

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: P249077

Luminaire Tested: **LSR8B100D010 EC8B100930 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P249077
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: LSR8B100D010 EC8B100930 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
97 CRI 3000 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 8888.4 lumens
Efficiency: N/A
Efficacy: 83.6 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.23 / 1.15
Luminous Opening: Point Source (0' x 0' x 0')
CIE Type: Direct

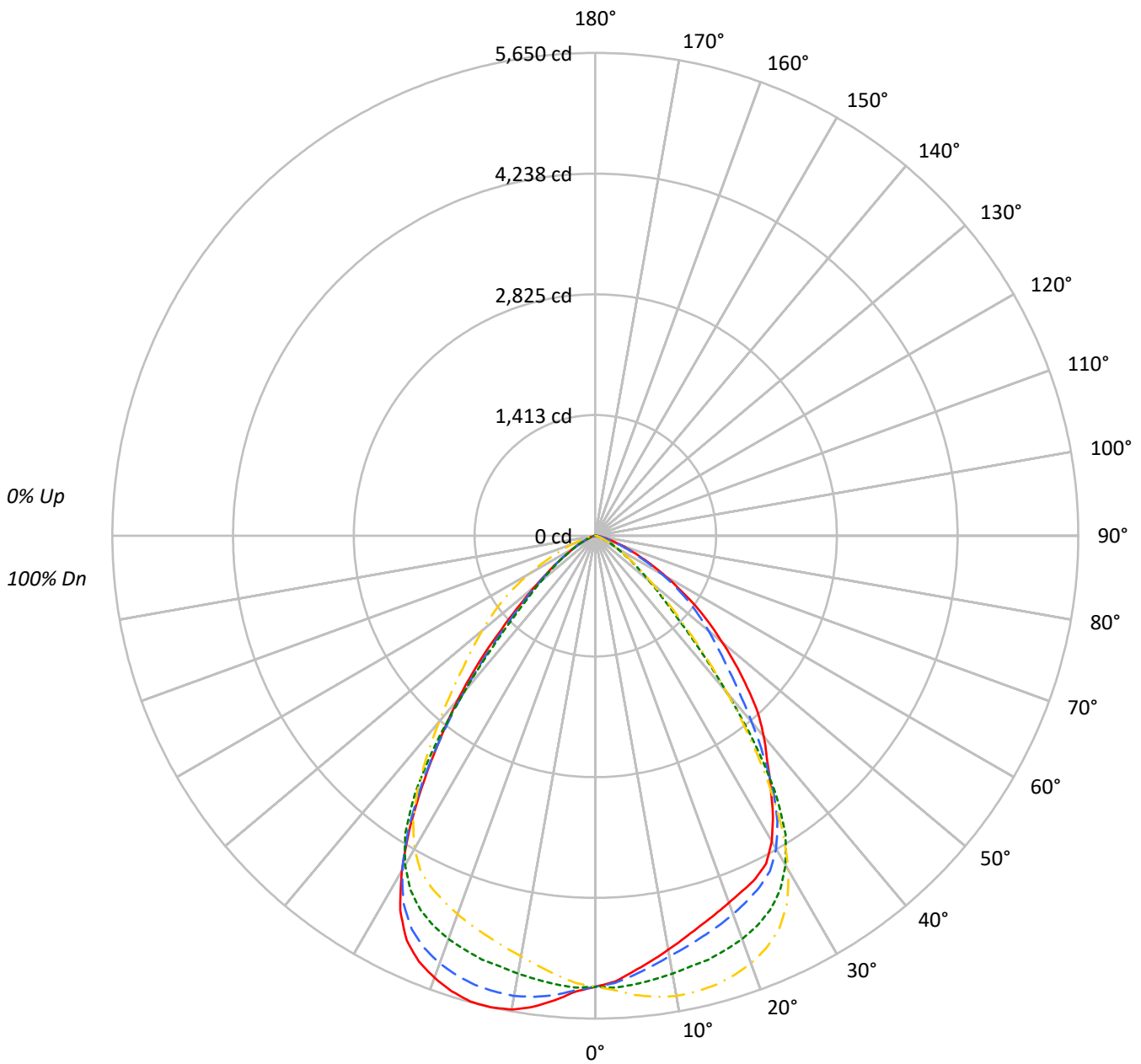
Input Watts (W): 106.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P249077

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

| | | | | |
|-----|--|-----|------|------|
| | 0° | 90° | 180° | 270° |
| 0° | Luminaire represents a point source (luminous area is zero). | | | |
| 5° | No luminance values can be calculated. | | | |
| 10° | | | | |
| 15° | | | | |
| 20° | | | | |
| 25° | | | | |
| 30° | | | | |
| 35° | | | | |
| 40° | | | | |
| 45° | | | | |
| 50° | | | | |
| 55° | | | | |
| 60° | | | | |
| 65° | | | | |
| 70° | | | | |
| 75° | | | | |
| 80° | | | | |
| 85° | | | | |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 502.3 | 5.7 |
| 10°-20° | 1454.4 | 16.4 |
| 20°-30° | 2202.3 | 24.8 |
| 30°-40° | 2207.2 | 24.8 |
| 40°-50° | 1386.0 | 15.6 |
| 50°-60° | 738.6 | 8.3 |
| 60°-70° | 303.7 | 3.4 |
| 70°-80° | 80.2 | 0.9 |
| 80°-90° | 13.6 | 0.2 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 4159.0 | 46.8 |
| 0°-40° | 6366.2 | 71.6 |
| 0°-60° | 8490.9 | 95.5 |
| 0°-90° | 8888.4 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 8888.4 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 5277 | 5277 | 5277 | 5277 | 5277 | |
| 5° | 5117 | 5269 | 5457 | 5269 | 5117 | 483 |
| 15° | 4728 | 5132 | 5643 | 5132 | 4728 | 1337 |
| 25° | 4429 | 4834 | 5223 | 4834 | 4429 | 2031 |
| 35° | 3571 | 3672 | 3484 | 3672 | 3571 | 2237 |
| 45° | 2515 | 1345 | 1556 | 1345 | 2515 | 1934 |
| 55° | 1430 | 497 | 526 | 497 | 1430 | 1275 |
| 65° | 569 | 152 | 139 | 152 | 569 | 591 |
| 75° | 160 | 31 | 26 | 31 | 160 | 181 |
| 85° | 34 | 0 | 3 | 0 | 34 | 37 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5222.6 | 5217.5 | 5214.9 | 5220.2 | 5222.6 | 5232.9 | 5230.5 | 5235.5 | 5235.5 | 5238.2 | 5243.3 |
| 5° | 5117.0 | 5114.5 | 5117.0 | 5117.0 | 5127.3 | 5137.7 | 5135.1 | 5142.8 | 5148.0 | 5160.9 | 5165.9 |
| 7.5° | 5019.2 | 5019.2 | 5016.5 | 5026.8 | 5031.9 | 5047.5 | 5044.8 | 5057.7 | 5065.5 | 5078.4 | 5096.4 |
| 10° | 4918.6 | 4918.6 | 4921.2 | 4928.9 | 4931.6 | 4954.7 | 4954.7 | 4972.8 | 4983.0 | 4996.0 | 5019.2 |
| 12.5° | 4820.7 | 4820.7 | 4836.2 | 4831.1 | 4841.3 | 4859.3 | 4867.0 | 4885.1 | 4900.6 | 4926.3 | 4949.6 |
| 15° | 4727.9 | 4727.9 | 4733.1 | 4746.0 | 4753.7 | 4776.9 | 4789.8 | 4810.4 | 4828.5 | 4854.3 | 4887.8 |
| 17.5° | 4648.1 | 4645.5 | 4648.1 | 4663.6 | 4679.1 | 4699.7 | 4709.9 | 4735.7 | 4753.7 | 4787.2 | 4818.2 |
| 20° | 4568.2 | 4573.5 | 4573.5 | 4586.2 | 4596.5 | 4622.3 | 4632.6 | 4661.0 | 4681.6 | 4712.5 | 4748.7 |
| 22.5° | 4498.7 | 4496.1 | 4496.1 | 4514.2 | 4521.9 | 4545.0 | 4555.3 | 4581.1 | 4604.3 | 4630.1 | 4663.6 |
| 25° | 4429.1 | 4423.9 | 4434.2 | 4436.8 | 4442.0 | 4467.7 | 4475.5 | 4493.4 | 4516.7 | 4539.9 | 4573.5 |
| 27.5° | 4326.1 | 4320.9 | 4323.5 | 4333.8 | 4341.5 | 4362.0 | 4367.3 | 4385.2 | 4403.3 | 4423.9 | 4452.3 |
| 30° | 4127.5 | 4122.5 | 4119.9 | 4137.9 | 4145.7 | 4161.0 | 4168.9 | 4199.8 | 4204.9 | 4228.1 | 4248.7 |
| 32.5° | 3864.8 | 3862.2 | 3867.4 | 3882.8 | 3890.5 | 3911.3 | 3921.5 | 3939.5 | 3952.4 | 3965.3 | 3985.9 |
| 35° | 3571.2 | 3565.9 | 3571.2 | 3586.6 | 3586.6 | 3604.6 | 3612.4 | 3620.0 | 3617.5 | 3620.0 | 3614.9 |
| 37.5° | 3298.0 | 3295.4 | 3298.0 | 3305.7 | 3298.0 | 3305.7 | 3298.0 | 3282.5 | 3254.3 | 3223.2 | 3192.3 |
| 40° | 3066.0 | 3068.6 | 3053.3 | 3063.6 | 3035.1 | 3030.1 | 3001.7 | 2963.0 | 2906.4 | 2844.5 | 2757.0 |
| 42.5° | 2818.8 | 2811.0 | 2800.7 | 2805.9 | 2782.8 | 2764.6 | 2718.2 | 2669.3 | 2597.1 | 2494.1 | 2388.4 |
| 45° | 2514.7 | 2512.2 | 2507.0 | 2504.4 | 2489.0 | 2470.9 | 2432.2 | 2375.6 | 2295.7 | 2190.1 | 2063.8 |
| 47.5° | 2218.5 | 2210.7 | 2210.7 | 2213.2 | 2195.1 | 2192.7 | 2161.6 | 2112.7 | 2043.2 | 1940.1 | 1808.7 |
| 50° | 1935.0 | 1932.4 | 1937.5 | 1947.8 | 1935.0 | 1929.8 | 1909.3 | 1875.8 | 1813.9 | 1726.3 | 1602.6 |
| 52.5° | 1679.9 | 1677.4 | 1682.5 | 1695.4 | 1690.1 | 1695.4 | 1674.8 | 1649.0 | 1607.7 | 1522.7 | 1414.5 |
| 55° | 1430.1 | 1430.1 | 1430.1 | 1445.4 | 1445.4 | 1445.4 | 1435.1 | 1419.7 | 1381.1 | 1319.2 | 1218.8 |
| 57.5° | 1169.8 | 1172.3 | 1187.8 | 1190.4 | 1187.8 | 1193.0 | 1190.4 | 1174.8 | 1149.1 | 1105.4 | 1028.1 |
| 60° | 950.7 | 950.7 | 958.5 | 966.3 | 963.6 | 966.3 | 966.3 | 958.5 | 932.8 | 896.7 | 834.8 |
| 62.5° | 752.3 | 760.0 | 754.9 | 760.0 | 770.4 | 760.0 | 754.9 | 749.8 | 731.8 | 708.6 | 657.0 |
| 65° | 569.4 | 574.6 | 574.6 | 577.1 | 571.9 | 574.6 | 564.3 | 556.6 | 546.3 | 520.5 | 487.0 |
| 67.5° | 432.9 | 432.9 | 432.9 | 432.9 | 430.2 | 427.7 | 425.2 | 417.5 | 399.4 | 389.1 | 352.9 |
| 70° | 332.4 | 316.9 | 316.9 | 316.9 | 316.9 | 319.5 | 311.8 | 301.5 | 296.3 | 278.2 | 252.6 |
| 72.5° | 221.5 | 226.8 | 221.5 | 221.5 | 216.5 | 219.0 | 208.7 | 203.5 | 198.4 | 188.1 | 172.6 |
| 75° | 159.7 | 146.9 | 152.0 | 154.6 | 146.9 | 152.0 | 141.7 | 131.4 | 131.4 | 123.6 | 115.9 |
| 77.5° | 103.1 | 100.6 | 103.1 | 105.6 | 103.1 | 100.6 | 95.4 | 90.1 | 90.1 | 87.6 | 79.8 |
| 80° | 74.8 | 72.1 | 72.1 | 72.1 | 69.6 | 72.1 | 67.0 | 67.0 | 61.9 | 59.3 | 54.0 |
| 82.5° | 49.0 | 49.0 | 46.3 | 49.0 | 46.3 | 49.0 | 41.3 | 41.3 | 41.3 | 38.6 | 33.5 |
| 85° | 33.5 | 28.4 | 28.4 | 30.9 | 25.8 | 30.9 | 28.4 | 25.8 | 23.2 | 23.2 | 20.6 |
| 87.5° | 15.5 | 18.0 | 15.5 | 18.0 | 15.5 | 15.5 | 18.0 | 15.5 | 15.5 | 10.3 | 10.3 |
| 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: P249077

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CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5251.0 | 5253.6 | 5253.6 | 5263.9 | 5269.0 | 5271.6 | 5271.6 | 5292.2 | 5284.5 | 5289.7 | 5294.8 |
| 5° | 5176.3 | 5191.7 | 5197.0 | 5197.0 | 5225.2 | 5235.5 | 5245.8 | 5269.0 | 5271.6 | 5287.1 | 5305.1 |
| 7.5° | 5104.1 | 5122.2 | 5132.5 | 5155.7 | 5173.6 | 5191.7 | 5222.6 | 5238.2 | 5253.6 | 5274.2 | 5297.3 |
| 10° | 5034.5 | 5055.3 | 5075.8 | 5093.8 | 5122.2 | 5145.4 | 5165.9 | 5202.0 | 5220.2 | 5248.4 | 5279.3 |
| 12.5° | 4967.6 | 4996.0 | 5014.0 | 5044.8 | 5075.8 | 5096.4 | 5127.3 | 5160.9 | 5189.2 | 5217.5 | 5253.6 |
| 15° | 4908.3 | 4941.8 | 4962.4 | 4996.0 | 5029.5 | 5057.7 | 5091.2 | 5132.5 | 5153.1 | 5186.6 | 5220.2 |
| 17.5° | 4843.8 | 4880.0 | 4905.8 | 4936.7 | 4977.9 | 5008.7 | 5037.2 | 5078.4 | 5104.1 | 5140.1 | 5178.9 |
| 20° | 4776.9 | 4813.0 | 4843.8 | 4874.8 | 4916.0 | 4947.0 | 4980.5 | 5021.7 | 5050.0 | 5086.1 | 5117.0 |
| 22.5° | 4697.1 | 4730.6 | 4764.0 | 4800.0 | 4841.3 | 4867.0 | 4905.8 | 4941.8 | 4972.8 | 5006.3 | 5037.2 |
| 25° | 4594.0 | 4635.2 | 4661.0 | 4694.4 | 4727.9 | 4756.3 | 4797.5 | 4833.5 | 4859.3 | 4890.4 | 4918.6 |
| 27.5° | 4472.9 | 4503.8 | 4524.5 | 4552.7 | 4586.2 | 4612.0 | 4642.8 | 4679.1 | 4704.8 | 4733.1 | 4753.7 |
| 30° | 4266.8 | 4295.1 | 4313.2 | 4333.8 | 4367.3 | 4390.5 | 4416.3 | 4449.7 | 4467.7 | 4488.4 | 4506.4 |
| 32.5° | 3996.1 | 4019.5 | 4029.7 | 4045.1 | 4068.4 | 4091.5 | 4112.2 | 4140.5 | 4148.3 | 4161.0 | 4161.0 |
| 35° | 3604.6 | 3609.7 | 3607.2 | 3612.4 | 3622.6 | 3635.5 | 3653.6 | 3671.5 | 3681.8 | 3681.8 | 3674.2 |
| 37.5° | 3146.0 | 3115.1 | 3081.6 | 3055.8 | 3048.1 | 3042.8 | 3053.3 | 3060.9 | 3071.3 | 3076.4 | 3063.6 |
| 40° | 2669.3 | 2599.8 | 2525.1 | 2458.0 | 2411.6 | 2391.1 | 2383.4 | 2388.4 | 2388.4 | 2406.5 | 2406.5 |
| 42.5° | 2259.7 | 2151.4 | 2040.7 | 1940.1 | 1873.1 | 1821.6 | 1798.4 | 1798.4 | 1801.0 | 1813.9 | 1821.6 |
| 45° | 1919.6 | 1783.0 | 1654.1 | 1543.4 | 1450.6 | 1383.5 | 1352.7 | 1345.0 | 1342.4 | 1347.6 | 1365.5 |
| 47.5° | 1659.3 | 1517.6 | 1383.5 | 1247.1 | 1149.1 | 1082.2 | 1053.9 | 1043.4 | 1033.1 | 1043.4 | 1046.1 |
| 50° | 1455.8 | 1308.9 | 1167.2 | 1030.6 | 927.5 | 868.2 | 832.2 | 816.8 | 814.2 | 814.2 | 819.3 |
| 52.5° | 1270.2 | 1133.7 | 992.0 | 852.9 | 744.6 | 688.0 | 654.4 | 646.7 | 636.4 | 646.7 | 646.7 |
| 55° | 1095.0 | 958.5 | 819.3 | 688.0 | 597.7 | 538.5 | 507.6 | 497.3 | 492.1 | 499.9 | 499.9 |
| 57.5° | 904.4 | 788.4 | 659.6 | 541.1 | 451.0 | 409.7 | 386.4 | 373.6 | 370.9 | 376.2 | 370.9 |
| 60° | 742.1 | 644.1 | 533.4 | 425.2 | 355.6 | 311.8 | 293.8 | 288.5 | 283.4 | 288.5 | 288.5 |
| 62.5° | 587.4 | 505.0 | 414.8 | 332.4 | 273.1 | 242.2 | 221.5 | 221.5 | 219.0 | 219.0 | 221.5 |
| 65° | 435.5 | 370.9 | 306.6 | 237.0 | 190.7 | 167.5 | 152.0 | 152.0 | 149.4 | 152.0 | 149.4 |
| 67.5° | 316.9 | 273.1 | 221.5 | 172.6 | 136.6 | 123.6 | 113.3 | 105.6 | 110.9 | 105.6 | 103.1 |
| 70° | 231.9 | 195.7 | 159.7 | 131.4 | 105.6 | 92.8 | 85.1 | 82.4 | 77.3 | 77.3 | 77.3 |
| 72.5° | 154.6 | 131.4 | 108.2 | 85.1 | 69.6 | 56.6 | 54.0 | 49.0 | 43.8 | 46.3 | 51.6 |
| 75° | 103.1 | 87.6 | 77.3 | 61.9 | 46.3 | 46.3 | 30.9 | 30.9 | 25.8 | 30.9 | 23.2 |
| 77.5° | 72.1 | 59.3 | 46.3 | 38.6 | 30.9 | 28.4 | 20.6 | 20.6 | 18.0 | 18.0 | 18.0 |
| 80° | 51.6 | 43.8 | 33.5 | 28.4 | 20.6 | 20.6 | 18.0 | 15.5 | 12.8 | 12.8 | 15.5 |
| 82.5° | 30.9 | 23.2 | 23.2 | 20.6 | 12.8 | 10.3 | 7.7 | 10.3 | 5.2 | 5.2 | 5.2 |
| 85° | 18.0 | 15.5 | 12.8 | 7.7 | 5.2 | 5.2 | 2.6 | 0.0 | 2.6 | 2.6 | 0.0 |
| 87.5° | 10.3 | 5.2 | 5.2 | 2.6 | 0.0 | 2.6 | 2.6 | 0.0 | 0.0 | 0.0 | 5.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P249077

CATALOG NUMBER: LSR8B100D010 EC8B100930 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5307.7 | 5305.1 | 5310.3 | 5310.3 | 5325.8 | 5323.1 | 5330.8 | 5330.8 | 5325.8 | 5328.3 | 5338.7 |
| 5° | 5325.8 | 5333.5 | 5348.9 | 5361.9 | 5384.9 | 5395.4 | 5408.2 | 5421.2 | 5423.6 | 5431.4 | 5439.1 |
| 7.5° | 5325.8 | 5351.5 | 5369.6 | 5392.7 | 5423.6 | 5441.7 | 5470.0 | 5493.2 | 5503.5 | 5516.3 | 5531.8 |
| 10° | 5315.3 | 5341.1 | 5374.6 | 5400.4 | 5439.1 | 5467.5 | 5495.8 | 5531.8 | 5547.3 | 5567.9 | 5588.5 |
| 12.5° | 5294.8 | 5323.1 | 5359.2 | 5392.7 | 5436.5 | 5462.3 | 5498.3 | 5531.8 | 5555.0 | 5583.4 | 5606.6 |
| 15° | 5263.9 | 5297.3 | 5330.8 | 5364.3 | 5410.7 | 5441.7 | 5475.2 | 5513.8 | 5537.1 | 5567.9 | 5588.5 |
| 17.5° | 5214.9 | 5251.0 | 5281.9 | 5312.9 | 5356.6 | 5392.7 | 5423.6 | 5459.7 | 5482.9 | 5508.7 | 5537.1 |
| 20° | 5155.7 | 5189.2 | 5222.6 | 5248.4 | 5292.2 | 5323.1 | 5356.6 | 5390.1 | 5408.2 | 5413.3 | 5457.1 |
| 22.5° | 5081.0 | 5104.1 | 5129.9 | 5171.2 | 5197.0 | 5225.2 | 5256.1 | 5287.1 | 5305.1 | 5333.5 | 5348.9 |
| 25° | 4957.2 | 4980.5 | 5008.7 | 5026.8 | 5057.7 | 5081.0 | 5111.9 | 5145.4 | 5155.7 | 5176.3 | 5191.7 |
| 27.5° | 4784.7 | 4797.5 | 4810.4 | 4825.8 | 4843.8 | 4856.8 | 4874.8 | 4890.4 | 4900.6 | 4910.9 | 4921.2 |
| 30° | 4511.5 | 4511.5 | 4511.5 | 4501.2 | 4509.0 | 4516.7 | 4519.2 | 4516.7 | 4516.7 | 4514.2 | 4514.2 |
| 32.5° | 4150.8 | 4130.2 | 4107.0 | 4086.4 | 4078.6 | 4068.4 | 4063.2 | 4055.4 | 4042.7 | 4034.9 | 4037.4 |
| 35° | 3663.8 | 3617.5 | 3589.1 | 3563.3 | 3542.8 | 3527.3 | 3519.6 | 3511.9 | 3509.3 | 3499.0 | 3488.7 |
| 37.5° | 3055.8 | 3022.3 | 3001.7 | 2986.2 | 2968.2 | 2952.7 | 2955.3 | 2957.9 | 2965.6 | 2960.4 | 2963.0 |
| 40° | 2411.6 | 2403.9 | 2411.6 | 2393.6 | 2388.4 | 2393.6 | 2406.5 | 2424.6 | 2434.8 | 2445.1 | 2463.2 |
| 42.5° | 1834.5 | 1847.3 | 1865.5 | 1865.5 | 1873.1 | 1883.5 | 1898.9 | 1927.3 | 1942.7 | 1960.7 | 1981.4 |
| 45° | 1381.1 | 1396.5 | 1419.7 | 1427.4 | 1432.5 | 1445.4 | 1463.6 | 1486.7 | 1497.0 | 1512.5 | 1530.5 |
| 47.5° | 1064.2 | 1074.4 | 1087.3 | 1100.1 | 1113.0 | 1118.2 | 1136.2 | 1136.2 | 1149.1 | 1159.5 | 1164.6 |
| 50° | 829.7 | 840.0 | 850.3 | 858.0 | 863.2 | 870.9 | 875.9 | 883.7 | 886.3 | 891.5 | 894.0 |
| 52.5° | 649.3 | 662.2 | 662.2 | 667.3 | 675.1 | 682.8 | 680.2 | 682.8 | 685.3 | 685.3 | 693.0 |
| 55° | 507.6 | 507.6 | 515.3 | 515.3 | 520.5 | 517.9 | 520.5 | 520.5 | 520.5 | 520.5 | 523.1 |
| 57.5° | 378.7 | 381.4 | 389.1 | 383.9 | 381.4 | 386.4 | 381.4 | 386.4 | 383.9 | 389.1 | 381.4 |
| 60° | 291.1 | 291.1 | 293.8 | 293.8 | 296.3 | 296.3 | 296.3 | 293.8 | 293.8 | 291.1 | 291.1 |
| 62.5° | 219.0 | 221.5 | 224.2 | 221.5 | 221.5 | 221.5 | 219.0 | 219.0 | 216.5 | 213.8 | 213.8 |
| 65° | 146.9 | 144.4 | 149.4 | 144.4 | 146.9 | 146.9 | 144.4 | 146.9 | 139.1 | 141.7 | 139.1 |
| 67.5° | 105.6 | 103.1 | 100.6 | 103.1 | 100.6 | 97.9 | 97.9 | 100.6 | 103.1 | 95.4 | 95.4 |
| 70° | 69.6 | 72.1 | 69.6 | 72.1 | 74.8 | 74.8 | 72.1 | 69.6 | 72.1 | 67.0 | 69.6 |
| 72.5° | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 46.3 | 46.3 | 46.3 | 41.3 | 41.3 | 38.6 |
| 75° | 20.6 | 28.4 | 23.2 | 20.6 | 28.4 | 28.4 | 25.8 | 25.8 | 23.2 | 23.2 | 23.2 |
| 77.5° | 20.6 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 12.8 | 15.5 | 12.8 |
| 80° | 10.3 | 10.3 | 10.3 | 7.7 | 10.3 | 10.3 | 12.8 | 10.3 | 10.3 | 7.7 | 12.8 |
| 82.5° | 5.2 | 5.2 | 5.2 | 0.0 | 2.6 | 5.2 | 5.2 | 2.6 | 5.2 | 5.2 | 2.6 |
| 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: P249077

CATALOG NUMBER: LSR8B100D010 EC8B100930 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5336.1 | 5333.5 | 5336.1 | 5338.7 | 5336.1 | 5333.5 | 5336.1 | 5338.7 | 5328.3 | 5325.8 | 5330.8 |
| 5° | 5449.4 | 5449.4 | 5454.6 | 5457.1 | 5454.6 | 5449.4 | 5449.4 | 5439.1 | 5431.4 | 5423.6 | 5421.2 |
| 7.5° | 5547.3 | 5552.5 | 5557.6 | 5560.2 | 5557.6 | 5552.5 | 5547.3 | 5531.8 | 5516.3 | 5503.5 | 5493.2 |
| 10° | 5606.6 | 5614.3 | 5624.6 | 5629.7 | 5624.6 | 5614.3 | 5606.6 | 5588.5 | 5567.9 | 5547.3 | 5531.8 |
| 12.5° | 5632.4 | 5640.1 | 5653.0 | 5650.4 | 5653.0 | 5640.1 | 5632.4 | 5606.6 | 5583.4 | 5555.0 | 5531.8 |
| 15° | 5614.3 | 5624.6 | 5637.4 | 5642.7 | 5637.4 | 5624.6 | 5614.3 | 5588.5 | 5567.9 | 5537.1 | 5513.8 |
| 17.5° | 5557.6 | 5573.1 | 5580.8 | 5588.5 | 5580.8 | 5573.1 | 5557.6 | 5537.1 | 5508.7 | 5482.9 | 5459.7 |
| 20° | 5480.2 | 5490.7 | 5501.0 | 5503.5 | 5501.0 | 5490.7 | 5480.2 | 5457.1 | 5413.3 | 5408.2 | 5390.1 |
| 22.5° | 5369.6 | 5377.3 | 5400.4 | 5392.7 | 5400.4 | 5377.3 | 5369.6 | 5348.9 | 5333.5 | 5305.1 | 5287.1 |
| 25° | 5209.7 | 5217.5 | 5220.2 | 5222.6 | 5220.2 | 5217.5 | 5209.7 | 5191.7 | 5176.3 | 5155.7 | 5145.4 |
| 27.5° | 4934.1 | 4934.1 | 4939.2 | 4941.8 | 4939.2 | 4934.1 | 4934.1 | 4921.2 | 4910.9 | 4900.6 | 4890.4 |
| 30° | 4516.7 | 4516.7 | 4516.7 | 4529.6 | 4516.7 | 4516.7 | 4516.7 | 4514.2 | 4514.2 | 4516.7 | 4516.7 |
| 32.5° | 4034.9 | 4029.7 | 4024.6 | 4029.7 | 4024.6 | 4029.7 | 4034.9 | 4037.4 | 4034.9 | 4042.7 | 4055.4 |
| 35° | 3488.7 | 3486.1 | 3493.8 | 3483.5 | 3493.8 | 3486.1 | 3488.7 | 3488.7 | 3499.0 | 3509.3 | 3511.9 |
| 37.5° | 2965.6 | 2960.4 | 2970.8 | 2960.4 | 2970.8 | 2960.4 | 2965.6 | 2963.0 | 2960.4 | 2965.6 | 2957.9 |
| 40° | 2468.3 | 2473.5 | 2473.5 | 2494.1 | 2473.5 | 2473.5 | 2468.3 | 2463.2 | 2445.1 | 2434.8 | 2424.6 |
| 42.5° | 1991.7 | 2007.2 | 2002.0 | 2017.5 | 2002.0 | 2007.2 | 1991.7 | 1981.4 | 1960.7 | 1942.7 | 1927.3 |
| 45° | 1540.7 | 1551.1 | 1551.1 | 1556.2 | 1551.1 | 1551.1 | 1540.7 | 1530.5 | 1512.5 | 1497.0 | 1486.7 |
| 47.5° | 1182.5 | 1182.5 | 1182.5 | 1185.2 | 1182.5 | 1182.5 | 1182.5 | 1164.6 | 1159.5 | 1149.1 | 1136.2 |
| 50° | 899.3 | 901.7 | 904.4 | 907.0 | 904.4 | 901.7 | 899.3 | 894.0 | 891.5 | 886.3 | 883.7 |
| 52.5° | 690.5 | 693.0 | 688.0 | 693.0 | 688.0 | 693.0 | 690.5 | 693.0 | 685.3 | 685.3 | 682.8 |
| 55° | 523.1 | 520.5 | 523.1 | 525.6 | 523.1 | 520.5 | 523.1 | 523.1 | 520.5 | 520.5 | 520.5 |
| 57.5° | 383.9 | 378.7 | 378.7 | 378.7 | 378.7 | 378.7 | 383.9 | 381.4 | 389.1 | 383.9 | 386.4 |
| 60° | 286.1 | 288.5 | 288.5 | 291.1 | 288.5 | 288.5 | 286.1 | 291.1 | 291.1 | 293.8 | 293.8 |
| 62.5° | 211.3 | 219.0 | 213.8 | 219.0 | 213.8 | 219.0 | 211.3 | 213.8 | 213.8 | 216.5 | 219.0 |
| 65° | 136.6 | 136.6 | 136.6 | 139.1 | 136.6 | 136.6 | 136.6 | 139.1 | 141.7 | 139.1 | 146.9 |
| 67.5° | 92.8 | 95.4 | 100.6 | 97.9 | 100.6 | 95.4 | 92.8 | 95.4 | 95.4 | 103.1 | 100.6 |
| 70° | 74.8 | 67.0 | 67.0 | 74.8 | 67.0 | 67.0 | 74.8 | 69.6 | 67.0 | 72.1 | 69.6 |
| 72.5° | 43.8 | 38.6 | 43.8 | 43.8 | 43.8 | 38.6 | 43.8 | 38.6 | 41.3 | 41.3 | 46.3 |
| 75° | 23.2 | 20.6 | 18.0 | 25.8 | 18.0 | 20.6 | 23.2 | 23.2 | 23.2 | 23.2 | 25.8 |
| 77.5° | 15.5 | 12.8 | 18.0 | 18.0 | 18.0 | 12.8 | 15.5 | 12.8 | 15.5 | 12.8 | 15.5 |
| 80° | 7.7 | 10.3 | 7.7 | 12.8 | 7.7 | 10.3 | 7.7 | 12.8 | 7.7 | 10.3 | 10.3 |
| 82.5° | 2.6 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 2.6 | 2.6 | 5.2 | 5.2 | 2.6 |
| 85° | 0.0 | 5.2 | 2.6 | 2.6 | 2.6 | 5.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 2.6 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 | 2.6 | 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: P249077

CATALOG NUMBER: LSR8B100D010 EC8B100930 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5330.8 | 5323.1 | 5325.8 | 5310.3 | 5310.3 | 5305.1 | 5307.7 | 5294.8 | 5289.7 | 5284.5 | 5292.2 |
| 5° | 5408.2 | 5395.4 | 5384.9 | 5361.9 | 5348.9 | 5333.5 | 5325.8 | 5305.1 | 5287.1 | 5271.6 | 5269.0 |
| 7.5° | 5470.0 | 5441.7 | 5423.6 | 5392.7 | 5369.6 | 5351.5 | 5325.8 | 5297.3 | 5274.2 | 5253.6 | 5238.2 |
| 10° | 5495.8 | 5467.5 | 5439.1 | 5400.4 | 5374.6 | 5341.1 | 5315.3 | 5279.3 | 5248.4 | 5220.2 | 5202.0 |
| 12.5° | 5498.3 | 5462.3 | 5436.5 | 5392.7 | 5359.2 | 5323.1 | 5294.8 | 5253.6 | 5217.5 | 5189.2 | 5160.9 |
| 15° | 5475.2 | 5441.7 | 5410.7 | 5364.3 | 5330.8 | 5297.3 | 5263.9 | 5220.2 | 5186.6 | 5153.1 | 5132.5 |
| 17.5° | 5423.6 | 5392.7 | 5356.6 | 5312.9 | 5281.9 | 5251.0 | 5214.9 | 5178.9 | 5140.1 | 5104.1 | 5078.4 |
| 20° | 5356.6 | 5323.1 | 5292.2 | 5248.4 | 5222.6 | 5189.2 | 5155.7 | 5117.0 | 5086.1 | 5050.0 | 5021.7 |
| 22.5° | 5256.1 | 5225.2 | 5197.0 | 5171.2 | 5129.9 | 5104.1 | 5081.0 | 5037.2 | 5006.3 | 4972.8 | 4941.8 |
| 25° | 5111.9 | 5081.0 | 5057.7 | 5026.8 | 5008.7 | 4980.5 | 4957.2 | 4918.6 | 4890.4 | 4859.3 | 4833.5 |
| 27.5° | 4874.8 | 4856.8 | 4843.8 | 4825.8 | 4810.4 | 4797.5 | 4784.7 | 4753.7 | 4733.1 | 4704.8 | 4679.1 |
| 30° | 4519.2 | 4516.7 | 4509.0 | 4501.2 | 4511.5 | 4511.5 | 4511.5 | 4506.4 | 4488.4 | 4467.7 | 4449.7 |
| 32.5° | 4063.2 | 4068.4 | 4078.6 | 4086.4 | 4107.0 | 4130.2 | 4150.8 | 4161.0 | 4161.0 | 4148.3 | 4140.5 |
| 35° | 3519.6 | 3527.3 | 3542.8 | 3563.3 | 3589.1 | 3617.5 | 3663.8 | 3674.2 | 3681.8 | 3681.8 | 3671.5 |
| 37.5° | 2955.3 | 2952.7 | 2968.2 | 2986.2 | 3001.7 | 3022.3 | 3055.8 | 3063.6 | 3076.4 | 3071.3 | 3060.9 |
| 40° | 2406.5 | 2393.6 | 2388.4 | 2393.6 | 2411.6 | 2403.9 | 2411.6 | 2406.5 | 2406.5 | 2388.4 | 2388.4 |
| 42.5° | 1898.9 | 1883.5 | 1873.1 | 1865.5 | 1865.5 | 1847.3 | 1834.5 | 1821.6 | 1813.9 | 1801.0 | 1798.4 |
| 45° | 1463.6 | 1445.4 | 1432.5 | 1427.4 | 1419.7 | 1396.5 | 1381.1 | 1365.5 | 1347.6 | 1342.4 | 1345.0 |
| 47.5° | 1136.2 | 1118.2 | 1113.0 | 1100.1 | 1087.3 | 1074.4 | 1064.2 | 1046.1 | 1043.4 | 1033.1 | 1043.4 |
| 50° | 875.9 | 870.9 | 863.2 | 858.0 | 850.3 | 840.0 | 829.7 | 819.3 | 814.2 | 814.2 | 816.8 |
| 52.5° | 680.2 | 682.8 | 675.1 | 667.3 | 662.2 | 662.2 | 649.3 | 646.7 | 646.7 | 636.4 | 646.7 |
| 55° | 520.5 | 517.9 | 520.5 | 515.3 | 515.3 | 507.6 | 507.6 | 499.9 | 499.9 | 492.1 | 497.3 |
| 57.5° | 381.4 | 386.4 | 381.4 | 383.9 | 389.1 | 381.4 | 378.7 | 370.9 | 376.2 | 370.9 | 373.6 |
| 60° | 296.3 | 296.3 | 296.3 | 293.8 | 293.8 | 291.1 | 291.1 | 288.5 | 288.5 | 283.4 | 288.5 |
| 62.5° | 219.0 | 221.5 | 221.5 | 221.5 | 224.2 | 221.5 | 219.0 | 221.5 | 219.0 | 219.0 | 221.5 |
| 65° | 144.4 | 146.9 | 146.9 | 144.4 | 149.4 | 144.4 | 146.9 | 149.4 | 152.0 | 149.4 | 152.0 |
| 67.5° | 97.9 | 97.9 | 100.6 | 103.1 | 100.6 | 103.1 | 105.6 | 103.1 | 105.6 | 110.9 | 105.6 |
| 70° | 72.1 | 74.8 | 74.8 | 72.1 | 69.6 | 72.1 | 69.6 | 77.3 | 77.3 | 77.3 | 82.4 |
| 72.5° | 46.3 | 46.3 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 51.6 | 46.3 | 43.8 | 49.0 |
| 75° | 25.8 | 28.4 | 28.4 | 20.6 | 23.2 | 28.4 | 20.6 | 23.2 | 30.9 | 25.8 | 30.9 |
| 77.5° | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 15.5 | 20.6 | 18.0 | 18.0 | 18.0 | 20.6 |
| 80° | 12.8 | 10.3 | 10.3 | 7.7 | 10.3 | 10.3 | 10.3 | 15.5 | 12.8 | 12.8 | 15.5 |
| 82.5° | 5.2 | 5.2 | 2.6 | 0.0 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 5.2 | 10.3 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.6 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.2 | 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: P249077

CATALOG NUMBER: LSR8B100D010 EC8B100930 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5271.6 | 5271.6 | 5269.0 | 5263.9 | 5253.6 | 5253.6 | 5251.0 | 5243.3 | 5238.2 | 5235.5 | 5235.5 |
| 5° | 5245.8 | 5235.5 | 5225.2 | 5197.0 | 5197.0 | 5191.7 | 5176.3 | 5165.9 | 5160.9 | 5148.0 | 5142.8 |
| 7.5° | 5222.6 | 5191.7 | 5173.6 | 5155.7 | 5132.5 | 5122.2 | 5104.1 | 5096.4 | 5078.4 | 5065.5 | 5057.7 |
| 10° | 5165.9 | 5145.4 | 5122.2 | 5093.8 | 5075.8 | 5055.3 | 5034.5 | 5019.2 | 4996.0 | 4983.0 | 4972.8 |
| 12.5° | 5127.3 | 5096.4 | 5075.8 | 5044.8 | 5014.0 | 4996.0 | 4967.6 | 4949.6 | 4926.3 | 4900.6 | 4885.1 |
| 15° | 5091.2 | 5057.7 | 5029.5 | 4996.0 | 4962.4 | 4941.8 | 4908.3 | 4887.8 | 4854.3 | 4828.5 | 4810.4 |
| 17.5° | 5037.2 | 5008.7 | 4977.9 | 4936.7 | 4905.8 | 4880.0 | 4843.8 | 4818.2 | 4787.2 | 4753.7 | 4735.7 |
| 20° | 4980.5 | 4947.0 | 4916.0 | 4874.8 | 4843.8 | 4813.0 | 4776.9 | 4748.7 | 4712.5 | 4681.6 | 4661.0 |
| 22.5° | 4905.8 | 4867.0 | 4841.3 | 4800.0 | 4764.0 | 4730.6 | 4697.1 | 4663.6 | 4630.1 | 4604.3 | 4581.1 |
| 25° | 4797.5 | 4756.3 | 4727.9 | 4694.4 | 4661.0 | 4635.2 | 4594.0 | 4573.5 | 4539.9 | 4516.7 | 4493.4 |
| 27.5° | 4642.8 | 4612.0 | 4586.2 | 4552.7 | 4524.5 | 4503.8 | 4472.9 | 4452.3 | 4423.9 | 4403.3 | 4385.2 |
| 30° | 4416.3 | 4390.5 | 4367.3 | 4333.8 | 4313.2 | 4295.1 | 4266.8 | 4248.7 | 4228.1 | 4204.9 | 4199.8 |
| 32.5° | 4112.2 | 4091.5 | 4068.4 | 4045.1 | 4029.7 | 4019.5 | 3996.1 | 3985.9 | 3965.3 | 3952.4 | 3939.5 |
| 35° | 3653.6 | 3635.5 | 3622.6 | 3612.4 | 3607.2 | 3609.7 | 3604.6 | 3614.9 | 3620.0 | 3617.5 | 3620.0 |
| 37.5° | 3053.3 | 3042.8 | 3048.1 | 3055.8 | 3081.6 | 3115.1 | 3146.0 | 3192.3 | 3223.2 | 3254.3 | 3282.5 |
| 40° | 2383.4 | 2391.1 | 2411.6 | 2458.0 | 2525.1 | 2599.8 | 2669.3 | 2757.0 | 2844.5 | 2906.4 | 2963.0 |
| 42.5° | 1798.4 | 1821.6 | 1873.1 | 1940.1 | 2040.7 | 2151.4 | 2259.7 | 2388.4 | 2494.1 | 2597.1 | 2669.3 |
| 45° | 1352.7 | 1383.5 | 1450.6 | 1543.4 | 1654.1 | 1783.0 | 1919.6 | 2063.8 | 2190.1 | 2295.7 | 2375.6 |
| 47.5° | 1053.9 | 1082.2 | 1149.1 | 1247.1 | 1383.5 | 1517.6 | 1659.3 | 1808.7 | 1940.1 | 2043.2 | 2112.7 |
| 50° | 832.2 | 868.2 | 927.5 | 1030.6 | 1167.2 | 1308.9 | 1455.8 | 1602.6 | 1726.3 | 1813.9 | 1875.8 |
| 52.5° | 654.4 | 688.0 | 744.6 | 852.9 | 992.0 | 1133.7 | 1270.2 | 1414.5 | 1522.7 | 1607.7 | 1649.0 |
| 55° | 507.6 | 538.5 | 597.7 | 688.0 | 819.3 | 958.5 | 1095.0 | 1218.8 | 1319.2 | 1381.1 | 1419.7 |
| 57.5° | 386.4 | 409.7 | 451.0 | 541.1 | 659.6 | 788.4 | 904.4 | 1028.1 | 1105.4 | 1149.1 | 1174.8 |
| 60° | 293.8 | 311.8 | 355.6 | 425.2 | 533.4 | 644.1 | 742.1 | 834.8 | 896.7 | 932.8 | 958.5 |
| 62.5° | 221.5 | 242.2 | 273.1 | 332.4 | 414.8 | 505.0 | 587.4 | 657.0 | 708.6 | 731.8 | 749.8 |
| 65° | 152.0 | 167.5 | 190.7 | 237.0 | 306.6 | 370.9 | 435.5 | 487.0 | 520.5 | 546.3 | 556.6 |
| 67.5° | 113.3 | 123.6 | 136.6 | 172.6 | 221.5 | 273.1 | 316.9 | 352.9 | 389.1 | 399.4 | 417.5 |
| 70° | 85.1 | 92.8 | 105.6 | 131.4 | 159.7 | 195.7 | 231.9 | 252.6 | 278.2 | 296.3 | 301.5 |
| 72.5° | 54.0 | 56.6 | 69.6 | 85.1 | 108.2 | 131.4 | 154.6 | 172.6 | 188.1 | 198.4 | 203.5 |
| 75° | 30.9 | 46.3 | 46.3 | 61.9 | 77.3 | 87.6 | 103.1 | 115.9 | 123.6 | 131.4 | 131.4 |
| 77.5° | 20.6 | 28.4 | 30.9 | 38.6 | 46.3 | 59.3 | 72.1 | 79.8 | 87.6 | 90.1 | 90.1 |
| 80° | 18.0 | 20.6 | 20.6 | 28.4 | 33.5 | 43.8 | 51.6 | 54.0 | 59.3 | 61.9 | 67.0 |
| 82.5° | 7.7 | 10.3 | 12.8 | 20.6 | 23.2 | 23.2 | 30.9 | 33.5 | 38.6 | 41.3 | 41.3 |
| 85° | 2.6 | 5.2 | 5.2 | 7.7 | 12.8 | 15.5 | 18.0 | 20.6 | 23.2 | 23.2 | 25.8 |
| 87.5° | 2.6 | 2.6 | 0.0 | 2.6 | 5.2 | 5.2 | 10.3 | 10.3 | 10.3 | 15.5 | 15.5 |
| 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: P249077

CATALOG NUMBER: LSR8B100D010 EC8B100930 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 | 5276.8 |
| 2.5° | 5230.5 | 5232.9 | 5222.6 | 5220.2 | 5214.9 | 5217.5 | 5222.6 |
| 5° | 5135.1 | 5137.7 | 5127.3 | 5117.0 | 5117.0 | 5114.5 | 5117.0 |
| 7.5° | 5044.8 | 5047.5 | 5031.9 | 5026.8 | 5016.5 | 5019.2 | 5019.2 |
| 10° | 4954.7 | 4954.7 | 4931.6 | 4928.9 | 4921.2 | 4918.6 | 4918.6 |
| 12.5° | 4867.0 | 4859.3 | 4841.3 | 4831.1 | 4836.2 | 4820.7 | 4820.7 |
| 15° | 4789.8 | 4776.9 | 4753.7 | 4746.0 | 4733.1 | 4727.9 | 4727.9 |
| 17.5° | 4709.9 | 4699.7 | 4679.1 | 4663.6 | 4648.1 | 4645.5 | 4648.1 |
| 20° | 4632.6 | 4622.3 | 4596.5 | 4586.2 | 4573.5 | 4573.5 | 4568.2 |
| 22.5° | 4555.3 | 4545.0 | 4521.9 | 4514.2 | 4496.1 | 4496.1 | 4498.7 |
| 25° | 4475.5 | 4467.7 | 4442.0 | 4436.8 | 4434.2 | 4423.9 | 4429.1 |
| 27.5° | 4367.3 | 4362.0 | 4341.5 | 4333.8 | 4323.5 | 4320.9 | 4326.1 |
| 30° | 4168.9 | 4161.0 | 4145.7 | 4137.9 | 4119.9 | 4122.5 | 4127.5 |
| 32.5° | 3921.5 | 3911.3 | 3890.5 | 3882.8 | 3867.4 | 3862.2 | 3864.8 |
| 35° | 3612.4 | 3604.6 | 3586.6 | 3586.6 | 3571.2 | 3565.9 | 3571.2 |
| 37.5° | 3298.0 | 3305.7 | 3298.0 | 3305.7 | 3298.0 | 3295.4 | 3298.0 |
| 40° | 3001.7 | 3030.1 | 3035.1 | 3063.6 | 3053.3 | 3068.6 | 3066.0 |
| 42.5° | 2718.2 | 2764.6 | 2782.8 | 2805.9 | 2800.7 | 2811.0 | 2818.8 |
| 45° | 2432.2 | 2470.9 | 2489.0 | 2504.4 | 2507.0 | 2512.2 | 2514.7 |
| 47.5° | 2161.6 | 2192.7 | 2195.1 | 2213.2 | 2210.7 | 2210.7 | 2218.5 |
| 50° | 1909.3 | 1929.8 | 1935.0 | 1947.8 | 1937.5 | 1932.4 | 1935.0 |
| 52.5° | 1674.8 | 1695.4 | 1690.1 | 1695.4 | 1682.5 | 1677.4 | 1679.9 |
| 55° | 1435.1 | 1445.4 | 1445.4 | 1445.4 | 1430.1 | 1430.1 | 1430.1 |
| 57.5° | 1190.4 | 1193.0 | 1187.8 | 1190.4 | 1187.8 | 1172.3 | 1169.8 |
| 60° | 966.3 | 966.3 | 963.6 | 966.3 | 958.5 | 950.7 | 950.7 |
| 62.5° | 754.9 | 760.0 | 770.4 | 760.0 | 754.9 | 760.0 | 752.3 |
| 65° | 564.3 | 574.6 | 571.9 | 577.1 | 574.6 | 574.6 | 569.4 |
| 67.5° | 425.2 | 427.7 | 430.2 | 432.9 | 432.9 | 432.9 | 432.9 |
| 70° | 311.8 | 319.5 | 316.9 | 316.9 | 316.9 | 316.9 | 332.4 |
| 72.5° | 208.7 | 219.0 | 216.5 | 221.5 | 221.5 | 226.8 | 221.5 |
| 75° | 141.7 | 152.0 | 146.9 | 154.6 | 152.0 | 146.9 | 159.7 |
| 77.5° | 95.4 | 100.6 | 103.1 | 105.6 | 103.1 | 100.6 | 103.1 |
| 80° | 67.0 | 72.1 | 69.6 | 72.1 | 72.1 | 72.1 | 74.8 |
| 82.5° | 41.3 | 49.0 | 46.3 | 49.0 | 46.3 | 49.0 | 49.0 |
| 85° | 28.4 | 30.9 | 25.8 | 30.9 | 28.4 | 28.4 | 33.5 |
| 87.5° | 18.0 | 15.5 | 15.5 | 18.0 | 15.5 | 18.0 | 15.5 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)