

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: P248555

Luminaire Tested: **LSR8B100D010 EC8B100830 8LBSW0H**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P248555
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 EC8B100830 8LBSW0H
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT- CYLINDEC
80 CRI 3000 CCT WITH SEMI-SPECULAR CLEAR TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10460.0 lumens
Efficiency: N/A
Efficacy: 98.4 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

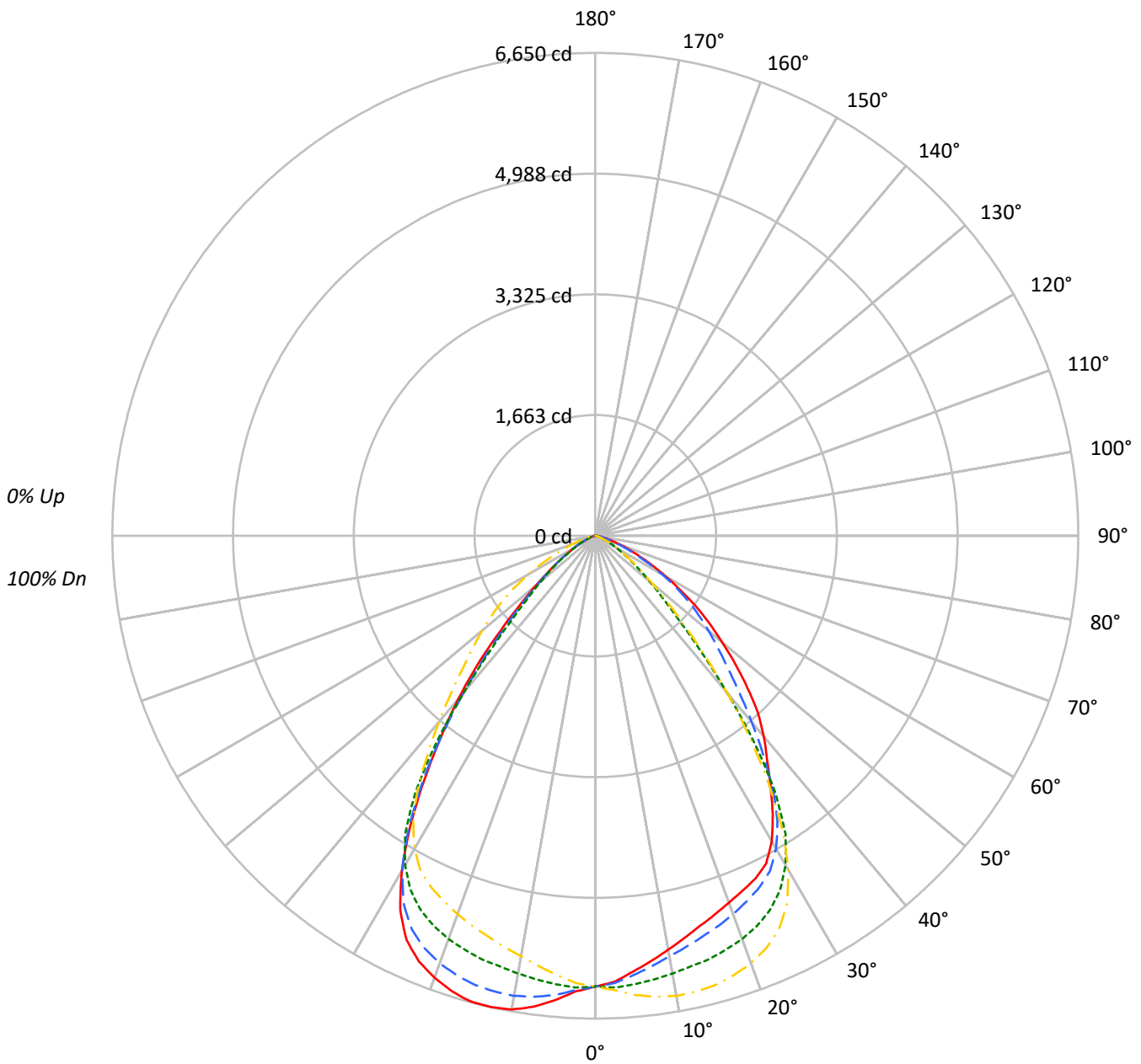
Input Watts (W): 106.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P248555

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Luminous Intensity Polar Plot



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



TEST NUMBER: P248555

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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° | 191487 | 191487 | 191487 | 191487 |
| 5° | 186399 | 191937 | 198790 | 191937 |
| 10° | 181243 | 191686 | 207445 | 191686 |
| 15° | 177623 | 192822 | 211986 | 192822 |
| 20° | 176415 | 193925 | 212532 | 193925 |
| 25° | 177340 | 193536 | 209116 | 193536 |
| 30° | 172956 | 186451 | 189802 | 186451 |
| 35° | 158200 | 162649 | 154322 | 162649 |
| 40° | 145244 | 113142 | 118153 | 113142 |
| 45° | 129057 | 69025 | 79866 | 69025 |
| 50° | 109239 | 46107 | 51201 | 46107 |
| 55° | 90475 | 31461 | 33251 | 31461 |
| 60° | 69006 | 20944 | 21129 | 20944 |
| 65° | 48894 | 13046 | 11944 | 13046 |
| 70° | 35261 | 8745 | 7934 | 8745 |
| 75° | 22399 | 4337 | 3610 | 4337 |
| 80° | 15627 | 3232 | 2681 | 3232 |
| 85° | 13940 | 0 | 1061 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 591.1 | 5.7 |
| 10°-20° | 1711.6 | 16.4 |
| 20°-30° | 2591.7 | 24.8 |
| 30°-40° | 2597.5 | 24.8 |
| 40°-50° | 1631.1 | 15.6 |
| 50°-60° | 869.2 | 8.3 |
| 60°-70° | 357.4 | 3.4 |
| 70°-80° | 94.4 | 0.9 |
| 80°-90° | 16.0 | 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° | 4894.3 | 46.8 |
| 0°-40° | 7491.8 | 71.6 |
| 0°-60° | 9992.2 | 95.5 |
| 0°-90° | 10460.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 10460.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6210 | 6210 | 6210 | 6210 | 6210 | |
| 5° | 6022 | 6201 | 6422 | 6201 | 6022 | 568 |
| 15° | 5564 | 6040 | 6640 | 6040 | 5564 | 1574 |
| 25° | 5212 | 5688 | 6146 | 5688 | 5212 | 2391 |
| 35° | 4202 | 4321 | 4100 | 4321 | 4202 | 2633 |
| 45° | 2959 | 1583 | 1831 | 1583 | 2959 | 2276 |
| 55° | 1683 | 585 | 618 | 585 | 1683 | 1500 |
| 65° | 670 | 179 | 164 | 179 | 670 | 695 |
| 75° | 188 | 36 | 30 | 36 | 188 | 213 |
| 85° | 39 | 0 | 3 | 0 | 39 | 43 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSWOH

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6146.1 | 6140.0 | 6137.0 | 6143.1 | 6146.1 | 6158.2 | 6155.2 | 6161.2 | 6161.2 | 6164.3 | 6170.3 |
| 5° | 6021.8 | 6018.7 | 6021.8 | 6021.8 | 6033.9 | 6046.0 | 6043.0 | 6052.1 | 6058.1 | 6073.4 | 6079.4 |
| 7.5° | 5906.6 | 5906.6 | 5903.5 | 5915.6 | 5921.7 | 5939.9 | 5936.8 | 5952.0 | 5961.2 | 5976.3 | 5997.5 |
| 10° | 5788.3 | 5788.3 | 5791.3 | 5800.4 | 5803.5 | 5830.7 | 5830.7 | 5852.0 | 5864.1 | 5879.3 | 5906.6 |
| 12.5° | 5673.1 | 5673.1 | 5691.3 | 5685.2 | 5697.3 | 5718.5 | 5727.7 | 5748.9 | 5767.1 | 5797.4 | 5824.7 |
| 15° | 5563.9 | 5563.9 | 5570.0 | 5585.1 | 5594.2 | 5621.6 | 5636.7 | 5661.0 | 5682.2 | 5712.5 | 5752.0 |
| 17.5° | 5469.9 | 5466.9 | 5469.9 | 5488.2 | 5506.4 | 5530.6 | 5542.7 | 5573.0 | 5594.2 | 5633.7 | 5670.1 |
| 20° | 5376.0 | 5382.1 | 5382.1 | 5397.2 | 5409.3 | 5439.6 | 5451.7 | 5485.2 | 5509.4 | 5545.7 | 5588.2 |
| 22.5° | 5294.1 | 5291.1 | 5291.1 | 5312.3 | 5321.4 | 5348.6 | 5360.7 | 5391.1 | 5418.4 | 5448.7 | 5488.2 |
| 25° | 5212.2 | 5206.1 | 5218.3 | 5221.3 | 5227.3 | 5257.6 | 5266.7 | 5288.0 | 5315.3 | 5342.6 | 5382.1 |
| 27.5° | 5090.9 | 5084.9 | 5087.9 | 5100.0 | 5109.1 | 5133.3 | 5139.4 | 5160.7 | 5181.9 | 5206.1 | 5239.5 |
| 30° | 4857.4 | 4851.4 | 4848.4 | 4869.6 | 4878.7 | 4896.8 | 4905.9 | 4942.4 | 4948.4 | 4975.7 | 4999.9 |
| 32.5° | 4548.1 | 4545.1 | 4551.2 | 4569.3 | 4578.5 | 4602.8 | 4614.9 | 4636.1 | 4651.2 | 4666.4 | 4690.7 |
| 35° | 4202.5 | 4196.4 | 4202.5 | 4220.8 | 4220.8 | 4242.0 | 4251.1 | 4260.1 | 4257.1 | 4260.1 | 4254.1 |
| 37.5° | 3881.2 | 3878.0 | 3881.2 | 3890.2 | 3881.2 | 3890.2 | 3881.2 | 3862.9 | 3829.6 | 3793.2 | 3756.7 |
| 40° | 3608.2 | 3611.2 | 3593.1 | 3605.2 | 3571.8 | 3565.8 | 3532.5 | 3486.9 | 3420.3 | 3347.5 | 3244.4 |
| 42.5° | 3317.2 | 3308.1 | 3296.0 | 3302.0 | 3274.7 | 3253.4 | 3198.9 | 3141.3 | 3056.3 | 2935.2 | 2810.7 |
| 45° | 2959.4 | 2956.4 | 2950.3 | 2947.3 | 2929.0 | 2907.8 | 2862.3 | 2795.6 | 2701.6 | 2577.3 | 2428.7 |
| 47.5° | 2610.7 | 2601.5 | 2601.5 | 2604.5 | 2583.3 | 2580.3 | 2543.9 | 2486.4 | 2404.5 | 2283.2 | 2128.5 |
| 50° | 2277.1 | 2274.1 | 2280.2 | 2292.3 | 2277.1 | 2271.1 | 2246.9 | 2207.4 | 2134.7 | 2031.6 | 1885.9 |
| 52.5° | 1976.9 | 1973.9 | 1980.0 | 1995.1 | 1989.0 | 1995.1 | 1970.9 | 1940.6 | 1892.0 | 1791.9 | 1664.6 |
| 55° | 1682.9 | 1682.9 | 1682.9 | 1701.0 | 1701.0 | 1701.0 | 1688.9 | 1670.8 | 1625.2 | 1552.4 | 1434.3 |
| 57.5° | 1376.6 | 1379.6 | 1397.8 | 1400.8 | 1397.8 | 1403.9 | 1400.8 | 1382.6 | 1352.4 | 1300.8 | 1209.9 |
| 60° | 1118.9 | 1118.9 | 1128.0 | 1137.1 | 1134.0 | 1137.1 | 1137.1 | 1128.0 | 1097.7 | 1055.2 | 982.5 |
| 62.5° | 885.4 | 894.5 | 888.4 | 894.5 | 906.6 | 894.5 | 888.4 | 882.4 | 861.2 | 833.8 | 773.2 |
| 65° | 670.1 | 676.2 | 676.2 | 679.2 | 673.1 | 676.2 | 664.1 | 655.0 | 642.9 | 612.5 | 573.1 |
| 67.5° | 509.5 | 509.5 | 509.5 | 509.5 | 506.3 | 503.3 | 500.3 | 491.2 | 470.0 | 457.9 | 415.3 |
| 70° | 391.1 | 372.9 | 372.9 | 372.9 | 372.9 | 376.0 | 366.9 | 354.8 | 348.7 | 327.5 | 297.2 |
| 72.5° | 260.7 | 266.8 | 260.7 | 260.7 | 254.7 | 257.7 | 245.6 | 239.5 | 233.5 | 221.4 | 203.2 |
| 75° | 188.0 | 172.9 | 178.8 | 182.0 | 172.9 | 178.8 | 166.7 | 154.6 | 154.6 | 145.5 | 136.4 |
| 77.5° | 121.3 | 118.3 | 121.3 | 124.3 | 121.3 | 118.3 | 112.2 | 106.1 | 106.1 | 103.1 | 94.0 |
| 80° | 88.0 | 84.9 | 84.9 | 84.9 | 81.9 | 84.9 | 78.9 | 78.9 | 72.8 | 69.8 | 63.7 |
| 82.5° | 57.7 | 57.7 | 54.5 | 57.7 | 54.5 | 57.7 | 48.5 | 48.5 | 48.5 | 45.4 | 39.4 |
| 85° | 39.4 | 33.3 | 33.3 | 36.4 | 30.3 | 36.4 | 33.3 | 30.3 | 27.3 | 27.3 | 24.2 |
| 87.5° | 18.2 | 21.2 | 18.2 | 21.2 | 18.2 | 18.2 | 21.2 | 18.2 | 18.2 | 12.1 | 12.1 |
| 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6179.4 | 6182.4 | 6182.4 | 6194.7 | 6200.7 | 6203.7 | 6203.7 | 6228.0 | 6218.9 | 6225.0 | 6231.0 |
| 5° | 6091.6 | 6109.7 | 6115.8 | 6115.8 | 6149.1 | 6161.2 | 6173.3 | 6200.7 | 6203.7 | 6221.9 | 6243.1 |
| 7.5° | 6006.6 | 6027.8 | 6040.0 | 6067.2 | 6088.5 | 6109.7 | 6146.1 | 6164.3 | 6182.4 | 6206.8 | 6234.0 |
| 10° | 5924.7 | 5949.1 | 5973.3 | 5994.5 | 6027.8 | 6055.1 | 6079.4 | 6121.8 | 6143.1 | 6176.4 | 6212.8 |
| 12.5° | 5846.0 | 5879.3 | 5900.5 | 5936.8 | 5973.3 | 5997.5 | 6033.9 | 6073.4 | 6106.7 | 6140.0 | 6182.4 |
| 15° | 5776.2 | 5815.6 | 5839.9 | 5879.3 | 5918.7 | 5952.0 | 5991.5 | 6040.0 | 6064.2 | 6103.7 | 6143.1 |
| 17.5° | 5700.3 | 5742.9 | 5773.2 | 5809.5 | 5858.1 | 5894.4 | 5927.8 | 5976.3 | 6006.6 | 6049.0 | 6094.6 |
| 20° | 5621.6 | 5664.0 | 5700.3 | 5736.8 | 5785.3 | 5821.6 | 5861.1 | 5909.6 | 5942.9 | 5985.4 | 6021.8 |
| 22.5° | 5527.6 | 5567.0 | 5606.3 | 5648.8 | 5697.3 | 5727.7 | 5773.2 | 5815.6 | 5852.0 | 5891.4 | 5927.8 |
| 25° | 5406.3 | 5454.8 | 5485.2 | 5524.5 | 5563.9 | 5597.2 | 5645.8 | 5688.2 | 5718.5 | 5755.0 | 5788.3 |
| 27.5° | 5263.8 | 5300.2 | 5324.4 | 5357.7 | 5397.2 | 5427.5 | 5463.8 | 5506.4 | 5536.7 | 5570.0 | 5594.2 |
| 30° | 5021.1 | 5054.6 | 5075.8 | 5100.0 | 5139.4 | 5166.8 | 5197.1 | 5236.4 | 5257.6 | 5282.0 | 5303.2 |
| 32.5° | 4702.8 | 4730.1 | 4742.2 | 4760.4 | 4787.7 | 4815.0 | 4839.3 | 4872.6 | 4881.7 | 4896.8 | 4896.8 |
| 35° | 4242.0 | 4248.0 | 4245.0 | 4251.1 | 4263.2 | 4278.3 | 4299.5 | 4320.7 | 4332.8 | 4332.8 | 4323.9 |
| 37.5° | 3702.2 | 3665.9 | 3626.4 | 3596.1 | 3587.0 | 3580.9 | 3593.1 | 3602.1 | 3614.3 | 3620.3 | 3605.2 |
| 40° | 3141.3 | 3059.5 | 2971.5 | 2892.6 | 2838.1 | 2813.8 | 2804.7 | 2810.7 | 2810.7 | 2831.9 | 2831.9 |
| 42.5° | 2659.2 | 2531.8 | 2401.5 | 2283.2 | 2204.3 | 2143.8 | 2116.4 | 2116.4 | 2119.4 | 2134.7 | 2143.8 |
| 45° | 2259.0 | 2098.2 | 1946.6 | 1816.3 | 1707.1 | 1628.2 | 1591.9 | 1582.8 | 1579.8 | 1585.8 | 1607.0 |
| 47.5° | 1952.7 | 1786.0 | 1628.2 | 1467.6 | 1352.4 | 1273.5 | 1240.2 | 1228.0 | 1215.8 | 1228.0 | 1231.1 |
| 50° | 1713.2 | 1540.3 | 1373.6 | 1212.8 | 1091.5 | 1021.8 | 979.3 | 961.1 | 958.1 | 958.1 | 964.2 |
| 52.5° | 1494.8 | 1334.2 | 1167.4 | 1003.7 | 876.3 | 809.6 | 770.2 | 761.1 | 749.0 | 761.1 | 761.1 |
| 55° | 1288.6 | 1128.0 | 964.2 | 809.6 | 703.4 | 633.8 | 597.3 | 585.2 | 579.1 | 588.2 | 588.2 |
| 57.5° | 1064.3 | 927.8 | 776.3 | 636.8 | 530.7 | 482.1 | 454.8 | 439.7 | 436.6 | 442.7 | 436.6 |
| 60° | 873.3 | 758.1 | 627.6 | 500.3 | 418.5 | 366.9 | 345.7 | 339.6 | 333.5 | 339.6 | 339.6 |
| 62.5° | 691.3 | 594.3 | 488.1 | 391.1 | 321.4 | 285.1 | 260.7 | 260.7 | 257.7 | 257.7 | 260.7 |
| 65° | 512.4 | 436.6 | 360.8 | 278.9 | 224.4 | 197.1 | 178.8 | 178.8 | 175.8 | 178.8 | 175.8 |
| 67.5° | 372.9 | 321.4 | 260.7 | 203.2 | 160.7 | 145.5 | 133.4 | 124.3 | 130.4 | 124.3 | 121.3 |
| 70° | 272.9 | 230.4 | 188.0 | 154.6 | 124.3 | 109.2 | 100.1 | 97.0 | 91.0 | 91.0 | 91.0 |
| 72.5° | 182.0 | 154.6 | 127.3 | 100.1 | 81.9 | 66.6 | 63.7 | 57.7 | 51.5 | 54.5 | 60.7 |
| 75° | 121.3 | 103.1 | 91.0 | 72.8 | 54.5 | 54.5 | 36.4 | 36.4 | 30.3 | 36.4 | 27.3 |
| 77.5° | 84.9 | 69.8 | 54.5 | 45.4 | 36.4 | 33.3 | 24.2 | 24.2 | 21.2 | 21.2 | 21.2 |
| 80° | 60.7 | 51.5 | 39.4 | 33.3 | 24.2 | 24.2 | 21.2 | 18.2 | 15.1 | 15.1 | 18.2 |
| 82.5° | 36.4 | 27.3 | 27.3 | 24.2 | 15.1 | 12.1 | 9.1 | 12.1 | 6.1 | 6.1 | 6.1 |
| 85° | 21.2 | 18.2 | 15.1 | 9.1 | 6.1 | 6.1 | 3.0 | 0.0 | 3.0 | 3.0 | 0.0 |
| 87.5° | 12.1 | 6.1 | 6.1 | 3.0 | 0.0 | 3.0 | 3.0 | 0.0 | 0.0 | 0.0 | 6.1 |
| 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6246.2 | 6243.1 | 6249.2 | 6249.2 | 6267.4 | 6264.3 | 6273.4 | 6273.4 | 6267.4 | 6270.4 | 6282.5 |
| 5° | 6267.4 | 6276.5 | 6294.6 | 6309.9 | 6337.1 | 6349.3 | 6364.4 | 6379.6 | 6382.6 | 6391.7 | 6400.8 |
| 7.5° | 6267.4 | 6297.8 | 6319.0 | 6346.2 | 6382.6 | 6403.8 | 6437.2 | 6464.5 | 6476.6 | 6491.7 | 6509.9 |
| 10° | 6255.2 | 6285.5 | 6325.0 | 6355.3 | 6400.8 | 6434.2 | 6467.5 | 6509.9 | 6528.1 | 6552.4 | 6576.7 |
| 12.5° | 6231.0 | 6264.3 | 6306.7 | 6346.2 | 6397.7 | 6428.1 | 6470.5 | 6509.9 | 6537.3 | 6570.6 | 6597.9 |
| 15° | 6194.7 | 6234.0 | 6273.4 | 6312.9 | 6367.4 | 6403.8 | 6443.3 | 6488.7 | 6516.0 | 6552.4 | 6576.7 |
| 17.5° | 6137.0 | 6179.4 | 6215.9 | 6252.2 | 6303.7 | 6346.2 | 6382.6 | 6425.1 | 6452.4 | 6482.7 | 6516.0 |
| 20° | 6067.2 | 6106.7 | 6146.1 | 6176.4 | 6228.0 | 6264.3 | 6303.7 | 6343.2 | 6364.4 | 6370.5 | 6422.1 |
| 22.5° | 5979.4 | 6006.6 | 6036.9 | 6085.5 | 6115.8 | 6149.1 | 6185.6 | 6221.9 | 6243.1 | 6276.5 | 6294.6 |
| 25° | 5833.7 | 5861.1 | 5894.4 | 5915.6 | 5952.0 | 5979.4 | 6015.7 | 6055.1 | 6067.2 | 6091.6 | 6109.7 |
| 27.5° | 5630.7 | 5645.8 | 5661.0 | 5679.1 | 5700.3 | 5715.5 | 5736.8 | 5755.0 | 5767.1 | 5779.2 | 5791.3 |
| 30° | 5309.2 | 5309.2 | 5309.2 | 5297.1 | 5306.2 | 5315.3 | 5318.3 | 5315.3 | 5315.3 | 5312.3 | 5312.3 |
| 32.5° | 4884.7 | 4860.5 | 4833.2 | 4809.0 | 4799.9 | 4787.7 | 4781.6 | 4772.5 | 4757.4 | 4748.3 | 4751.3 |
| 35° | 4311.6 | 4257.1 | 4223.8 | 4193.4 | 4169.2 | 4151.0 | 4141.9 | 4132.8 | 4129.8 | 4117.7 | 4105.4 |
| 37.5° | 3596.1 | 3556.7 | 3532.5 | 3514.2 | 3493.0 | 3474.8 | 3477.8 | 3480.9 | 3489.9 | 3483.9 | 3486.9 |
| 40° | 2838.1 | 2828.9 | 2838.1 | 2816.8 | 2810.7 | 2816.8 | 2831.9 | 2853.3 | 2865.4 | 2877.5 | 2898.7 |
| 42.5° | 2158.9 | 2174.0 | 2195.3 | 2195.3 | 2204.3 | 2216.5 | 2234.6 | 2268.1 | 2286.2 | 2307.4 | 2331.7 |
| 45° | 1625.2 | 1643.4 | 1670.8 | 1679.7 | 1685.9 | 1701.0 | 1722.3 | 1749.5 | 1761.6 | 1779.8 | 1801.1 |
| 47.5° | 1252.3 | 1264.4 | 1279.5 | 1294.7 | 1309.8 | 1315.9 | 1337.2 | 1337.2 | 1352.4 | 1364.5 | 1370.5 |
| 50° | 976.3 | 988.5 | 1000.6 | 1009.7 | 1015.8 | 1024.9 | 1030.9 | 1040.0 | 1043.0 | 1049.1 | 1052.1 |
| 52.5° | 764.1 | 779.3 | 779.3 | 785.3 | 794.4 | 803.5 | 800.5 | 803.5 | 806.5 | 806.5 | 815.6 |
| 55° | 597.3 | 597.3 | 606.4 | 606.4 | 612.5 | 609.4 | 612.5 | 612.5 | 612.5 | 612.5 | 615.5 |
| 57.5° | 445.7 | 448.8 | 457.9 | 451.8 | 448.8 | 454.8 | 448.8 | 454.8 | 451.8 | 457.9 | 448.8 |
| 60° | 342.6 | 342.6 | 345.7 | 345.7 | 348.7 | 348.7 | 348.7 | 345.7 | 345.7 | 342.6 | 342.6 |
| 62.5° | 257.7 | 260.7 | 263.8 | 260.7 | 260.7 | 260.7 | 257.7 | 257.7 | 254.7 | 251.6 | 251.6 |
| 65° | 172.9 | 169.9 | 175.8 | 169.9 | 172.9 | 172.9 | 169.9 | 172.9 | 163.7 | 166.7 | 163.7 |
| 67.5° | 124.3 | 121.3 | 118.3 | 121.3 | 118.3 | 115.2 | 115.2 | 118.3 | 121.3 | 112.2 | 112.2 |
| 70° | 81.9 | 84.9 | 81.9 | 84.9 | 88.0 | 88.0 | 84.9 | 81.9 | 84.9 | 78.9 | 81.9 |
| 72.5° | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 54.5 | 54.5 | 54.5 | 48.5 | 48.5 | 45.4 |
| 75° | 24.2 | 33.3 | 27.3 | 24.2 | 33.3 | 33.3 | 30.3 | 30.3 | 27.3 | 27.3 | 27.3 |
| 77.5° | 24.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 15.1 | 18.2 | 15.1 |
| 80° | 12.1 | 12.1 | 12.1 | 9.1 | 12.1 | 12.1 | 15.1 | 12.1 | 12.1 | 9.1 | 15.1 |
| 82.5° | 6.1 | 6.1 | 6.1 | 0.0 | 3.0 | 6.1 | 6.1 | 3.0 | 6.1 | 6.1 | 3.0 |
| 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6279.5 | 6276.5 | 6279.5 | 6282.5 | 6279.5 | 6276.5 | 6279.5 | 6282.5 | 6270.4 | 6267.4 | 6273.4 |
| 5° | 6413.0 | 6413.0 | 6418.9 | 6422.1 | 6418.9 | 6413.0 | 6413.0 | 6400.8 | 6391.7 | 6382.6 | 6379.6 |
| 7.5° | 6528.1 | 6534.3 | 6540.3 | 6543.2 | 6540.3 | 6534.3 | 6528.1 | 6509.9 | 6491.7 | 6476.6 | 6464.5 |
| 10° | 6597.9 | 6607.0 | 6619.1 | 6625.1 | 6619.1 | 6607.0 | 6597.9 | 6576.7 | 6552.4 | 6528.1 | 6509.9 |
| 12.5° | 6628.2 | 6637.4 | 6652.5 | 6649.5 | 6652.5 | 6637.4 | 6628.2 | 6597.9 | 6570.6 | 6537.3 | 6509.9 |
| 15° | 6607.0 | 6619.1 | 6634.2 | 6640.3 | 6634.2 | 6619.1 | 6607.0 | 6576.7 | 6552.4 | 6516.0 | 6488.7 |
| 17.5° | 6540.3 | 6558.5 | 6567.6 | 6576.7 | 6567.6 | 6558.5 | 6540.3 | 6516.0 | 6482.7 | 6452.4 | 6425.1 |
| 20° | 6449.3 | 6461.5 | 6473.6 | 6476.6 | 6473.6 | 6461.5 | 6449.3 | 6422.1 | 6370.5 | 6364.4 | 6343.2 |
| 22.5° | 6319.0 | 6328.1 | 6355.3 | 6346.2 | 6355.3 | 6328.1 | 6319.0 | 6294.6 | 6276.5 | 6243.1 | 6221.9 |
| 25° | 6130.9 | 6140.0 | 6143.1 | 6146.1 | 6143.1 | 6140.0 | 6130.9 | 6109.7 | 6091.6 | 6067.2 | 6055.1 |
| 27.5° | 5806.5 | 5806.5 | 5812.5 | 5815.6 | 5812.5 | 5806.5 | 5806.5 | 5791.3 | 5779.2 | 5767.1 | 5755.0 |
| 30° | 5315.3 | 5315.3 | 5315.3 | 5330.5 | 5315.3 | 5315.3 | 5315.3 | 5312.3 | 5312.3 | 5315.3 | 5315.3 |
| 32.5° | 4748.3 | 4742.2 | 4736.2 | 4742.2 | 4736.2 | 4742.2 | 4748.3 | 4751.3 | 4748.3 | 4757.4 | 4772.5 |
| 35° | 4105.4 | 4102.4 | 4111.6 | 4099.5 | 4111.6 | 4102.4 | 4105.4 | 4105.4 | 4117.7 | 4129.8 | 4132.8 |
| 37.5° | 3489.9 | 3483.9 | 3496.0 | 3483.9 | 3496.0 | 3483.9 | 3489.9 | 3486.9 | 3483.9 | 3489.9 | 3480.9 |
| 40° | 2904.8 | 2910.8 | 2910.8 | 2935.2 | 2910.8 | 2910.8 | 2904.8 | 2898.7 | 2877.5 | 2865.4 | 2853.3 |
| 42.5° | 2343.8 | 2362.0 | 2355.9 | 2374.2 | 2355.9 | 2362.0 | 2343.8 | 2331.7 | 2307.4 | 2286.2 | 2268.1 |
| 45° | 1813.2 | 1825.4 | 1825.4 | 1831.4 | 1825.4 | 1825.4 | 1813.2 | 1801.1 | 1779.8 | 1761.6 | 1749.5 |
| 47.5° | 1391.7 | 1391.7 | 1391.7 | 1394.8 | 1391.7 | 1391.7 | 1391.7 | 1370.5 | 1364.5 | 1352.4 | 1337.2 |
| 50° | 1058.2 | 1061.2 | 1064.3 | 1067.3 | 1064.3 | 1061.2 | 1058.2 | 1052.1 | 1049.1 | 1043.0 | 1040.0 |
| 52.5° | 812.6 | 815.6 | 809.6 | 815.6 | 809.6 | 815.6 | 812.6 | 815.6 | 806.5 | 806.5 | 803.5 |
| 55° | 615.5 | 612.5 | 615.5 | 618.5 | 615.5 | 612.5 | 615.5 | 615.5 | 612.5 | 612.5 | 612.5 |
| 57.5° | 451.8 | 445.7 | 445.7 | 445.7 | 445.7 | 445.7 | 451.8 | 448.8 | 457.9 | 451.8 | 454.8 |
| 60° | 336.6 | 339.6 | 339.6 | 342.6 | 339.6 | 339.6 | 336.6 | 342.6 | 342.6 | 345.7 | 345.7 |
| 62.5° | 248.6 | 257.7 | 251.6 | 257.7 | 251.6 | 257.7 | 248.6 | 251.6 | 251.6 | 254.7 | 257.7 |
| 65° | 160.7 | 160.7 | 160.7 | 163.7 | 160.7 | 160.7 | 160.7 | 163.7 | 166.7 | 163.7 | 172.9 |
| 67.5° | 109.2 | 112.2 | 118.3 | 115.2 | 118.3 | 112.2 | 109.2 | 112.2 | 112.2 | 121.3 | 118.3 |
| 70° | 88.0 | 78.9 | 78.9 | 88.0 | 78.9 | 78.9 | 88.0 | 81.9 | 78.9 | 84.9 | 81.9 |
| 72.5° | 51.5 | 45.4 | 51.5 | 51.5 | 51.5 | 45.4 | 51.5 | 45.4 | 48.5 | 48.5 | 54.5 |
| 75° | 27.3 | 24.2 | 21.2 | 30.3 | 21.2 | 24.2 | 27.3 | 27.3 | 27.3 | 27.3 | 30.3 |
| 77.5° | 18.2 | 15.1 | 21.2 | 21.2 | 21.2 | 15.1 | 18.2 | 15.1 | 18.2 | 15.1 | 18.2 |
| 80° | 9.1 | 12.1 | 9.1 | 15.1 | 9.1 | 12.1 | 9.1 | 15.1 | 9.1 | 12.1 | 12.1 |
| 82.5° | 3.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 3.0 | 3.0 | 6.1 | 6.1 | 3.0 |
| 85° | 0.0 | 6.1 | 3.0 | 3.0 | 3.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 3.0 | 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6273.4 | 6264.3 | 6267.4 | 6249.2 | 6249.2 | 6243.1 | 6246.2 | 6231.0 | 6225.0 | 6218.9 | 6228.0 |
| 5° | 6364.4 | 6349.3 | 6337.1 | 6309.9 | 6294.6 | 6276.5 | 6267.4 | 6243.1 | 6221.9 | 6203.7 | 6200.7 |
| 7.5° | 6437.2 | 6403.8 | 6382.6 | 6346.2 | 6319.0 | 6297.8 | 6267.4 | 6234.0 | 6206.8 | 6182.4 | 6164.3 |
| 10° | 6467.5 | 6434.2 | 6400.8 | 6355.3 | 6325.0 | 6285.5 | 6255.2 | 6212.8 | 6176.4 | 6143.1 | 6121.8 |
| 12.5° | 6470.5 | 6428.1 | 6397.7 | 6346.2 | 6306.7 | 6264.3 | 6231.0 | 6182.4 | 6140.0 | 6106.7 | 6073.4 |
| 15° | 6443.3 | 6403.8 | 6367.4 | 6312.9 | 6273.4 | 6234.0 | 6194.7 | 6143.1 | 6103.7 | 6064.2 | 6040.0 |
| 17.5° | 6382.6 | 6346.2 | 6303.7 | 6252.2 | 6215.9 | 6179.4 | 6137.0 | 6094.6 | 6049.0 | 6006.6 | 5976.3 |
| 20° | 6303.7 | 6264.3 | 6228.0 | 6176.4 | 6146.1 | 6106.7 | 6067.2 | 6021.8 | 5985.4 | 5942.9 | 5909.6 |
| 22.5° | 6185.6 | 6149.1 | 6115.8 | 6085.5 | 6036.9 | 6006.6 | 5979.4 | 5927.8 | 5891.4 | 5852.0 | 5815.6 |
| 25° | 6015.7 | 5979.4 | 5952.0 | 5915.6 | 5894.4 | 5861.1 | 5833.7 | 5788.3 | 5755.0 | 5718.5 | 5688.2 |
| 27.5° | 5736.8 | 5715.5 | 5700.3 | 5679.1 | 5661.0 | 5645.8 | 5630.7 | 5594.2 | 5570.0 | 5536.7 | 5506.4 |
| 30° | 5318.3 | 5315.3 | 5306.2 | 5297.1 | 5309.2 | 5309.2 | 5309.2 | 5303.2 | 5282.0 | 5257.6 | 5236.4 |
| 32.5° | 4781.6 | 4787.7 | 4799.9 | 4809.0 | 4833.2 | 4860.5 | 4884.7 | 4896.8 | 4896.8 | 4881.7 | 4872.6 |
| 35° | 4141.9 | 4151.0 | 4169.2 | 4193.4 | 4223.8 | 4257.1 | 4311.6 | 4323.9 | 4332.8 | 4332.8 | 4320.7 |
| 37.5° | 3477.8 | 3474.8 | 3493.0 | 3514.2 | 3532.5 | 3556.7 | 3596.1 | 3605.2 | 3620.3 | 3614.3 | 3602.1 |
| 40° | 2831.9 | 2816.8 | 2810.7 | 2816.8 | 2838.1 | 2828.9 | 2838.1 | 2831.9 | 2831.9 | 2810.7 | 2810.7 |
| 42.5° | 2234.6 | 2216.5 | 2204.3 | 2195.3 | 2195.3 | 2174.0 | 2158.9 | 2143.8 | 2134.7 | 2119.4 | 2116.4 |
| 45° | 1722.3 | 1701.0 | 1685.9 | 1679.7 | 1670.8 | 1643.4 | 1625.2 | 1607.0 | 1585.8 | 1579.8 | 1582.8 |
| 47.5° | 1337.2 | 1315.9 | 1309.8 | 1294.7 | 1279.5 | 1264.4 | 1252.3 | 1231.1 | 1228.0 | 1215.8 | 1228.0 |
| 50° | 1030.9 | 1024.9 | 1015.8 | 1009.7 | 1000.6 | 988.5 | 976.3 | 964.2 | 958.1 | 958.1 | 961.1 |
| 52.5° | 800.5 | 803.5 | 794.4 | 785.3 | 779.3 | 779.3 | 764.1 | 761.1 | 761.1 | 749.0 | 761.1 |
| 55° | 612.5 | 609.4 | 612.5 | 606.4 | 606.4 | 597.3 | 597.3 | 588.2 | 588.2 | 579.1 | 585.2 |
| 57.5° | 448.8 | 454.8 | 448.8 | 451.8 | 457.9 | 448.8 | 445.7 | 436.6 | 442.7 | 436.6 | 439.7 |
| 60° | 348.7 | 348.7 | 348.7 | 345.7 | 345.7 | 342.6 | 342.6 | 339.6 | 339.6 | 333.5 | 339.6 |
| 62.5° | 257.7 | 260.7 | 260.7 | 260.7 | 263.8 | 260.7 | 257.7 | 260.7 | 257.7 | 257.7 | 260.7 |
| 65° | 169.9 | 172.9 | 172.9 | 169.9 | 175.8 | 169.9 | 172.9 | 175.8 | 178.8 | 175.8 | 178.8 |
| 67.5° | 115.2 | 115.2 | 118.3 | 121.3 | 118.3 | 121.3 | 124.3 | 121.3 | 124.3 | 130.4 | 124.3 |
| 70° | 84.9 | 88.0 | 88.0 | 84.9 | 81.9 | 84.9 | 81.9 | 91.0 | 91.0 | 91.0 | 97.0 |
| 72.5° | 54.5 | 54.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 60.7 | 54.5 | 51.5 | 57.7 |
| 75° | 30.3 | 33.3 | 33.3 | 24.2 | 27.3 | 33.3 | 24.2 | 27.3 | 36.4 | 30.3 | 36.4 |
| 77.5° | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 18.2 | 24.2 | 21.2 | 21.2 | 21.2 | 24.2 |
| 80° | 15.1 | 12.1 | 12.1 | 9.1 | 12.1 | 12.1 | 12.1 | 18.2 | 15.1 | 15.1 | 18.2 |
| 82.5° | 6.1 | 6.1 | 3.0 | 0.0 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 12.1 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 3.0 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSW0H

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6203.7 | 6203.7 | 6200.7 | 6194.7 | 6182.4 | 6182.4 | 6179.4 | 6170.3 | 6164.3 | 6161.2 | 6161.2 |
| 5° | 6173.3 | 6161.2 | 6149.1 | 6115.8 | 6115.8 | 6109.7 | 6091.6 | 6079.4 | 6073.4 | 6058.1 | 6052.1 |
| 7.5° | 6146.1 | 6109.7 | 6088.5 | 6067.2 | 6040.0 | 6027.8 | 6006.6 | 5997.5 | 5976.3 | 5961.2 | 5952.0 |
| 10° | 6079.4 | 6055.1 | 6027.8 | 5994.5 | 5973.3 | 5949.1 | 5924.7 | 5906.6 | 5879.3 | 5864.1 | 5852.0 |
| 12.5° | 6033.9 | 5997.5 | 5973.3 | 5936.8 | 5900.5 | 5879.3 | 5846.0 | 5824.7 | 5797.4 | 5767.1 | 5748.9 |
| 15° | 5991.5 | 5952.0 | 5918.7 | 5879.3 | 5839.9 | 5815.6 | 5776.2 | 5752.0 | 5712.5 | 5682.2 | 5661.0 |
| 17.5° | 5927.8 | 5894.4 | 5858.1 | 5809.5 | 5773.2 | 5742.9 | 5700.3 | 5670.1 | 5633.7 | 5594.2 | 5573.0 |
| 20° | 5861.1 | 5821.6 | 5785.3 | 5736.8 | 5700.3 | 5664.0 | 5621.6 | 5588.2 | 5545.7 | 5509.4 | 5485.2 |
| 22.5° | 5773.2 | 5727.7 | 5697.3 | 5648.8 | 5606.3 | 5567.0 | 5527.6 | 5488.2 | 5448.7 | 5418.4 | 5391.1 |
| 25° | 5645.8 | 5597.2 | 5563.9 | 5524.5 | 5485.2 | 5454.8 | 5406.3 | 5382.1 | 5342.6 | 5315.3 | 5288.0 |
| 27.5° | 5463.8 | 5427.5 | 5397.2 | 5357.7 | 5324.4 | 5300.2 | 5263.8 | 5239.5 | 5206.1 | 5181.9 | 5160.7 |
| 30° | 5197.1 | 5166.8 | 5139.4 | 5100.0 | 5075.8 | 5054.6 | 5021.1 | 4999.9 | 4975.7 | 4948.4 | 4942.4 |
| 32.5° | 4839.3 | 4815.0 | 4787.7 | 4760.4 | 4742.2 | 4730.1 | 4702.8 | 4690.7 | 4666.4 | 4651.2 | 4636.1 |
| 35° | 4299.5 | 4278.3 | 4263.2 | 4251.1 | 4245.0 | 4248.0 | 4242.0 | 4254.1 | 4260.1 | 4257.1 | 4260.1 |
| 37.5° | 3593.1 | 3580.9 | 3587.0 | 3596.1 | 3626.4 | 3665.9 | 3702.2 | 3756.7 | 3793.2 | 3829.6 | 3862.9 |
| 40° | 2804.7 | 2813.8 | 2838.1 | 2892.6 | 2971.5 | 3059.5 | 3141.3 | 3244.4 | 3347.5 | 3420.3 | 3486.9 |
| 42.5° | 2116.4 | 2143.8 | 2204.3 | 2283.2 | 2401.5 | 2531.8 | 2659.2 | 2810.7 | 2935.2 | 3056.3 | 3141.3 |
| 45° | 1591.9 | 1628.2 | 1707.1 | 1816.3 | 1946.6 | 2098.2 | 2259.0 | 2428.7 | 2577.3 | 2701.6 | 2795.6 |
| 47.5° | 1240.2 | 1273.5 | 1352.4 | 1467.6 | 1628.2 | 1786.0 | 1952.7 | 2128.5 | 2283.2 | 2404.5 | 2486.4 |
| 50° | 979.3 | 1021.8 | 1091.5 | 1212.8 | 1373.6 | 1540.3 | 1713.2 | 1885.9 | 2031.6 | 2134.7 | 2207.4 |
| 52.5° | 770.2 | 809.6 | 876.3 | 1003.7 | 1167.4 | 1334.2 | 1494.8 | 1664.6 | 1791.9 | 1892.0 | 1940.6 |
| 55° | 597.3 | 633.8 | 703.4 | 809.6 | 964.2 | 1128.0 | 1288.6 | 1434.3 | 1552.4 | 1625.2 | 1670.8 |
| 57.5° | 454.8 | 482.1 | 530.7 | 636.8 | 776.3 | 927.8 | 1064.3 | 1209.9 | 1300.8 | 1352.4 | 1382.6 |
| 60° | 345.7 | 366.9 | 418.5 | 500.3 | 627.6 | 758.1 | 873.3 | 982.5 | 1055.2 | 1097.7 | 1128.0 |
| 62.5° | 260.7 | 285.1 | 321.4 | 391.1 | 488.1 | 594.3 | 691.3 | 773.2 | 833.8 | 861.2 | 882.4 |
| 65° | 178.8 | 197.1 | 224.4 | 278.9 | 360.8 | 436.6 | 512.4 | 573.1 | 612.5 | 642.9 | 655.0 |
| 67.5° | 133.4 | 145.5 | 160.7 | 203.2 | 260.7 | 321.4 | 372.9 | 415.3 | 457.9 | 470.0 | 491.2 |
| 70° | 100.1 | 109.2 | 124.3 | 154.6 | 188.0 | 230.4 | 272.9 | 297.2 | 327.5 | 348.7 | 354.8 |
| 72.5° | 63.7 | 66.6 | 81.9 | 100.1 | 127.3 | 154.6 | 182.0 | 203.2 | 221.4 | 233.5 | 239.5 |
| 75° | 36.4 | 54.5 | 54.5 | 72.8 | 91.0 | 103.1 | 121.3 | 136.4 | 145.5 | 154.6 | 154.6 |
| 77.5° | 24.2 | 33.3 | 36.4 | 45.4 | 54.5 | 69.8 | 84.9 | 94.0 | 103.1 | 106.1 | 106.1 |
| 80° | 21.2 | 24.2 | 24.2 | 33.3 | 39.4 | 51.5 | 60.7 | 63.7 | 69.8 | 72.8 | 78.9 |
| 82.5° | 9.1 | 12.1 | 15.1 | 24.2 | 27.3 | 27.3 | 36.4 | 39.4 | 45.4 | 48.5 | 48.5 |
| 85° | 3.0 | 6.1 | 6.1 | 9.1 | 15.1 | 18.2 | 21.2 | 24.2 | 27.3 | 27.3 | 30.3 |
| 87.5° | 3.0 | 3.0 | 0.0 | 3.0 | 6.1 | 6.1 | 12.1 | 12.1 | 12.1 | 18.2 | 18.2 |
| 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: P248555

CATALOG NUMBER: LSR8B100D010 EC8B100830 8LBSWOH

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 | 6209.8 |
| 2.5° | 6155.2 | 6158.2 | 6146.1 | 6143.1 | 6137.0 | 6140.0 | 6146.1 |
| 5° | 6043.0 | 6046.0 | 6033.9 | 6021.8 | 6021.8 | 6018.7 | 6021.8 |
| 7.5° | 5936.8 | 5939.9 | 5921.7 | 5915.6 | 5903.5 | 5906.6 | 5906.6 |
| 10° | 5830.7 | 5830.7 | 5803.5 | 5800.4 | 5791.3 | 5788.3 | 5788.3 |
| 12.5° | 5727.7 | 5718.5 | 5697.3 | 5685.2 | 5691.3 | 5673.1 | 5673.1 |
| 15° | 5636.7 | 5621.6 | 5594.2 | 5585.1 | 5570.0 | 5563.9 | 5563.9 |
| 17.5° | 5542.7 | 5530.6 | 5506.4 | 5488.2 | 5469.9 | 5466.9 | 5469.9 |
| 20° | 5451.7 | 5439.6 | 5409.3 | 5397.2 | 5382.1 | 5382.1 | 5376.0 |
| 22.5° | 5360.7 | 5348.6 | 5321.4 | 5312.3 | 5291.1 | 5291.1 | 5294.1 |
| 25° | 5266.7 | 5257.6 | 5227.3 | 5221.3 | 5218.3 | 5206.1 | 5212.2 |
| 27.5° | 5139.4 | 5133.3 | 5109.1 | 5100.0 | 5087.9 | 5084.9 | 5090.9 |
| 30° | 4905.9 | 4896.8 | 4878.7 | 4869.6 | 4848.4 | 4851.4 | 4857.4 |
| 32.5° | 4614.9 | 4602.8 | 4578.5 | 4569.3 | 4551.2 | 4545.1 | 4548.1 |
| 35° | 4251.1 | 4242.0 | 4220.8 | 4220.8 | 4202.5 | 4196.4 | 4202.5 |
| 37.5° | 3881.2 | 3890.2 | 3881.2 | 3890.2 | 3881.2 | 3878.0 | 3881.2 |
| 40° | 3532.5 | 3565.8 | 3571.8 | 3605.2 | 3593.1 | 3611.2 | 3608.2 |
| 42.5° | 3198.9 | 3253.4 | 3274.7 | 3302.0 | 3296.0 | 3308.1 | 3317.2 |
| 45° | 2862.3 | 2907.8 | 2929.0 | 2947.3 | 2950.3 | 2956.4 | 2959.4 |
| 47.5° | 2543.9 | 2580.3 | 2583.3 | 2604.5 | 2601.5 | 2601.5 | 2610.7 |
| 50° | 2246.9 | 2271.1 | 2277.1 | 2292.3 | 2280.2 | 2274.1 | 2277.1 |
| 52.5° | 1970.9 | 1995.1 | 1989.0 | 1995.1 | 1980.0 | 1973.9 | 1976.9 |
| 55° | 1688.9 | 1701.0 | 1701.0 | 1701.0 | 1682.9 | 1682.9 | 1682.9 |
| 57.5° | 1400.8 | 1403.9 | 1397.8 | 1400.8 | 1397.8 | 1379.6 | 1376.6 |
| 60° | 1137.1 | 1137.1 | 1134.0 | 1137.1 | 1128.0 | 1118.9 | 1118.9 |
| 62.5° | 888.4 | 894.5 | 906.6 | 894.5 | 888.4 | 894.5 | 885.4 |
| 65° | 664.1 | 676.2 | 673.1 | 679.2 | 676.2 | 676.2 | 670.1 |
| 67.5° | 500.3 | 503.3 | 506.3 | 509.5 | 509.5 | 509.5 | 509.5 |
| 70° | 366.9 | 376.0 | 372.9 | 372.9 | 372.9 | 372.9 | 391.1 |
| 72.5° | 245.6 | 257.7 | 254.7 | 260.7 | 260.7 | 266.8 | 260.7 |
| 75° | 166.7 | 178.8 | 172.9 | 182.0 | 178.8 | 172.9 | 188.0 |
| 77.5° | 112.2 | 118.3 | 121.3 | 124.3 | 121.3 | 118.3 | 121.3 |
| 80° | 78.9 | 84.9 | 81.9 | 84.9 | 84.9 | 84.9 | 88.0 |
| 82.5° | 48.5 | 57.7 | 54.5 | 57.7 | 54.5 | 57.7 | 57.7 |
| 85° | 33.3 | 36.4 | 30.3 | 36.4 | 33.3 | 33.3 | 39.4 |
| 87.5° | 21.2 | 18.2 | 18.2 | 21.2 | 18.2 | 21.2 | 18.2 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)