5° | 4013.6 | 3999.6 | 3999.6 | 4004.2 | 3971.6 | 3967.0 | 3910.9 | 3822.5 | 3696.6 | 3510.1 | 3272.4 |
| 50° | 3500.7 | 3496.1 | 3505.5 | 3524.1 | 3500.7 | 3491.5 | 3454.3 | 3393.6 | 3281.8 | 3123.3 | 2899.4 |
| 52.5° | 3039.3 | 3034.6 | 3044.0 | 3067.3 | 3057.9 | 3067.3 | 3030.0 | 2983.4 | 2908.8 | 2754.9 | 2559.2 |
| 55° | 2587.2 | 2587.2 | 2587.2 | 2615.0 | 2615.0 | 2615.0 | 2596.4 | 2568.6 | 2498.6 | 2386.7 | 2205.0 |
| 57.5° | 2116.3 | 2121.0 | 2149.0 | 2153.6 | 2149.0 | 2158.4 | 2153.6 | 2125.6 | 2079.1 | 1999.9 | 1860.0 |
| 60° | 1720.1 | 1720.1 | 1734.1 | 1748.1 | 1743.3 | 1748.1 | 1748.1 | 1734.1 | 1687.5 | 1622.3 | 1510.4 |
| 62.5° | 1361.1 | 1375.1 | 1365.7 | 1375.1 | 1393.8 | 1375.1 | 1365.7 | 1356.5 | 1323.9 | 1281.9 | 1188.6 |
| 65° | 1030.2 | 1039.6 | 1039.6 | 1044.2 | 1034.8 | 1039.6 | 1021.0 | 1006.9 | 988.3 | 941.7 | 881.1 |
| 67.5° | 783.2 | 783.2 | 783.2 | 783.2 | 778.4 | 773.8 | 769.2 | 755.2 | 722.6 | 704.0 | 638.5 |
| 70° | 601.3 | 573.3 | 573.3 | 573.3 | 573.3 | 578.1 | 564.1 | 545.5 | 536.1 | 503.5 | 456.8 |
| 72.5° | 400.8 | 410.2 | 400.8 | 400.8 | 391.6 | 396.2 | 377.6 | 368.2 | 359.0 | 340.4 | 312.4 |
| 75° | 289.0 | 265.7 | 275.0 | 279.7 | 265.7 | 275.0 | 256.3 | 237.7 | 237.7 | 223.7 | 209.7 |
| 77.5° | 186.5 | 181.9 | 186.5 | 191.1 | 186.5 | 181.9 | 172.5 | 163.1 | 163.1 | 158.5 | 144.5 |
| 80° | 135.3 | 130.5 | 130.5 | 130.5 | 125.9 | 130.5 | 121.3 | 121.3 | 111.9 | 107.3 | 97.9 |
| 82.5° | 88.6 | 88.6 | 83.8 | 88.6 | 83.8 | 88.6 | 74.6 | 74.6 | 74.6 | 69.8 | 60.6 |
| 85° | 60.6 | 51.2 | 51.2 | 56.0 | 46.6 | 56.0 | 51.2 | 46.6 | 42.0 | 42.0 | 37.2 |
| 87.5° | 28.0 | 32.6 | 28.0 | 32.6 | 28.0 | 28.0 | 32.6 | 28.0 | 28.0 | 18.6 | 18.6 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9500.2 | 9504.8 | 9504.8 | 9523.6 | 9532.8 | 9537.4 | 9537.4 | 9574.8 | 9560.8 | 9570.2 | 9579.4 |
| 5° | 9365.1 | 9392.9 | 9402.3 | 9402.3 | 9453.5 | 9472.1 | 9490.8 | 9532.8 | 9537.4 | 9565.4 | 9598.0 |
| 7.5° | 9234.4 | 9267.0 | 9285.8 | 9327.7 | 9360.3 | 9392.9 | 9448.9 | 9476.9 | 9504.8 | 9542.2 | 9584.0 |
| 10° | 9108.5 | 9146.0 | 9183.2 | 9215.8 | 9267.0 | 9309.1 | 9346.3 | 9411.5 | 9444.3 | 9495.6 | 9551.4 |
| 12.5° | 8987.5 | 9038.7 | 9071.3 | 9127.2 | 9183.2 | 9220.4 | 9276.4 | 9337.1 | 9388.3 | 9439.5 | 9504.8 |
| 15° | 8880.2 | 8940.8 | 8978.1 | 9038.7 | 9099.3 | 9150.6 | 9211.2 | 9285.8 | 9323.1 | 9383.7 | 9444.3 |
| 17.5° | 8763.6 | 8829.0 | 8875.6 | 8931.4 | 9006.1 | 9061.9 | 9113.3 | 9187.8 | 9234.4 | 9299.6 | 9369.7 |
| 20° | 8642.5 | 8707.7 | 8763.6 | 8819.6 | 8894.2 | 8950.1 | 9010.7 | 9085.3 | 9136.6 | 9201.8 | 9257.8 |
| 22.5° | 8498.0 | 8558.6 | 8619.1 | 8684.3 | 8759.0 | 8805.6 | 8875.6 | 8940.8 | 8996.7 | 9057.3 | 9113.3 |
| 25° | 8311.5 | 8386.1 | 8432.8 | 8493.2 | 8553.8 | 8605.1 | 8679.7 | 8744.9 | 8791.6 | 8847.6 | 8898.8 |
| 27.5° | 8092.4 | 8148.4 | 8185.6 | 8236.9 | 8297.5 | 8344.1 | 8400.0 | 8465.4 | 8512.0 | 8563.2 | 8600.5 |
| 30° | 7719.4 | 7770.8 | 7803.4 | 7840.7 | 7901.3 | 7943.3 | 7989.9 | 8050.4 | 8083.0 | 8120.4 | 8153.0 |
| 32.5° | 7229.9 | 7271.9 | 7290.6 | 7318.6 | 7360.6 | 7402.4 | 7439.8 | 7491.1 | 7505.1 | 7528.3 | 7528.3 |
| 35° | 6521.5 | 6530.7 | 6526.1 | 6535.5 | 6554.2 | 6577.4 | 6610.0 | 6642.6 | 6661.2 | 6661.2 | 6647.4 |
| 37.5° | 5691.7 | 5635.9 | 5575.2 | 5528.6 | 5514.6 | 5505.2 | 5524.0 | 5537.8 | 5556.6 | 5565.8 | 5542.6 |
| 40° | 4829.4 | 4703.5 | 4568.3 | 4447.0 | 4363.2 | 4325.9 | 4311.9 | 4321.1 | 4321.1 | 4353.8 | 4353.8 |
| 42.5° | 4088.2 | 3892.3 | 3692.0 | 3510.1 | 3388.8 | 3295.8 | 3253.8 | 3253.8 | 3258.4 | 3281.8 | 3295.8 |
| 45° | 3472.9 | 3225.8 | 2992.6 | 2792.3 | 2624.4 | 2503.2 | 2447.3 | 2433.3 | 2428.7 | 2437.9 | 2470.5 |
| 47.5° | 3002.0 | 2745.7 | 2503.2 | 2256.2 | 2079.1 | 1957.9 | 1906.6 | 1887.8 | 1869.2 | 1887.8 | 1892.6 |
| 50° | 2633.8 | 2368.1 | 2111.7 | 1864.6 | 1678.1 | 1570.9 | 1505.6 | 1477.6 | 1473.0 | 1473.0 | 1482.4 |
| 52.5° | 2298.1 | 2051.1 | 1794.8 | 1543.0 | 1347.1 | 1244.7 | 1184.0 | 1170.0 | 1151.4 | 1170.0 | 1170.0 |
| 55° | 1981.1 | 1734.1 | 1482.4 | 1244.7 | 1081.4 | 974.3 | 918.3 | 899.7 | 890.3 | 904.3 | 904.3 |
| 57.5° | 1636.3 | 1426.4 | 1193.4 | 978.9 | 815.8 | 741.2 | 699.2 | 676.0 | 671.2 | 680.6 | 671.2 |
| 60° | 1342.5 | 1165.4 | 964.9 | 769.2 | 643.3 | 564.1 | 531.5 | 522.1 | 512.7 | 522.1 | 522.1 |
| 62.5° | 1062.8 | 913.7 | 750.4 | 601.3 | 494.1 | 438.2 | 400.8 | 400.8 | 396.2 | 396.2 | 400.8 |
| 65° | 787.8 | 671.2 | 554.7 | 428.8 | 345.0 | 303.0 | 275.0 | 275.0 | 270.3 | 275.0 | 270.3 |
| 67.5° | 573.3 | 494.1 | 400.8 | 312.4 | 247.1 | 223.7 | 205.1 | 191.1 | 200.5 | 191.1 | 186.5 |
| 70° | 419.6 | 354.2 | 289.0 | 237.7 | 191.1 | 167.9 | 153.9 | 149.1 | 139.9 | 139.9 | 139.9 |
| 72.5° | 279.7 | 237.7 | 195.7 | 153.9 | 125.9 | 102.5 | 97.9 | 88.6 | 79.2 | 83.8 | 93.2 |
| 75° | 186.5 | 158.5 | 139.9 | 111.9 | 83.8 | 83.8 | 56.0 | 56.0 | 46.6 | 56.0 | 42.0 |
| 77.5° | 130.5 | 107.3 | 83.8 | 69.8 | 56.0 | 51.2 | 37.2 | 37.2 | 32.6 | 32.6 | 32.6 |
| 80° | 93.2 | 79.2 | 60.6 | 51.2 | 37.2 | 37.2 | 32.6 | 28.0 | 23.2 | 23.2 | 28.0 |
| 82.5° | 56.0 | 42.0 | 42.0 | 37.2 | 23.2 | 18.6 | 14.0 | 18.6 | 9.4 | 9.4 | 9.4 |
| 85° | 32.6 | 28.0 | 23.2 | 14.0 | 9.4 | 9.4 | 4.6 | 0.0 | 4.6 | 4.6 | 0.0 |
| 87.5° | 18.6 | 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: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|---------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9602.8 | 9598.0 | 9607.4 | 9607.4 | 9635.4 | 9630.6 | 9644.6 | 9644.6 | 9635.4 | 9640.0 | 9658.6 |
| 5° | 9635.4 | 9649.4 | 9677.3 | 9700.7 | 9742.5 | 9761.3 | 9784.5 | 9807.9 | 9812.5 | 9826.5 | 9840.5 |
| 7.5° | 9635.4 | 9682.1 | 9714.7 | 9756.5 | 9812.5 | 9845.1 | 9896.4 | 9938.4 | 9957.0 | 9980.2 | 10008.2 |
| 10° | 9616.6 | 9663.2 | 9723.9 | 9770.5 | 9840.5 | 9891.8 | 9943.0 | 10008.2 | 10036.2 | 10073.5 | 10110.9 |
| 12.5° | 9579.4 | 9630.6 | 9695.9 | 9756.5 | 9835.7 | 9882.4 | 9947.6 | 10008.2 | 10050.3 | 10101.5 | 10143.5 |
| 15° | 9523.6 | 9584.0 | 9644.6 | 9705.3 | 9789.1 | 9845.1 | 9905.8 | 9975.6 | 10017.6 | 10073.5 | 10110.9 |
| 17.5° | 9434.9 | 9500.2 | 9556.2 | 9612.0 | 9691.3 | 9756.5 | 9812.5 | 9877.8 | 9919.8 | 9966.4 | 10017.6 |
| 20° | 9327.7 | 9388.3 | 9448.9 | 9495.6 | 9574.8 | 9630.6 | 9691.3 | 9751.9 | 9784.5 | 9793.9 | 9873.2 |
| 22.5° | 9192.6 | 9234.4 | 9281.0 | 9355.7 | 9402.3 | 9453.5 | 9509.6 | 9565.4 | 9598.0 | 9649.4 | 9677.3 |
| 25° | 8968.7 | 9010.7 | 9061.9 | 9094.5 | 9150.6 | 9192.6 | 9248.4 | 9309.1 | 9327.7 | 9365.1 | 9392.9 |
| 27.5° | 8656.5 | 8679.7 | 8703.1 | 8730.9 | 8763.6 | 8787.0 | 8819.6 | 8847.6 | 8866.2 | 8884.8 | 8903.4 |
| 30° | 8162.2 | 8162.2 | 8162.2 | 8143.6 | 8157.6 | 8171.6 | 8176.2 | 8171.6 | 8171.6 | 8167.0 | 8167.0 |
| 32.5° | 7509.7 | 7472.5 | 7430.4 | 7393.2 | 7379.2 | 7360.6 | 7351.2 | 7337.2 | 7314.0 | 7300.0 | 7304.6 |
| 35° | 6628.6 | 6544.8 | 6493.5 | 6446.9 | 6409.7 | 6381.7 | 6367.7 | 6353.6 | 6349.0 | 6330.4 | 6311.6 |
| 37.5° | 5528.6 | 5468.0 | 5430.7 | 5402.7 | 5370.1 | 5342.1 | 5346.7 | 5351.5 | 5365.3 | 5356.1 | 5360.7 |
| 40° | 4363.2 | 4349.2 | 4363.2 | 4330.5 | 4321.1 | 4330.5 | 4353.8 | 4386.6 | 4405.2 | 4423.8 | 4456.4 |
| 42.5° | 3319.0 | 3342.2 | 3375.0 | 3375.0 | 3388.8 | 3407.6 | 3435.5 | 3486.9 | 3514.7 | 3547.3 | 3584.7 |
| 45° | 2498.6 | 2526.6 | 2568.6 | 2582.4 | 2591.8 | 2615.0 | 2647.8 | 2689.7 | 2708.3 | 2736.3 | 2768.9 |
| 47.5° | 1925.2 | 1943.9 | 1967.1 | 1990.5 | 2013.7 | 2023.1 | 2055.7 | 2055.7 | 2079.1 | 2097.7 | 2106.9 |
| 50° | 1501.0 | 1519.6 | 1538.2 | 1552.2 | 1561.6 | 1575.7 | 1584.9 | 1598.9 | 1603.5 | 1612.9 | 1617.5 |
| 52.5° | 1174.6 | 1198.0 | 1198.0 | 1207.3 | 1221.3 | 1235.3 | 1230.7 | 1235.3 | 1239.9 | 1239.9 | 1253.9 |
| 55° | 918.3 | 918.3 | 932.3 | 932.3 | 941.7 | 936.9 | 941.7 | 941.7 | 941.7 | 941.7 | 946.3 |
| 57.5° | 685.2 | 690.0 | 704.0 | 694.6 | 690.0 | 699.2 | 690.0 | 699.2 | 694.6 | 704.0 | 690.0 |
| 60° | 526.7 | 526.7 | 531.5 | 531.5 | 536.1 | 536.1 | 536.1 | 531.5 | 531.5 | 526.7 | 526.7 |
| 62.5° | 396.2 | 400.8 | 405.6 | 400.8 | 400.8 | 400.8 | 396.2 | 396.2 | 391.6 | 386.8 | 386.8 |
| 65° | 265.7 | 261.1 | 270.3 | 261.1 | 265.7 | 265.7 | 261.1 | 265.7 | 251.7 | 256.3 | 251.7 |
| 67.5° | 191.1 | 186.5 | 181.9 | 186.5 | 181.9 | 177.1 | 177.1 | 181.9 | 186.5 | 172.5 | 172.5 |
| 70° | 125.9 | 130.5 | 125.9 | 130.5 | 135.3 | 135.3 | 130.5 | 125.9 | 130.5 | 121.3 | 125.9 |
| 72.5° | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 83.8 | 83.8 | 83.8 | 74.6 | 74.6 | 69.8 |
| 75° | 37.2 | 51.2 | 42.0 | 37.2 | 51.2 | 51.2 | 46.6 | 46.6 | 42.0 | 42.0 | 42.0 |
| 77.5° | 37.2 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 23.2 | 28.0 | 23.2 |
| 80° | 18.6 | 18.6 | 18.6 | 14.0 | 18.6 | 18.6 | 23.2 | 18.6 | 18.6 | 14.0 | 23.2 |
| 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: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9654.0 | 9649.4 | 9654.0 | 9658.6 | 9654.0 | 9649.4 | 9654.0 | 9658.6 | 9640.0 | 9635.4 | 9644.6 |
| 5° | 9859.1 | 9859.1 | 9868.4 | 9873.2 | 9868.4 | 9859.1 | 9859.1 | 9840.5 | 9826.5 | 9812.5 | 9807.9 |
| 7.5° | 10036.2 | 10045.6 | 10054.9 | 10059.5 | 10054.9 | 10045.6 | 10036.2 | 10008.2 | 9980.2 | 9957.0 | 9938.4 |
| 10° | 10143.5 | 10157.5 | 10176.1 | 10185.3 | 10176.1 | 10157.5 | 10143.5 | 10110.9 | 10073.5 | 10036.2 | 10008.2 |
| 12.5° | 10190.1 | 10204.1 | 10227.4 | 10222.7 | 10227.4 | 10204.1 | 10190.1 | 10143.5 | 10101.5 | 10050.3 | 10008.2 |
| 15° | 10157.5 | 10176.1 | 10199.3 | 10208.7 | 10199.3 | 10176.1 | 10157.5 | 10110.9 | 10073.5 | 10017.6 | 9975.6 |
| 17.5° | 10054.9 | 10082.9 | 10096.9 | 10110.9 | 10096.9 | 10082.9 | 10054.9 | 10017.6 | 9966.4 | 9919.8 | 9877.8 |
| 20° | 9915.0 | 9933.8 | 9952.4 | 9957.0 | 9952.4 | 9933.8 | 9915.0 | 9873.2 | 9793.9 | 9784.5 | 9751.9 |
| 22.5° | 9714.7 | 9728.7 | 9770.5 | 9756.5 | 9770.5 | 9728.7 | 9714.7 | 9677.3 | 9649.4 | 9598.0 | 9565.4 |
| 25° | 9425.5 | 9439.5 | 9444.3 | 9448.9 | 9444.3 | 9439.5 | 9425.5 | 9392.9 | 9365.1 | 9327.7 | 9309.1 |
| 27.5° | 8926.8 | 8926.8 | 8936.1 | 8940.8 | 8936.1 | 8926.8 | 8926.8 | 8903.4 | 8884.8 | 8866.2 | 8847.6 |
| 30° | 8171.6 | 8171.6 | 8171.6 | 8195.0 | 8171.6 | 8171.6 | 8171.6 | 8167.0 | 8167.0 | 8171.6 | 8171.6 |
| 32.5° | 7300.0 | 7290.6 | 7281.3 | 7290.6 | 7281.3 | 7290.6 | 7300.0 | 7304.6 | 7300.0 | 7314.0 | 7337.2 |
| 35° | 6311.6 | 6307.0 | 6321.0 | 6302.4 | 6321.0 | 6307.0 | 6311.6 | 6311.6 | 6330.4 | 6349.0 | 6353.6 |
| 37.5° | 5365.3 | 5356.1 | 5374.7 | 5356.1 | 5374.7 | 5356.1 | 5365.3 | 5360.7 | 5356.1 | 5365.3 | 5351.5 |
| 40° | 4465.8 | 4475.0 | 4475.0 | 4512.4 | 4475.0 | 4475.0 | 4465.8 | 4456.4 | 4423.8 | 4405.2 | 4386.6 |
| 42.5° | 3603.4 | 3631.4 | 3622.0 | 3650.0 | 3622.0 | 3631.4 | 3603.4 | 3584.7 | 3547.3 | 3514.7 | 3486.9 |
| 45° | 2787.5 | 2806.3 | 2806.3 | 2815.5 | 2806.3 | 2806.3 | 2787.5 | 2768.9 | 2736.3 | 2708.3 | 2689.7 |
| 47.5° | 2139.6 | 2139.6 | 2139.6 | 2144.4 | 2139.6 | 2139.6 | 2139.6 | 2106.9 | 2097.7 | 2079.1 | 2055.7 |
| 50° | 1626.9 | 1631.5 | 1636.3 | 1640.9 | 1636.3 | 1631.5 | 1626.9 | 1617.5 | 1612.9 | 1603.5 | 1598.9 |
| 52.5° | 1249.3 | 1253.9 | 1244.7 | 1253.9 | 1244.7 | 1253.9 | 1249.3 | 1253.9 | 1239.9 | 1239.9 | 1235.3 |
| 55° | 946.3 | 941.7 | 946.3 | 950.9 | 946.3 | 941.7 | 946.3 | 946.3 | 941.7 | 941.7 | 941.7 |
| 57.5° | 694.6 | 685.2 | 685.2 | 685.2 | 685.2 | 685.2 | 694.6 | 690.0 | 704.0 | 694.6 | 699.2 |
| 60° | 517.5 | 522.1 | 522.1 | 526.7 | 522.1 | 522.1 | 517.5 | 526.7 | 526.7 | 531.5 | 531.5 |
| 62.5° | 382.2 | 396.2 | 386.8 | 396.2 | 386.8 | 396.2 | 382.2 | 386.8 | 386.8 | 391.6 | 396.2 |
| 65° | 247.1 | 247.1 | 247.1 | 251.7 | 247.1 | 247.1 | 247.1 | 251.7 | 256.3 | 251.7 | 265.7 |
| 67.5° | 167.9 | 172.5 | 181.9 | 177.1 | 181.9 | 172.5 | 167.9 | 172.5 | 172.5 | 186.5 | 181.9 |
| 70° | 135.3 | 121.3 | 121.3 | 135.3 | 121.3 | 121.3 | 135.3 | 125.9 | 121.3 | 130.5 | 125.9 |
| 72.5° | 79.2 | 69.8 | 79.2 | 79.2 | 79.2 | 69.8 | 79.2 | 69.8 | 74.6 | 74.6 | 83.8 |
| 75° | 42.0 | 37.2 | 32.6 | 46.6 | 32.6 | 37.2 | 42.0 | 42.0 | 42.0 | 42.0 | 46.6 |
| 77.5° | 28.0 | 23.2 | 32.6 | 32.6 | 32.6 | 23.2 | 28.0 | 23.2 | 28.0 | 23.2 | 28.0 |
| 80° | 14.0 | 18.6 | 14.0 | 23.2 | 14.0 | 18.6 | 14.0 | 23.2 | 14.0 | 18.6 | 18.6 |
| 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: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9644.6 | 9630.6 | 9635.4 | 9607.4 | 9607.4 | 9598.0 | 9602.8 | 9579.4 | 9570.2 | 9560.8 | 9574.8 |
| 5° | 9784.5 | 9761.3 | 9742.5 | 9700.7 | 9677.3 | 9649.4 | 9635.4 | 9598.0 | 9565.4 | 9537.4 | 9532.8 |
| 7.5° | 9896.4 | 9845.1 | 9812.5 | 9756.5 | 9714.7 | 9682.1 | 9635.4 | 9584.0 | 9542.2 | 9504.8 | 9476.9 |
| 10° | 9943.0 | 9891.8 | 9840.5 | 9770.5 | 9723.9 | 9663.2 | 9616.6 | 9551.4 | 9495.6 | 9444.3 | 9411.5 |
| 12.5° | 9947.6 | 9882.4 | 9835.7 | 9756.5 | 9695.9 | 9630.6 | 9579.4 | 9504.8 | 9439.5 | 9388.3 | 9337.1 |
| 15° | 9905.8 | 9845.1 | 9789.1 | 9705.3 | 9644.6 | 9584.0 | 9523.6 | 9444.3 | 9383.7 | 9323.1 | 9285.8 |
| 17.5° | 9812.5 | 9756.5 | 9691.3 | 9612.0 | 9556.2 | 9500.2 | 9434.9 | 9369.7 | 9299.6 | 9234.4 | 9187.8 |
| 20° | 9691.3 | 9630.6 | 9574.8 | 9495.6 | 9448.9 | 9388.3 | 9327.7 | 9257.8 | 9201.8 | 9136.6 | 9085.3 |
| 22.5° | 9509.6 | 9453.5 | 9402.3 | 9355.7 | 9281.0 | 9234.4 | 9192.6 | 9113.3 | 9057.3 | 8996.7 | 8940.8 |
| 25° | 9248.4 | 9192.6 | 9150.6 | 9094.5 | 9061.9 | 9010.7 | 8968.7 | 8898.8 | 8847.6 | 8791.6 | 8744.9 |
| 27.5° | 8819.6 | 8787.0 | 8763.6 | 8730.9 | 8703.1 | 8679.7 | 8656.5 | 8600.5 | 8563.2 | 8512.0 | 8465.4 |
| 30° | 8176.2 | 8171.6 | 8157.6 | 8143.6 | 8162.2 | 8162.2 | 8162.2 | 8153.0 | 8120.4 | 8083.0 | 8050.4 |
| 32.5° | 7351.2 | 7360.6 | 7379.2 | 7393.2 | 7430.4 | 7472.5 | 7509.7 | 7528.3 | 7528.3 | 7505.1 | 7491.1 |
| 35° | 6367.7 | 6381.7 | 6409.7 | 6446.9 | 6493.5 | 6544.8 | 6628.6 | 6647.4 | 6661.2 | 6661.2 | 6642.6 |
| 37.5° | 5346.7 | 5342.1 | 5370.1 | 5402.7 | 5430.7 | 5468.0 | 5528.6 | 5542.6 | 5565.8 | 5556.6 | 5537.8 |
| 40° | 4353.8 | 4330.5 | 4321.1 | 4330.5 | 4363.2 | 4349.2 | 4363.2 | 4353.8 | 4353.8 | 4321.1 | 4321.1 |
| 42.5° | 3435.5 | 3407.6 | 3388.8 | 3375.0 | 3375.0 | 3342.2 | 3319.0 | 3295.8 | 3281.8 | 3258.4 | 3253.8 |
| 45° | 2647.8 | 2615.0 | 2591.8 | 2582.4 | 2568.6 | 2526.6 | 2498.6 | 2470.5 | 2437.9 | 2428.7 | 2433.3 |
| 47.5° | 2055.7 | 2023.1 | 2013.7 | 1990.5 | 1967.1 | 1943.9 | 1925.2 | 1892.6 | 1887.8 | 1869.2 | 1887.8 |
| 50° | 1584.9 | 1575.7 | 1561.6 | 1552.2 | 1538.2 | 1519.6 | 1501.0 | 1482.4 | 1473.0 | 1473.0 | 1477.6 |
| 52.5° | 1230.7 | 1235.3 | 1221.3 | 1207.3 | 1198.0 | 1198.0 | 1174.6 | 1170.0 | 1170.0 | 1151.4 | 1170.0 |
| 55° | 941.7 | 936.9 | 941.7 | 932.3 | 932.3 | 918.3 | 918.3 | 904.3 | 904.3 | 890.3 | 899.7 |
| 57.5° | 690.0 | 699.2 | 690.0 | 694.6 | 704.0 | 690.0 | 685.2 | 671.2 | 680.6 | 671.2 | 676.0 |
| 60° | 536.1 | 536.1 | 536.1 | 531.5 | 531.5 | 526.7 | 526.7 | 522.1 | 522.1 | 512.7 | 522.1 |
| 62.5° | 396.2 | 400.8 | 400.8 | 400.8 | 405.6 | 400.8 | 396.2 | 400.8 | 396.2 | 396.2 | 400.8 |
| 65° | 261.1 | 265.7 | 265.7 | 261.1 | 270.3 | 261.1 | 265.7 | 270.3 | 275.0 | 270.3 | 275.0 |
| 67.5° | 177.1 | 177.1 | 181.9 | 186.5 | 181.9 | 186.5 | 191.1 | 186.5 | 191.1 | 200.5 | 191.1 |
| 70° | 130.5 | 135.3 | 135.3 | 130.5 | 125.9 | 130.5 | 125.9 | 139.9 | 139.9 | 139.9 | 149.1 |
| 72.5° | 83.8 | 83.8 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 93.2 | 83.8 | 79.2 | 88.6 |
| 75° | 46.6 | 51.2 | 51.2 | 37.2 | 42.0 | 51.2 | 37.2 | 42.0 | 56.0 | 46.6 | 56.0 |
| 77.5° | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 37.2 | 32.6 | 32.6 | 32.6 | 37.2 |
| 80° | 23.2 | 18.6 | 18.6 | 14.0 | 18.6 | 18.6 | 18.6 | 28.0 | 23.2 | 23.2 | 28.0 |
| 82.5° | 9.4 | 9.4 | 4.6 | 0.0 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 9.4 | 18.6 |
| 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: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9537.4 | 9537.4 | 9532.8 | 9523.6 | 9504.8 | 9504.8 | 9500.2 | 9486.1 | 9476.9 | 9472.1 | 9472.1 |
| 5° | 9490.8 | 9472.1 | 9453.5 | 9402.3 | 9402.3 | 9392.9 | 9365.1 | 9346.3 | 9337.1 | 9313.7 | 9304.4 |
| 7.5° | 9448.9 | 9392.9 | 9360.3 | 9327.7 | 9285.8 | 9267.0 | 9234.4 | 9220.4 | 9187.8 | 9164.6 | 9150.6 |
| 10° | 9346.3 | 9309.1 | 9267.0 | 9215.8 | 9183.2 | 9146.0 | 9108.5 | 9080.7 | 9038.7 | 9015.3 | 8996.7 |
| 12.5° | 9276.4 | 9220.4 | 9183.2 | 9127.2 | 9071.3 | 9038.7 | 8987.5 | 8954.9 | 8912.8 | 8866.2 | 8838.2 |
| 15° | 9211.2 | 9150.6 | 9099.3 | 9038.7 | 8978.1 | 8940.8 | 8880.2 | 8843.0 | 8782.4 | 8735.7 | 8703.1 |
| 17.5° | 9113.3 | 9061.9 | 9006.1 | 8931.4 | 8875.6 | 8829.0 | 8763.6 | 8717.1 | 8661.1 | 8600.5 | 8567.8 |
| 20° | 9010.7 | 8950.1 | 8894.2 | 8819.6 | 8763.6 | 8707.7 | 8642.5 | 8591.3 | 8525.8 | 8470.0 | 8432.8 |
| 22.5° | 8875.6 | 8805.6 | 8759.0 | 8684.3 | 8619.1 | 8558.6 | 8498.0 | 8437.4 | 8376.7 | 8330.1 | 8288.1 |
| 25° | 8679.7 | 8605.1 | 8553.8 | 8493.2 | 8432.8 | 8386.1 | 8311.5 | 8274.3 | 8213.7 | 8171.6 | 8129.6 |
| 27.5° | 8400.0 | 8344.1 | 8297.5 | 8236.9 | 8185.6 | 8148.4 | 8092.4 | 8055.2 | 8003.7 | 7966.5 | 7933.9 |
| 30° | 7989.9 | 7943.3 | 7901.3 | 7840.7 | 7803.4 | 7770.8 | 7719.4 | 7686.8 | 7649.6 | 7607.5 | 7598.3 |
| 32.5° | 7439.8 | 7402.4 | 7360.6 | 7318.6 | 7290.6 | 7271.9 | 7229.9 | 7211.3 | 7174.1 | 7150.7 | 7127.5 |
| 35° | 6610.0 | 6577.4 | 6554.2 | 6535.5 | 6526.1 | 6530.7 | 6521.5 | 6540.1 | 6549.4 | 6544.8 | 6549.4 |
| 37.5° | 5524.0 | 5505.2 | 5514.6 | 5528.6 | 5575.2 | 5635.9 | 5691.7 | 5775.5 | 5831.6 | 5887.6 | 5938.8 |
| 40° | 4311.9 | 4325.9 | 4363.2 | 4447.0 | 4568.3 | 4703.5 | 4829.4 | 4987.9 | 5146.4 | 5258.3 | 5360.7 |
| 42.5° | 3253.8 | 3295.8 | 3388.8 | 3510.1 | 3692.0 | 3892.3 | 4088.2 | 4321.1 | 4512.4 | 4698.8 | 4829.4 |
| 45° | 2447.3 | 2503.2 | 2624.4 | 2792.3 | 2992.6 | 3225.8 | 3472.9 | 3733.8 | 3962.3 | 4153.5 | 4297.9 |
| 47.5° | 1906.6 | 1957.9 | 2079.1 | 2256.2 | 2503.2 | 2745.7 | 3002.0 | 3272.4 | 3510.1 | 3696.6 | 3822.5 |
| 50° | 1505.6 | 1570.9 | 1678.1 | 1864.6 | 2111.7 | 2368.1 | 2633.8 | 2899.4 | 3123.3 | 3281.8 | 3393.6 |
| 52.5° | 1184.0 | 1244.7 | 1347.1 | 1543.0 | 1794.8 | 2051.1 | 2298.1 | 2559.2 | 2754.9 | 2908.8 | 2983.4 |
| 55° | 918.3 | 974.3 | 1081.4 | 1244.7 | 1482.4 | 1734.1 | 1981.1 | 2205.0 | 2386.7 | 2498.6 | 2568.6 |
| 57.5° | 699.2 | 741.2 | 815.8 | 978.9 | 1193.4 | 1426.4 | 1636.3 | 1860.0 | 1999.9 | 2079.1 | 2125.6 |
| 60° | 531.5 | 564.1 | 643.3 | 769.2 | 964.9 | 1165.4 | 1342.5 | 1510.4 | 1622.3 | 1687.5 | 1734.1 |
| 62.5° | 400.8 | 438.2 | 494.1 | 601.3 | 750.4 | 913.7 | 1062.8 | 1188.6 | 1281.9 | 1323.9 | 1356.5 |
| 65° | 275.0 | 303.0 | 345.0 | 428.8 | 554.7 | 671.2 | 787.8 | 881.1 | 941.7 | 988.3 | 1006.9 |
| 67.5° | 205.1 | 223.7 | 247.1 | 312.4 | 400.8 | 494.1 | 573.3 | 638.5 | 704.0 | 722.6 | 755.2 |
| 70° | 153.9 | 167.9 | 191.1 | 237.7 | 289.0 | 354.2 | 419.6 | 456.8 | 503.5 | 536.1 | 545.5 |
| 72.5° | 97.9 | 102.5 | 125.9 | 153.9 | 195.7 | 237.7 | 279.7 | 312.4 | 340.4 | 359.0 | 368.2 |
| 75° | 56.0 | 83.8 | 83.8 | 111.9 | 139.9 | 158.5 | 186.5 | 209.7 | 223.7 | 237.7 | 237.7 |
| 77.5° | 37.2 | 51.2 | 56.0 | 69.8 | 83.8 | 107.3 | 130.5 | 144.5 | 158.5 | 163.1 | 163.1 |
| 80° | 32.6 | 37.2 | 37.2 | 51.2 | 60.6 | 79.2 | 93.2 | 97.9 | 107.3 | 111.9 | 121.3 |
| 82.5° | 14.0 | 18.6 | 23.2 | 37.2 | 42.0 | 42.0 | 56.0 | 60.6 | 69.8 | 74.6 | 74.6 |
| 85° | 4.6 | 9.4 | 9.4 | 14.0 | 23.2 | 28.0 | 32.6 | 37.2 | 42.0 | 42.0 | 46.6 |
| 87.5° | 4.6 | 4.6 | 0.0 | 4.6 | 9.4 | 9.4 | 18.6 | 18.6 | 18.6 | 28.0 | 28.0 |
| 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: P248998

CATALOG NUMBER: LSR8B150D010 EC8B150835 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 | 9546.8 |
| 2.5° | 9462.9 | 9467.5 | 9448.9 | 9444.3 | 9434.9 | 9439.5 | 9448.9 |
| 5° | 9290.4 | 9295.0 | 9276.4 | 9257.8 | 9257.8 | 9253.0 | 9257.8 |
| 7.5° | 9127.2 | 9132.0 | 9103.9 | 9094.5 | 9075.9 | 9080.7 | 9080.7 |
| 10° | 8964.1 | 8964.1 | 8922.2 | 8917.4 | 8903.4 | 8898.8 | 8898.8 |
| 12.5° | 8805.6 | 8791.6 | 8759.0 | 8740.3 | 8749.7 | 8721.7 | 8721.7 |
| 15° | 8665.7 | 8642.5 | 8600.5 | 8586.5 | 8563.2 | 8553.8 | 8553.8 |
| 17.5° | 8521.2 | 8502.6 | 8465.4 | 8437.4 | 8409.4 | 8404.8 | 8409.4 |
| 20° | 8381.4 | 8362.7 | 8316.1 | 8297.5 | 8274.3 | 8274.3 | 8264.9 |
| 22.5° | 8241.5 | 8222.9 | 8181.0 | 8167.0 | 8134.4 | 8134.4 | 8139.0 |
| 25° | 8097.0 | 8083.0 | 8036.4 | 8027.2 | 8022.5 | 8003.7 | 8013.1 |
| 27.5° | 7901.3 | 7891.9 | 7854.7 | 7840.7 | 7822.0 | 7817.4 | 7826.6 |
| 30° | 7542.3 | 7528.3 | 7500.5 | 7486.5 | 7453.8 | 7458.4 | 7467.7 |
| 32.5° | 7094.8 | 7076.2 | 7038.8 | 7024.8 | 6997.0 | 6987.6 | 6992.2 |
| 35° | 6535.5 | 6521.5 | 6488.9 | 6488.9 | 6460.9 | 6451.5 | 6460.9 |
| 37.5° | 5966.8 | 5980.6 | 5966.8 | 5980.6 | 5966.8 | 5962.0 | 5966.8 |
| 40° | 5430.7 | 5482.0 | 5491.2 | 5542.6 | 5524.0 | 5551.8 | 5547.2 |
| 42.5° | 4917.9 | 5001.7 | 5034.5 | 5076.4 | 5067.1 | 5085.8 | 5099.8 |
| 45° | 4400.4 | 4470.4 | 4503.0 | 4531.1 | 4535.7 | 4545.1 | 4549.7 |
| 47.5° | 3910.9 | 3967.0 | 3971.6 | 4004.2 | 3999.6 | 3999.6 | 4013.6 |
| 50° | 3454.3 | 3491.5 | 3500.7 | 3524.1 | 3505.5 | 3496.1 | 3500.7 |
| 52.5° | 3030.0 | 3067.3 | 3057.9 | 3067.3 | 3044.0 | 3034.6 | 3039.3 |
| 55° | 2596.4 | 2615.0 | 2615.0 | 2615.0 | 2587.2 | 2587.2 | 2587.2 |
| 57.5° | 2153.6 | 2158.4 | 2149.0 | 2153.6 | 2149.0 | 2121.0 | 2116.3 |
| 60° | 1748.1 | 1748.1 | 1743.3 | 1748.1 | 1734.1 | 1720.1 | 1720.1 |
| 62.5° | 1365.7 | 1375.1 | 1393.8 | 1375.1 | 1365.7 | 1375.1 | 1361.1 |
| 65° | 1021.0 | 1039.6 | 1034.8 | 1044.2 | 1039.6 | 1039.6 | 1030.2 |
| 67.5° | 769.2 | 773.8 | 778.4 | 783.2 | 783.2 | 783.2 | 783.2 |
| 70° | 564.1 | 578.1 | 573.3 | 573.3 | 573.3 | 573.3 | 601.3 |
| 72.5° | 377.6 | 396.2 | 391.6 | 400.8 | 400.8 | 410.2 | 400.8 |
| 75° | 256.3 | 275.0 | 265.7 | 279.7 | 275.0 | 265.7 | 289.0 |
| 77.5° | 172.5 | 181.9 | 186.5 | 191.1 | 186.5 | 181.9 | 186.5 |
| 80° | 121.3 | 130.5 | 125.9 | 130.5 | 130.5 | 130.5 | 135.3 |
| 82.5° | 74.6 | 88.6 | 83.8 | 88.6 | 83.8 | 88.6 | 88.6 |
| 85° | 51.2 | 56.0 | 46.6 | 56.0 | 51.2 | 51.2 | 60.6 |
| 87.5° | 32.6 | 28.0 | 28.0 | 32.6 | 28.0 | 32.6 | 28.0 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)