

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: P249051

Luminaire Tested: **LD8B120D010 ER8B120940 8LBSW0MW**

Issue Date: 03/03/2020

Test Information

Test Method: LM-79-08
Report Number: P249051
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: LD8B120D010 ER8B120940 8LBSW0MW
Description: PORTFOLIO 8 INCH SINGLE WALL WASH DISTRIBUTION 60 DEGREE CUTOFF
RECESSED DOWNLIGHT
90 CRI 4000 CCT WITH MATTE WHITE TRIM
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10868.0 lumens
Efficiency: N/A
Efficacy: 91.9 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

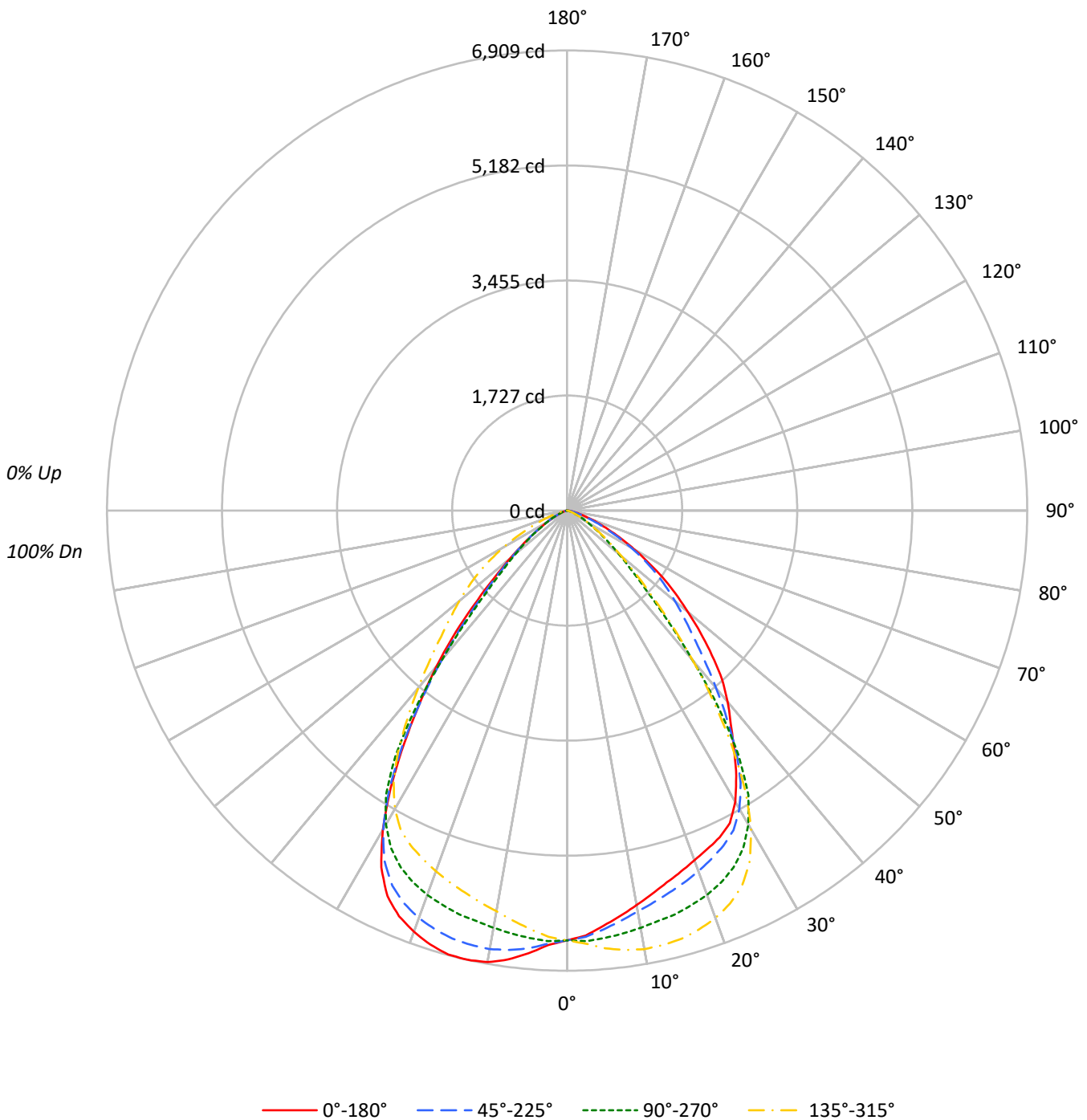
Input Watts (W): 118.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



TEST NUMBER: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

Luminous Intensity Polar Plot





TEST NUMBER: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 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° | 198956 | 198956 | 198956 | 198956 |
| 5° | 193671 | 199422 | 206544 | 199422 |
| 10° | 188314 | 199163 | 215536 | 199163 |
| 15° | 184550 | 200343 | 220257 | 200343 |
| 20° | 183293 | 201489 | 220821 | 201489 |
| 25° | 184258 | 201086 | 217275 | 201086 |
| 30° | 179703 | 193725 | 197204 | 193725 |
| 35° | 164373 | 168996 | 160342 | 168996 |
| 40° | 150912 | 117558 | 122758 | 117558 |
| 45° | 134089 | 71715 | 82979 | 71715 |
| 50° | 113499 | 47906 | 53202 | 47906 |
| 55° | 94002 | 32687 | 34552 | 32687 |
| 60° | 71694 | 21758 | 21955 | 21758 |
| 65° | 50798 | 13557 | 12411 | 13557 |
| 70° | 36641 | 9088 | 8241 | 9088 |
| 75° | 23269 | 4515 | 3753 | 4515 |
| 80° | 16231 | 3356 | 2788 | 3356 |
| 85° | 14506 | 0 | 1097 | 0 |



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|---------|-----------|
| 0°-10° | 614.1 | 5.7 |
| 10°-20° | 1778.3 | 16.4 |
| 20°-30° | 2692.8 | 24.8 |
| 30°-40° | 2698.8 | 24.8 |
| 40°-50° | 1694.7 | 15.6 |
| 50°-60° | 903.1 | 8.3 |
| 60°-70° | 371.4 | 3.4 |
| 70°-80° | 98.1 | 0.9 |
| 80°-90° | 16.6 | 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° | 5085.2 | 46.8 |
| 0°-40° | 7784.1 | 71.6 |
| 0°-60° | 10381.9 | 95.5 |
| 0°-90° | 10868.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 10868.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | 90° | 180° | 270° | 360° | Flux |
|-----|------|------|------|------|------|------|
| 0° | 6452 | 6452 | 6452 | 6452 | 6452 | |
| 5° | 6257 | 6442 | 6673 | 6442 | 6257 | 590 |
| 15° | 5781 | 6276 | 6899 | 6276 | 5781 | 1635 |
| 25° | 5416 | 5910 | 6386 | 5910 | 5416 | 2484 |
| 35° | 4366 | 4489 | 4259 | 4489 | 4366 | 2736 |
| 45° | 3075 | 1644 | 1903 | 1644 | 3075 | 2365 |
| 55° | 1748 | 608 | 643 | 608 | 1748 | 1559 |
| 65° | 696 | 186 | 170 | 186 | 696 | 722 |
| 75° | 195 | 38 | 32 | 38 | 195 | 221 |
| 85° | 41 | 0 | 3 | 0 | 41 | 45 |
| 90° | 0 | 0 | 0 | 0 | 0 | |



TEST NUMBER: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (FULL):

| | 0° | 5° | 10° | 15° | 20° | 25° | 30° | 35° | 40° | 45° | 50° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6385.9 | 6379.5 | 6376.4 | 6382.7 | 6385.9 | 6398.4 | 6395.3 | 6401.5 | 6401.5 | 6404.8 | 6411.0 |
| 5° | 6256.7 | 6253.5 | 6256.7 | 6256.7 | 6269.3 | 6281.9 | 6278.7 | 6288.2 | 6294.4 | 6310.3 | 6316.5 |
| 7.5° | 6137.0 | 6137.0 | 6133.8 | 6146.3 | 6152.7 | 6171.6 | 6168.4 | 6184.2 | 6193.7 | 6209.4 | 6231.4 |
| 10° | 6014.1 | 6014.1 | 6017.2 | 6026.7 | 6029.9 | 6058.2 | 6058.2 | 6080.2 | 6092.8 | 6108.6 | 6137.0 |
| 12.5° | 5894.4 | 5894.4 | 5913.3 | 5907.0 | 5919.6 | 5941.6 | 5951.1 | 5973.1 | 5992.0 | 6023.5 | 6051.9 |
| 15° | 5780.9 | 5780.9 | 5787.3 | 5803.0 | 5812.4 | 5840.8 | 5856.5 | 5881.8 | 5903.9 | 5935.4 | 5976.3 |
| 17.5° | 5683.3 | 5680.2 | 5683.3 | 5702.2 | 5721.2 | 5746.3 | 5758.9 | 5790.4 | 5812.4 | 5853.4 | 5891.3 |
| 20° | 5585.6 | 5592.0 | 5592.0 | 5607.7 | 5620.3 | 5651.8 | 5664.4 | 5699.1 | 5724.3 | 5762.0 | 5806.2 |
| 22.5° | 5500.6 | 5497.5 | 5497.5 | 5519.5 | 5529.0 | 5557.2 | 5569.8 | 5601.3 | 5629.7 | 5661.2 | 5702.2 |
| 25° | 5415.5 | 5409.2 | 5421.9 | 5425.0 | 5431.2 | 5462.7 | 5472.2 | 5494.2 | 5522.6 | 5551.0 | 5592.0 |
| 27.5° | 5289.5 | 5283.2 | 5286.4 | 5298.9 | 5308.4 | 5333.6 | 5339.9 | 5362.0 | 5384.0 | 5409.2 | 5443.9 |
| 30° | 5046.9 | 5040.6 | 5037.5 | 5059.6 | 5069.0 | 5087.8 | 5097.3 | 5135.2 | 5141.4 | 5169.8 | 5194.9 |
| 32.5° | 4725.5 | 4722.4 | 4728.8 | 4747.6 | 4757.0 | 4782.3 | 4794.9 | 4816.9 | 4832.6 | 4848.5 | 4873.6 |
| 35° | 4366.5 | 4360.1 | 4366.5 | 4385.4 | 4385.4 | 4407.4 | 4416.9 | 4426.2 | 4423.1 | 4426.2 | 4420.0 |
| 37.5° | 4032.6 | 4029.3 | 4032.6 | 4041.9 | 4032.6 | 4041.9 | 4032.6 | 4013.6 | 3979.0 | 3941.1 | 3903.3 |
| 40° | 3749.0 | 3752.1 | 3733.3 | 3745.9 | 3711.1 | 3704.9 | 3670.3 | 3622.9 | 3553.7 | 3478.1 | 3371.0 |
| 42.5° | 3446.6 | 3437.1 | 3424.5 | 3430.7 | 3402.5 | 3380.3 | 3323.6 | 3263.9 | 3175.6 | 3049.6 | 2920.4 |
| 45° | 3074.8 | 3071.7 | 3065.3 | 3062.2 | 3043.3 | 3021.2 | 2973.9 | 2904.7 | 2807.0 | 2677.9 | 2523.4 |
| 47.5° | 2712.5 | 2703.0 | 2703.0 | 2706.1 | 2684.1 | 2681.0 | 2643.1 | 2583.3 | 2498.3 | 2372.2 | 2211.6 |
| 50° | 2365.9 | 2362.8 | 2369.1 | 2381.7 | 2365.9 | 2359.7 | 2334.5 | 2293.5 | 2217.9 | 2110.8 | 1959.5 |
| 52.5° | 2054.0 | 2050.9 | 2057.3 | 2072.9 | 2066.6 | 2072.9 | 2047.8 | 2016.3 | 1965.8 | 1861.8 | 1729.6 |
| 55° | 1748.5 | 1748.5 | 1748.5 | 1767.3 | 1767.3 | 1767.3 | 1754.7 | 1735.9 | 1688.6 | 1613.0 | 1490.2 |
| 57.5° | 1430.3 | 1433.4 | 1452.3 | 1455.4 | 1452.3 | 1458.7 | 1455.4 | 1436.5 | 1405.1 | 1351.6 | 1257.0 |
| 60° | 1162.5 | 1162.5 | 1172.0 | 1181.4 | 1178.2 | 1181.4 | 1181.4 | 1172.0 | 1140.5 | 1096.4 | 1020.8 |
| 62.5° | 919.9 | 929.4 | 923.0 | 929.4 | 941.9 | 929.4 | 923.0 | 916.8 | 894.7 | 866.3 | 803.3 |
| 65° | 696.2 | 702.6 | 702.6 | 705.7 | 699.3 | 702.6 | 690.0 | 680.5 | 667.9 | 636.4 | 595.5 |
| 67.5° | 529.3 | 529.3 | 529.3 | 529.3 | 526.1 | 523.0 | 519.9 | 510.4 | 488.3 | 475.8 | 431.6 |
| 70° | 406.4 | 387.5 | 387.5 | 387.5 | 387.5 | 390.7 | 381.2 | 368.7 | 362.3 | 340.3 | 308.8 |
| 72.5° | 270.9 | 277.2 | 270.9 | 270.9 | 264.7 | 267.8 | 255.2 | 248.8 | 242.6 | 230.0 | 211.1 |
| 75° | 195.3 | 179.6 | 185.8 | 189.1 | 179.6 | 185.8 | 173.2 | 160.7 | 160.7 | 151.2 | 141.7 |
| 77.5° | 126.0 | 122.9 | 126.0 | 129.2 | 126.0 | 122.9 | 116.6 | 110.2 | 110.2 | 107.1 | 97.6 |
| 80° | 91.4 | 88.2 | 88.2 | 88.2 | 85.1 | 88.2 | 82.0 | 82.0 | 75.6 | 72.5 | 66.1 |
| 82.5° | 59.9 | 59.9 | 56.7 | 59.9 | 56.7 | 59.9 | 50.4 | 50.4 | 50.4 | 47.2 | 41.0 |
| 85° | 41.0 | 34.6 | 34.6 | 37.9 | 31.5 | 37.9 | 34.6 | 31.5 | 28.4 | 28.4 | 25.2 |
| 87.5° | 18.9 | 22.0 | 18.9 | 22.0 | 18.9 | 18.9 | 22.0 | 18.9 | 18.9 | 12.6 | 12.6 |
| 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: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 55° | 60° | 65° | 70° | 75° | 80° | 85° | 90° | 95° | 100° | 105° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6420.5 | 6423.6 | 6423.6 | 6436.3 | 6442.5 | 6445.6 | 6445.6 | 6470.9 | 6461.5 | 6467.8 | 6474.0 |
| 5° | 6329.2 | 6348.0 | 6354.3 | 6354.3 | 6389.0 | 6401.5 | 6414.1 | 6442.5 | 6445.6 | 6464.6 | 6486.6 |
| 7.5° | 6240.9 | 6262.9 | 6275.6 | 6303.9 | 6325.9 | 6348.0 | 6385.9 | 6404.8 | 6423.6 | 6448.9 | 6477.1 |
| 10° | 6155.8 | 6181.1 | 6206.3 | 6228.3 | 6262.9 | 6291.3 | 6316.5 | 6360.6 | 6382.7 | 6417.4 | 6455.1 |
| 12.5° | 6074.0 | 6108.6 | 6130.7 | 6168.4 | 6206.3 | 6231.4 | 6269.3 | 6310.3 | 6344.9 | 6379.5 | 6423.6 |
| 15° | 6001.5 | 6042.5 | 6067.6 | 6108.6 | 6149.6 | 6184.2 | 6225.2 | 6275.6 | 6300.8 | 6341.8 | 6382.7 |
| 17.5° | 5922.7 | 5966.9 | 5998.4 | 6036.1 | 6086.6 | 6124.3 | 6159.1 | 6209.4 | 6240.9 | 6285.0 | 6332.3 |
| 20° | 5840.8 | 5884.9 | 5922.7 | 5960.5 | 6011.0 | 6048.7 | 6089.7 | 6140.1 | 6174.7 | 6218.8 | 6256.7 |
| 22.5° | 5743.2 | 5784.2 | 5825.0 | 5869.1 | 5919.6 | 5951.1 | 5998.4 | 6042.5 | 6080.2 | 6121.2 | 6159.1 |
| 25° | 5617.2 | 5667.6 | 5699.1 | 5740.0 | 5780.9 | 5815.6 | 5866.0 | 5910.1 | 5941.6 | 5979.5 | 6014.1 |
| 27.5° | 5469.1 | 5506.9 | 5532.1 | 5566.7 | 5607.7 | 5639.2 | 5676.9 | 5721.2 | 5752.7 | 5787.3 | 5812.4 |
| 30° | 5217.0 | 5251.7 | 5273.8 | 5298.9 | 5339.9 | 5368.3 | 5399.8 | 5440.7 | 5462.7 | 5488.0 | 5510.0 |
| 32.5° | 4886.2 | 4914.6 | 4927.2 | 4946.1 | 4974.5 | 5002.8 | 5028.1 | 5062.7 | 5072.1 | 5087.8 | 5087.8 |
| 35° | 4407.4 | 4413.7 | 4410.6 | 4416.9 | 4429.5 | 4445.2 | 4467.2 | 4489.3 | 4501.8 | 4501.8 | 4492.5 |
| 37.5° | 3846.6 | 3808.9 | 3767.9 | 3736.4 | 3726.9 | 3720.6 | 3733.3 | 3742.6 | 3755.3 | 3761.5 | 3745.9 |
| 40° | 3263.9 | 3178.8 | 3087.4 | 3005.4 | 2948.8 | 2923.6 | 2914.1 | 2920.4 | 2920.4 | 2942.4 | 2942.4 |
| 42.5° | 2762.9 | 2630.5 | 2495.2 | 2372.2 | 2290.3 | 2227.4 | 2199.0 | 2199.0 | 2202.1 | 2217.9 | 2227.4 |
| 45° | 2347.1 | 2180.1 | 2022.5 | 1887.1 | 1773.7 | 1691.7 | 1654.0 | 1644.5 | 1641.4 | 1647.6 | 1669.7 |
| 47.5° | 2028.9 | 1855.6 | 1691.7 | 1524.8 | 1405.1 | 1323.2 | 1288.6 | 1275.8 | 1263.3 | 1275.8 | 1279.1 |
| 50° | 1780.0 | 1600.4 | 1427.2 | 1260.2 | 1134.1 | 1061.6 | 1017.5 | 998.6 | 995.5 | 995.5 | 1001.9 |
| 52.5° | 1553.1 | 1386.2 | 1213.0 | 1042.8 | 910.4 | 841.2 | 800.2 | 790.7 | 778.2 | 790.7 | 790.7 |
| 55° | 1338.9 | 1172.0 | 1001.9 | 841.2 | 730.8 | 658.5 | 620.6 | 608.0 | 601.7 | 611.1 | 611.1 |
| 57.5° | 1105.8 | 964.0 | 806.6 | 661.6 | 551.4 | 500.9 | 472.5 | 456.8 | 453.6 | 459.9 | 453.6 |
| 60° | 907.3 | 787.6 | 652.1 | 519.9 | 434.8 | 381.2 | 359.2 | 352.8 | 346.5 | 352.8 | 352.8 |
| 62.5° | 718.3 | 617.5 | 507.1 | 406.4 | 333.9 | 296.2 | 270.9 | 270.9 | 267.8 | 267.8 | 270.9 |
| 65° | 532.4 | 453.6 | 374.9 | 289.8 | 233.2 | 204.8 | 185.8 | 185.8 | 182.7 | 185.8 | 182.7 |
| 67.5° | 387.5 | 333.9 | 270.9 | 211.1 | 167.0 | 151.2 | 138.6 | 129.2 | 135.5 | 129.2 | 126.0 |
| 70° | 283.6 | 239.4 | 195.3 | 160.7 | 129.2 | 113.5 | 104.0 | 100.8 | 94.5 | 94.5 | 94.5 |
| 72.5° | 189.1 | 160.7 | 132.3 | 104.0 | 85.1 | 69.2 | 66.1 | 59.9 | 53.6 | 56.7 | 63.0 |
| 75° | 126.0 | 107.1 | 94.5 | 75.6 | 56.7 | 56.7 | 37.9 | 37.9 | 31.5 | 37.9 | 28.4 |
| 77.5° | 88.2 | 72.5 | 56.7 | 47.2 | 37.9 | 34.6 | 25.2 | 25.2 | 22.0 | 22.0 | 22.0 |
| 80° | 63.0 | 53.6 | 41.0 | 34.6 | 25.2 | 25.2 | 22.0 | 18.9 | 15.7 | 15.7 | 18.9 |
| 82.5° | 37.9 | 28.4 | 28.4 | 25.2 | 15.7 | 12.6 | 9.5 | 12.6 | 6.4 | 6.4 | 6.4 |
| 85° | 22.0 | 18.9 | 15.7 | 9.5 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 12.6 | 6.4 | 6.4 | 3.1 | 0.0 | 3.1 | 3.1 | 0.0 | 0.0 | 0.0 | 6.4 |
| 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: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 110° | 115° | 120° | 125° | 130° | 135° | 140° | 145° | 150° | 155° | 160° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6489.9 | 6486.6 | 6493.0 | 6493.0 | 6511.9 | 6508.7 | 6518.1 | 6518.1 | 6511.9 | 6515.0 | 6527.6 |
| 5° | 6511.9 | 6521.4 | 6540.2 | 6556.0 | 6584.3 | 6597.0 | 6612.7 | 6628.5 | 6631.6 | 6641.1 | 6650.5 |
| 7.5° | 6511.9 | 6543.4 | 6565.5 | 6593.7 | 6631.6 | 6653.6 | 6688.3 | 6716.6 | 6729.2 | 6744.9 | 6763.8 |
| 10° | 6499.2 | 6530.7 | 6571.7 | 6603.2 | 6650.5 | 6685.1 | 6719.8 | 6763.8 | 6782.8 | 6807.9 | 6833.2 |
| 12.5° | 6474.0 | 6508.7 | 6552.7 | 6593.7 | 6647.3 | 6678.8 | 6722.9 | 6763.8 | 6792.2 | 6826.9 | 6855.3 |
| 15° | 6436.3 | 6477.1 | 6518.1 | 6559.1 | 6615.8 | 6653.6 | 6694.6 | 6741.8 | 6770.2 | 6807.9 | 6833.2 |
| 17.5° | 6376.4 | 6420.5 | 6458.3 | 6496.1 | 6549.6 | 6593.7 | 6631.6 | 6675.7 | 6704.1 | 6735.6 | 6770.2 |
| 20° | 6303.9 | 6344.9 | 6385.9 | 6417.4 | 6470.9 | 6508.7 | 6549.6 | 6590.6 | 6612.7 | 6619.0 | 6672.6 |
| 22.5° | 6212.6 | 6240.9 | 6272.4 | 6322.8 | 6354.3 | 6389.0 | 6426.8 | 6464.6 | 6486.6 | 6521.4 | 6540.2 |
| 25° | 6061.3 | 6089.7 | 6124.3 | 6146.3 | 6184.2 | 6212.6 | 6250.3 | 6291.3 | 6303.9 | 6329.2 | 6348.0 |
| 27.5° | 5850.3 | 5866.0 | 5881.8 | 5900.6 | 5922.7 | 5938.5 | 5960.5 | 5979.5 | 5992.0 | 6004.6 | 6017.2 |
| 30° | 5516.3 | 5516.3 | 5516.3 | 5503.7 | 5513.2 | 5522.6 | 5525.7 | 5522.6 | 5522.6 | 5519.5 | 5519.5 |
| 32.5° | 5075.3 | 5050.1 | 5021.7 | 4996.5 | 4987.1 | 4974.5 | 4968.1 | 4958.7 | 4943.0 | 4933.5 | 4936.6 |
| 35° | 4479.8 | 4423.1 | 4388.5 | 4357.0 | 4331.8 | 4312.9 | 4303.4 | 4294.0 | 4290.9 | 4278.3 | 4265.6 |
| 37.5° | 3736.4 | 3695.4 | 3670.3 | 3651.3 | 3629.3 | 3610.3 | 3613.5 | 3616.7 | 3626.0 | 3619.8 | 3622.9 |
| 40° | 2948.8 | 2939.3 | 2948.8 | 2926.7 | 2920.4 | 2926.7 | 2942.4 | 2964.6 | 2977.2 | 2989.7 | 3011.8 |
| 42.5° | 2243.1 | 2258.8 | 2280.9 | 2280.9 | 2290.3 | 2303.0 | 2321.8 | 2356.5 | 2375.3 | 2397.4 | 2422.7 |
| 45° | 1688.6 | 1707.5 | 1735.9 | 1745.3 | 1751.6 | 1767.3 | 1789.5 | 1817.7 | 1830.3 | 1849.3 | 1871.3 |
| 47.5° | 1301.1 | 1313.7 | 1329.4 | 1345.2 | 1360.9 | 1367.3 | 1389.3 | 1389.3 | 1405.1 | 1417.7 | 1423.9 |
| 50° | 1014.4 | 1027.0 | 1039.6 | 1049.1 | 1055.4 | 1064.9 | 1071.1 | 1080.6 | 1083.7 | 1090.0 | 1093.1 |
| 52.5° | 793.9 | 809.7 | 809.7 | 815.9 | 825.4 | 834.8 | 831.7 | 834.8 | 837.9 | 837.9 | 847.4 |
| 55° | 620.6 | 620.6 | 630.1 | 630.1 | 636.4 | 633.2 | 636.4 | 636.4 | 636.4 | 636.4 | 639.5 |
| 57.5° | 463.1 | 466.3 | 475.8 | 469.4 | 466.3 | 472.5 | 466.3 | 472.5 | 469.4 | 475.8 | 466.3 |
| 60° | 356.0 | 356.0 | 359.2 | 359.2 | 362.3 | 362.3 | 362.3 | 359.2 | 359.2 | 356.0 | 356.0 |
| 62.5° | 267.8 | 270.9 | 274.1 | 270.9 | 270.9 | 270.9 | 267.8 | 267.8 | 264.7 | 261.4 | 261.4 |
| 65° | 179.6 | 176.5 | 182.7 | 176.5 | 179.6 | 179.6 | 176.5 | 179.6 | 170.1 | 173.2 | 170.1 |
| 67.5° | 129.2 | 126.0 | 122.9 | 126.0 | 122.9 | 119.7 | 119.7 | 122.9 | 126.0 | 116.6 | 116.6 |
| 70° | 85.1 | 88.2 | 85.1 | 88.2 | 91.4 | 91.4 | 88.2 | 85.1 | 88.2 | 82.0 | 85.1 |
| 72.5° | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 56.7 | 56.7 | 56.7 | 50.4 | 50.4 | 47.2 |
| 75° | 25.2 | 34.6 | 28.4 | 25.2 | 34.6 | 34.6 | 31.5 | 31.5 | 28.4 | 28.4 | 28.4 |
| 77.5° | 25.2 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 15.7 | 18.9 | 15.7 |
| 80° | 12.6 | 12.6 | 12.6 | 9.5 | 12.6 | 12.6 | 15.7 | 12.6 | 12.6 | 9.5 | 15.7 |
| 82.5° | 6.4 | 6.4 | 6.4 | 0.0 | 3.1 | 6.4 | 6.4 | 3.1 | 6.4 | 6.4 | 3.1 |
| 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: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 165° | 170° | 175° | 180° | 185° | 190° | 195° | 200° | 205° | 210° | 215° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6524.5 | 6521.4 | 6524.5 | 6527.6 | 6524.5 | 6521.4 | 6524.5 | 6527.6 | 6515.0 | 6511.9 | 6518.1 |
| 5° | 6663.1 | 6663.1 | 6669.3 | 6672.6 | 6669.3 | 6663.1 | 6663.1 | 6650.5 | 6641.1 | 6631.6 | 6628.5 |
| 7.5° | 6782.8 | 6789.1 | 6795.4 | 6798.5 | 6795.4 | 6789.1 | 6782.8 | 6763.8 | 6744.9 | 6729.2 | 6716.6 |
| 10° | 6855.3 | 6864.7 | 6877.3 | 6883.5 | 6877.3 | 6864.7 | 6855.3 | 6833.2 | 6807.9 | 6782.8 | 6763.8 |
| 12.5° | 6886.8 | 6896.2 | 6911.9 | 6908.8 | 6911.9 | 6896.2 | 6886.8 | 6855.3 | 6826.9 | 6792.2 | 6763.8 |
| 15° | 6864.7 | 6877.3 | 6893.0 | 6899.4 | 6893.0 | 6877.3 | 6864.7 | 6833.2 | 6807.9 | 6770.2 | 6741.8 |
| 17.5° | 6795.4 | 6814.3 | 6823.8 | 6833.2 | 6823.8 | 6814.3 | 6795.4 | 6770.2 | 6735.6 | 6704.1 | 6675.7 |
| 20° | 6700.8 | 6713.5 | 6726.1 | 6729.2 | 6726.1 | 6713.5 | 6700.8 | 6672.6 | 6619.0 | 6612.7 | 6590.6 |
| 22.5° | 6565.5 | 6574.9 | 6603.2 | 6593.7 | 6603.2 | 6574.9 | 6565.5 | 6540.2 | 6521.4 | 6486.6 | 6464.6 |
| 25° | 6370.0 | 6379.5 | 6382.7 | 6385.9 | 6382.7 | 6379.5 | 6370.0 | 6348.0 | 6329.2 | 6303.9 | 6291.3 |
| 27.5° | 6033.0 | 6033.0 | 6039.2 | 6042.5 | 6039.2 | 6033.0 | 6033.0 | 6017.2 | 6004.6 | 5992.0 | 5979.5 |
| 30° | 5522.6 | 5522.6 | 5522.6 | 5538.4 | 5522.6 | 5522.6 | 5522.6 | 5519.5 | 5519.5 | 5522.6 | 5522.6 |
| 32.5° | 4933.5 | 4927.2 | 4920.9 | 4927.2 | 4920.9 | 4927.2 | 4933.5 | 4936.6 | 4933.5 | 4943.0 | 4958.7 |
| 35° | 4265.6 | 4262.5 | 4271.9 | 4259.4 | 4271.9 | 4262.5 | 4265.6 | 4265.6 | 4278.3 | 4290.9 | 4294.0 |
| 37.5° | 3626.0 | 3619.8 | 3632.4 | 3619.8 | 3632.4 | 3619.8 | 3626.0 | 3622.9 | 3619.8 | 3626.0 | 3616.7 |
| 40° | 3018.1 | 3024.4 | 3024.4 | 3049.6 | 3024.4 | 3024.4 | 3018.1 | 3011.8 | 2989.7 | 2977.2 | 2964.6 |
| 42.5° | 2435.3 | 2454.2 | 2447.8 | 2466.8 | 2447.8 | 2454.2 | 2435.3 | 2422.7 | 2397.4 | 2375.3 | 2356.5 |
| 45° | 1883.9 | 1896.6 | 1896.6 | 1902.8 | 1896.6 | 1896.6 | 1883.9 | 1871.3 | 1849.3 | 1830.3 | 1817.7 |
| 47.5° | 1446.0 | 1446.0 | 1446.0 | 1449.2 | 1446.0 | 1446.0 | 1446.0 | 1423.9 | 1417.7 | 1405.1 | 1389.3 |
| 50° | 1099.5 | 1102.6 | 1105.8 | 1109.0 | 1105.8 | 1102.6 | 1099.5 | 1093.1 | 1090.0 | 1083.7 | 1080.6 |
| 52.5° | 844.3 | 847.4 | 841.2 | 847.4 | 841.2 | 847.4 | 844.3 | 847.4 | 837.9 | 837.9 | 834.8 |
| 55° | 639.5 | 636.4 | 639.5 | 642.7 | 639.5 | 636.4 | 639.5 | 639.5 | 636.4 | 636.4 | 636.4 |
| 57.5° | 469.4 | 463.1 | 463.1 | 463.1 | 463.1 | 463.1 | 469.4 | 466.3 | 475.8 | 469.4 | 472.5 |
| 60° | 349.7 | 352.8 | 352.8 | 356.0 | 352.8 | 352.8 | 349.7 | 356.0 | 356.0 | 359.2 | 359.2 |
| 62.5° | 258.3 | 267.8 | 261.4 | 267.8 | 261.4 | 267.8 | 258.3 | 261.4 | 261.4 | 264.7 | 267.8 |
| 65° | 167.0 | 167.0 | 167.0 | 170.1 | 167.0 | 167.0 | 167.0 | 170.1 | 173.2 | 170.1 | 179.6 |
| 67.5° | 113.5 | 116.6 | 122.9 | 119.7 | 122.9 | 116.6 | 113.5 | 116.6 | 116.6 | 126.0 | 122.9 |
| 70° | 91.4 | 82.0 | 82.0 | 91.4 | 82.0 | 82.0 | 91.4 | 85.1 | 82.0 | 88.2 | 85.1 |
| 72.5° | 53.6 | 47.2 | 53.6 | 53.6 | 53.6 | 47.2 | 53.6 | 47.2 | 50.4 | 50.4 | 56.7 |
| 75° | 28.4 | 25.2 | 22.0 | 31.5 | 22.0 | 25.2 | 28.4 | 28.4 | 28.4 | 28.4 | 31.5 |
| 77.5° | 18.9 | 15.7 | 22.0 | 22.0 | 22.0 | 15.7 | 18.9 | 15.7 | 18.9 | 15.7 | 18.9 |
| 80° | 9.5 | 12.6 | 9.5 | 15.7 | 9.5 | 12.6 | 9.5 | 15.7 | 9.5 | 12.6 | 12.6 |
| 82.5° | 3.1 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 3.1 | 3.1 | 6.4 | 6.4 | 3.1 |
| 85° | 0.0 | 6.4 | 3.1 | 3.1 | 3.1 | 6.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 87.5° | 3.1 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 3.1 | 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: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 220° | 225° | 230° | 235° | 240° | 245° | 250° | 255° | 260° | 265° | 270° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6518.1 | 6508.7 | 6511.9 | 6493.0 | 6493.0 | 6486.6 | 6489.9 | 6474.0 | 6467.8 | 6461.5 | 6470.9 |
| 5° | 6612.7 | 6597.0 | 6584.3 | 6556.0 | 6540.2 | 6521.4 | 6511.9 | 6486.6 | 6464.6 | 6445.6 | 6442.5 |
| 7.5° | 6688.3 | 6653.6 | 6631.6 | 6593.7 | 6565.5 | 6543.4 | 6511.9 | 6477.1 | 6448.9 | 6423.6 | 6404.8 |
| 10° | 6719.8 | 6685.1 | 6650.5 | 6603.2 | 6571.7 | 6530.7 | 6499.2 | 6455.1 | 6417.4 | 6382.7 | 6360.6 |
| 12.5° | 6722.9 | 6678.8 | 6647.3 | 6593.7 | 6552.7 | 6508.7 | 6474.0 | 6423.6 | 6379.5 | 6344.9 | 6310.3 |
| 15° | 6694.6 | 6653.6 | 6615.8 | 6559.1 | 6518.1 | 6477.1 | 6436.3 | 6382.7 | 6341.8 | 6300.8 | 6275.6 |
| 17.5° | 6631.6 | 6593.7 | 6549.6 | 6496.1 | 6458.3 | 6420.5 | 6376.4 | 6332.3 | 6285.0 | 6240.9 | 6209.4 |
| 20° | 6549.6 | 6508.7 | 6470.9 | 6417.4 | 6385.9 | 6344.9 | 6303.9 | 6256.7 | 6218.8 | 6174.7 | 6140.1 |
| 22.5° | 6426.8 | 6389.0 | 6354.3 | 6322.8 | 6272.4 | 6240.9 | 6212.6 | 6159.1 | 6121.2 | 6080.2 | 6042.5 |
| 25° | 6250.3 | 6212.6 | 6184.2 | 6146.3 | 6124.3 | 6089.7 | 6061.3 | 6014.1 | 5979.5 | 5941.6 | 5910.1 |
| 27.5° | 5960.5 | 5938.5 | 5922.7 | 5900.6 | 5881.8 | 5866.0 | 5850.3 | 5812.4 | 5787.3 | 5752.7 | 5721.2 |
| 30° | 5525.7 | 5522.6 | 5513.2 | 5503.7 | 5516.3 | 5516.3 | 5516.3 | 5510.0 | 5488.0 | 5462.7 | 5440.7 |
| 32.5° | 4968.1 | 4974.5 | 4987.1 | 4996.5 | 5021.7 | 5050.1 | 5075.3 | 5087.8 | 5087.8 | 5072.1 | 5062.7 |
| 35° | 4303.4 | 4312.9 | 4331.8 | 4357.0 | 4388.5 | 4423.1 | 4479.8 | 4492.5 | 4501.8 | 4501.8 | 4489.3 |
| 37.5° | 3613.5 | 3610.3 | 3629.3 | 3651.3 | 3670.3 | 3695.4 | 3736.4 | 3745.9 | 3761.5 | 3755.3 | 3742.6 |
| 40° | 2942.4 | 2926.7 | 2920.4 | 2926.7 | 2948.8 | 2939.3 | 2948.8 | 2942.4 | 2942.4 | 2920.4 | 2920.4 |
| 42.5° | 2321.8 | 2303.0 | 2290.3 | 2280.9 | 2280.9 | 2258.8 | 2243.1 | 2227.4 | 2217.9 | 2202.1 | 2199.0 |
| 45° | 1789.5 | 1767.3 | 1751.6 | 1745.3 | 1735.9 | 1707.5 | 1688.6 | 1669.7 | 1647.6 | 1641.4 | 1644.5 |
| 47.5° | 1389.3 | 1367.3 | 1360.9 | 1345.2 | 1329.4 | 1313.7 | 1301.1 | 1279.1 | 1275.8 | 1263.3 | 1275.8 |
| 50° | 1071.1 | 1064.9 | 1055.4 | 1049.1 | 1039.6 | 1027.0 | 1014.4 | 1001.9 | 995.5 | 995.5 | 998.6 |
| 52.5° | 831.7 | 834.8 | 825.4 | 815.9 | 809.7 | 809.7 | 793.9 | 790.7 | 790.7 | 778.2 | 790.7 |
| 55° | 636.4 | 633.2 | 636.4 | 630.1 | 630.1 | 620.6 | 620.6 | 611.1 | 611.1 | 601.7 | 608.0 |
| 57.5° | 466.3 | 472.5 | 466.3 | 469.4 | 475.8 | 466.3 | 463.1 | 453.6 | 459.9 | 453.6 | 456.8 |
| 60° | 362.3 | 362.3 | 362.3 | 359.2 | 359.2 | 356.0 | 356.0 | 352.8 | 352.8 | 346.5 | 352.8 |
| 62.5° | 267.8 | 270.9 | 270.9 | 270.9 | 274.1 | 270.9 | 267.8 | 270.9 | 267.8 | 267.8 | 270.9 |
| 65° | 176.5 | 179.6 | 179.6 | 176.5 | 182.7 | 176.5 | 179.6 | 182.7 | 185.8 | 182.7 | 185.8 |
| 67.5° | 119.7 | 119.7 | 122.9 | 126.0 | 122.9 | 126.0 | 129.2 | 126.0 | 129.2 | 135.5 | 129.2 |
| 70° | 88.2 | 91.4 | 91.4 | 88.2 | 85.1 | 88.2 | 85.1 | 94.5 | 94.5 | 94.5 | 100.8 |
| 72.5° | 56.7 | 56.7 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 63.0 | 56.7 | 53.6 | 59.9 |
| 75° | 31.5 | 34.6 | 34.6 | 25.2 | 28.4 | 34.6 | 25.2 | 28.4 | 37.9 | 31.5 | 37.9 |
| 77.5° | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 18.9 | 25.2 | 22.0 | 22.0 | 22.0 | 25.2 |
| 80° | 15.7 | 12.6 | 12.6 | 9.5 | 12.6 | 12.6 | 12.6 | 18.9 | 15.7 | 15.7 | 18.9 |
| 82.5° | 6.4 | 6.4 | 3.1 | 0.0 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 6.4 | 12.6 |
| 85° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.1 | 3.1 | 0.0 |
| 87.5° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.4 | 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: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 275° | 280° | 285° | 290° | 295° | 300° | 305° | 310° | 315° | 320° | 325° |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6445.6 | 6445.6 | 6442.5 | 6436.3 | 6423.6 | 6423.6 | 6420.5 | 6411.0 | 6404.8 | 6401.5 | 6401.5 |
| 5° | 6414.1 | 6401.5 | 6389.0 | 6354.3 | 6354.3 | 6348.0 | 6329.2 | 6316.5 | 6310.3 | 6294.4 | 6288.2 |
| 7.5° | 6385.9 | 6348.0 | 6325.9 | 6303.9 | 6275.6 | 6262.9 | 6240.9 | 6231.4 | 6209.4 | 6193.7 | 6184.2 |
| 10° | 6316.5 | 6291.3 | 6262.9 | 6228.3 | 6206.3 | 6181.1 | 6155.8 | 6137.0 | 6108.6 | 6092.8 | 6080.2 |
| 12.5° | 6269.3 | 6231.4 | 6206.3 | 6168.4 | 6130.7 | 6108.6 | 6074.0 | 6051.9 | 6023.5 | 5992.0 | 5973.1 |
| 15° | 6225.2 | 6184.2 | 6149.6 | 6108.6 | 6067.6 | 6042.5 | 6001.5 | 5976.3 | 5935.4 | 5903.9 | 5881.8 |
| 17.5° | 6159.1 | 6124.3 | 6086.6 | 6036.1 | 5998.4 | 5966.9 | 5922.7 | 5891.3 | 5853.4 | 5812.4 | 5790.4 |
| 20° | 6089.7 | 6048.7 | 6011.0 | 5960.5 | 5922.7 | 5884.9 | 5840.8 | 5806.2 | 5762.0 | 5724.3 | 5699.1 |
| 22.5° | 5998.4 | 5951.1 | 5919.6 | 5869.1 | 5825.0 | 5784.2 | 5743.2 | 5702.2 | 5661.2 | 5629.7 | 5601.3 |
| 25° | 5866.0 | 5815.6 | 5780.9 | 5740.0 | 5699.1 | 5667.6 | 5617.2 | 5592.0 | 5551.0 | 5522.6 | 5494.2 |
| 27.5° | 5676.9 | 5639.2 | 5607.7 | 5566.7 | 5532.1 | 5506.9 | 5469.1 | 5443.9 | 5409.2 | 5384.0 | 5362.0 |
| 30° | 5399.8 | 5368.3 | 5339.9 | 5298.9 | 5273.8 | 5251.7 | 5217.0 | 5194.9 | 5169.8 | 5141.4 | 5135.2 |
| 32.5° | 5028.1 | 5002.8 | 4974.5 | 4946.1 | 4927.2 | 4914.6 | 4886.2 | 4873.6 | 4848.5 | 4832.6 | 4816.9 |
| 35° | 4467.2 | 4445.2 | 4429.5 | 4416.9 | 4410.6 | 4413.7 | 4407.4 | 4420.0 | 4426.2 | 4423.1 | 4426.2 |
| 37.5° | 3733.3 | 3720.6 | 3726.9 | 3736.4 | 3767.9 | 3808.9 | 3846.6 | 3903.3 | 3941.1 | 3979.0 | 4013.6 |
| 40° | 2914.1 | 2923.6 | 2948.8 | 3005.4 | 3087.4 | 3178.8 | 3263.9 | 3371.0 | 3478.1 | 3553.7 | 3622.9 |
| 42.5° | 2199.0 | 2227.4 | 2290.3 | 2372.2 | 2495.2 | 2630.5 | 2762.9 | 2920.4 | 3049.6 | 3175.6 | 3263.9 |
| 45° | 1654.0 | 1691.7 | 1773.7 | 1887.1 | 2022.5 | 2180.1 | 2347.1 | 2523.4 | 2677.9 | 2807.0 | 2904.7 |
| 47.5° | 1288.6 | 1323.2 | 1405.1 | 1524.8 | 1691.7 | 1855.6 | 2028.9 | 2211.6 | 2372.2 | 2498.3 | 2583.3 |
| 50° | 1017.5 | 1061.6 | 1134.1 | 1260.2 | 1427.2 | 1600.4 | 1780.0 | 1959.5 | 2110.8 | 2217.9 | 2293.5 |
| 52.5° | 800.2 | 841.2 | 910.4 | 1042.8 | 1213.0 | 1386.2 | 1553.1 | 1729.6 | 1861.8 | 1965.8 | 2016.3 |
| 55° | 620.6 | 658.5 | 730.8 | 841.2 | 1001.9 | 1172.0 | 1338.9 | 1490.2 | 1613.0 | 1688.6 | 1735.9 |
| 57.5° | 472.5 | 500.9 | 551.4 | 661.6 | 806.6 | 964.0 | 1105.8 | 1257.0 | 1351.6 | 1405.1 | 1436.5 |
| 60° | 359.2 | 381.2 | 434.8 | 519.9 | 652.1 | 787.6 | 907.3 | 1020.8 | 1096.4 | 1140.5 | 1172.0 |
| 62.5° | 270.9 | 296.2 | 333.9 | 406.4 | 507.1 | 617.5 | 718.3 | 803.3 | 866.3 | 894.7 | 916.8 |
| 65° | 185.8 | 204.8 | 233.2 | 289.8 | 374.9 | 453.6 | 532.4 | 595.5 | 636.4 | 667.9 | 680.5 |
| 67.5° | 138.6 | 151.2 | 167.0 | 211.1 | 270.9 | 333.9 | 387.5 | 431.6 | 475.8 | 488.3 | 510.4 |
| 70° | 104.0 | 113.5 | 129.2 | 160.7 | 195.3 | 239.4 | 283.6 | 308.8 | 340.3 | 362.3 | 368.7 |
| 72.5° | 66.1 | 69.2 | 85.1 | 104.0 | 132.3 | 160.7 | 189.1 | 211.1 | 230.0 | 242.6 | 248.8 |
| 75° | 37.9 | 56.7 | 56.7 | 75.6 | 94.5 | 107.1 | 126.0 | 141.7 | 151.2 | 160.7 | 160.7 |
| 77.5° | 25.2 | 34.6 | 37.9 | 47.2 | 56.7 | 72.5 | 88.2 | 97.6 | 107.1 | 110.2 | 110.2 |
| 80° | 22.0 | 25.2 | 25.2 | 34.6 | 41.0 | 53.6 | 63.0 | 66.1 | 72.5 | 75.6 | 82.0 |
| 82.5° | 9.5 | 12.6 | 15.7 | 25.2 | 28.4 | 28.4 | 37.9 | 41.0 | 47.2 | 50.4 | 50.4 |
| 85° | 3.1 | 6.4 | 6.4 | 9.5 | 15.7 | 18.9 | 22.0 | 25.2 | 28.4 | 28.4 | 31.5 |
| 87.5° | 3.1 | 3.1 | 0.0 | 3.1 | 6.4 | 6.4 | 12.6 | 12.6 | 12.6 | 18.9 | 18.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



TEST NUMBER: P249051

CATALOG NUMBER: LD8B120D010 ER8B120940 8LBSW0MW

CANDELA DISTRIBUTION (continued):

| | 330° | 335° | 340° | 345° | 350° | 355° | 360° |
|-------|--------|--------|--------|--------|--------|--------|--------|
| 0° | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 | 6452.0 |
| 2.5° | 6395.3 | 6398.4 | 6385.9 | 6382.7 | 6376.4 | 6379.5 | 6385.9 |
| 5° | 6278.7 | 6281.9 | 6269.3 | 6256.7 | 6256.7 | 6253.5 | 6256.7 |
| 7.5° | 6168.4 | 6171.6 | 6152.7 | 6146.3 | 6133.8 | 6137.0 | 6137.0 |
| 10° | 6058.2 | 6058.2 | 6029.9 | 6026.7 | 6017.2 | 6014.1 | 6014.1 |
| 12.5° | 5951.1 | 5941.6 | 5919.6 | 5907.0 | 5913.3 | 5894.4 | 5894.4 |
| 15° | 5856.5 | 5840.8 | 5812.4 | 5803.0 | 5787.3 | 5780.9 | 5780.9 |
| 17.5° | 5758.9 | 5746.3 | 5721.2 | 5702.2 | 5683.3 | 5680.2 | 5683.3 |
| 20° | 5664.4 | 5651.8 | 5620.3 | 5607.7 | 5592.0 | 5592.0 | 5585.6 |
| 22.5° | 5569.8 | 5557.2 | 5529.0 | 5519.5 | 5497.5 | 5497.5 | 5500.6 |
| 25° | 5472.2 | 5462.7 | 5431.2 | 5425.0 | 5421.9 | 5409.2 | 5415.5 |
| 27.5° | 5339.9 | 5333.6 | 5308.4 | 5298.9 | 5286.4 | 5283.2 | 5289.5 |
| 30° | 5097.3 | 5087.8 | 5069.0 | 5059.6 | 5037.5 | 5040.6 | 5046.9 |
| 32.5° | 4794.9 | 4782.3 | 4757.0 | 4747.6 | 4728.8 | 4722.4 | 4725.5 |
| 35° | 4416.9 | 4407.4 | 4385.4 | 4385.4 | 4366.5 | 4360.1 | 4366.5 |
| 37.5° | 4032.6 | 4041.9 | 4032.6 | 4041.9 | 4032.6 | 4029.3 | 4032.6 |
| 40° | 3670.3 | 3704.9 | 3711.1 | 3745.9 | 3733.3 | 3752.1 | 3749.0 |
| 42.5° | 3323.6 | 3380.3 | 3402.5 | 3430.7 | 3424.5 | 3437.1 | 3446.6 |
| 45° | 2973.9 | 3021.2 | 3043.3 | 3062.2 | 3065.3 | 3071.7 | 3074.8 |
| 47.5° | 2643.1 | 2681.0 | 2684.1 | 2706.1 | 2703.0 | 2703.0 | 2712.5 |
| 50° | 2334.5 | 2359.7 | 2365.9 | 2381.7 | 2369.1 | 2362.8 | 2365.9 |
| 52.5° | 2047.8 | 2072.9 | 2066.6 | 2072.9 | 2057.3 | 2050.9 | 2054.0 |
| 55° | 1754.7 | 1767.3 | 1767.3 | 1767.3 | 1748.5 | 1748.5 | 1748.5 |
| 57.5° | 1455.4 | 1458.7 | 1452.3 | 1455.4 | 1452.3 | 1433.4 | 1430.3 |
| 60° | 1181.4 | 1181.4 | 1178.2 | 1181.4 | 1172.0 | 1162.5 | 1162.5 |
| 62.5° | 923.0 | 929.4 | 941.9 | 929.4 | 923.0 | 929.4 | 919.9 |
| 65° | 690.0 | 702.6 | 699.3 | 705.7 | 702.6 | 702.6 | 696.2 |
| 67.5° | 519.9 | 523.0 | 526.1 | 529.3 | 529.3 | 529.3 | 529.3 |
| 70° | 381.2 | 390.7 | 387.5 | 387.5 | 387.5 | 387.5 | 406.4 |
| 72.5° | 255.2 | 267.8 | 264.7 | 270.9 | 270.9 | 277.2 | 270.9 |
| 75° | 173.2 | 185.8 | 179.6 | 189.1 | 185.8 | 179.6 | 195.3 |
| 77.5° | 116.6 | 122.9 | 126.0 | 129.2 | 126.0 | 122.9 | 126.0 |
| 80° | 82.0 | 88.2 | 85.1 | 88.2 | 88.2 | 88.2 | 91.4 |
| 82.5° | 50.4 | 59.9 | 56.7 | 59.9 | 56.7 | 59.9 | 59.9 |
| 85° | 34.6 | 37.9 | 31.5 | 37.9 | 34.6 | 34.6 | 41.0 |
| 87.5° | 22.0 | 18.9 | 18.9 | 22.0 | 18.9 | 22.0 | 18.9 |
| 90° | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

(END OF REPORT)